Soil Cover Verification (SCV) Lab Report Summary Sheet:

Date Analytical Report Received	Lab Report Number
11/29/2022	180-147751-2
11/29/2022	180-147752-2
11/30/2022	180-147751-1
12/1/2022	180-147901-1
12/1/2022	180-147901-2
12/2/2022	180-147957-1
12/2/2022	180-147957-2
12/6/2022	180-148504-1
12/6/2022	180-147752-1
12/7/2022	180-147956-1
12/7/2022	180-147956-2
12/9/2022	180-148504-2
12/16/2022	180-147752-3
4/20/2022	180-154713-2
4/20/2022	180-154714-2
4/20/2022	180-154808-2
4/22/2022	180-154813-2
4/22/2022	180-154916-2
4/22/2022	180-154918-2
4/22/2022	180-154919-2
4/27/2022	180-154988-2
5/1/2023	180-154813-3
5/3/2023	180-154713-1
5/3/2023	180-154714-1
5/5/2023	180-154808-1
5/5/2023	180-154916-1
5/8/2023	180-154813-1
5/18/2023	180-154918-1
5/19/2023	180-154988-1
5/19/2023	180-154919-1
6/6/2023	180-154813-4
6/6/2023	180-154916-4
3/17/2026	180-202353-1
3/18/2026	180-202357-1
3/18/2026	180-202362-1
3/18/2026	180-202364-1
3/19/2026	180-202499-1
3/19/2026	180-202504-1
3/20/2026	180-202501-1
3/20/2026	180-202505-1

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

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JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-147751-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
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Job ID: 180-147751-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-147751-2

Receipt
The samples were received on 11/11/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.9º C, 2.8º C, 3.0º C, 3.4º C, 5.3º C, 5.4º C, 5.4º C and 5.7º C.

LCMS
Method 537 (modified): The "I" qualifier means the transition mass ratio for the indicated analyte was below the established ratio limits for the following samples: SSHS-IRM5A2-SCV82-0-0.17 (180-147751-1), SSHS-IRM5A2-SCV85-0.17-1 (180-147751-12), and SSHS-IRM5A2-SCV66-0-0.17 (180-147751-17). The qualitative identification of the analyte has some degree of uncertainty. However, analyst judgment was used to positively identify the analyte.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Qualifiers

LCMS

Qualifier	Qualifier Description
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-31-23
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-30-23
Hawaii	State	<cert No.>	01-29-23
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	01-31-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-23
Ohio	State	41252	01-29-23
Oregon	NELAP	4040	01-29-23
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	01-23-23
Utah	NELAP	CA000442021-12	02-28-23
Virginia	NELAP	460278	03-14-23
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-13-22
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Solid	11/10/22 13:30	11/11/22 09:00
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Solid	11/10/22 13:55	11/11/22 09:00
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Solid	11/10/22 14:20	11/11/22 09:00
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Solid	11/10/22 14:45	11/11/22 09:00

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17 Lab Sample ID: 180-147751-1

Date Collected: 11/10/22 13:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 90.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.37 g	10.0 mL	633287	11/15/22 19:13	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	633350	11/16/22 13:10	RS1	EET SAC
	Instrument ID: A13									

Client Sample ID: SSHS-IRM5A2-SCV83-1-2 Lab Sample ID: 180-147751-6

Date Collected: 11/10/22 13:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.31 g	10.0 mL	633287	11/15/22 19:13	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	633350	11/16/22 13:20	RS1	EET SAC
	Instrument ID: A13									

Client Sample ID: SSHS-IRM5A2-SCV85-0.17-1 Lab Sample ID: 180-147751-12

Date Collected: 11/10/22 14:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.41 g	10.0 mL	633287	11/15/22 19:13	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	633350	11/16/22 15:52	RS1	EET SAC
	Instrument ID: A13									

Client Sample ID: SSHS-IRM5A2-SCV66-0-0.17 Lab Sample ID: 180-147751-17

Date Collected: 11/10/22 14:45 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.36 g	10.0 mL	633287	11/15/22 19:13	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	633350	11/16/22 16:02	RS1	EET SAC
	Instrument ID: A13									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Prep

AM = Andrew Martin

Batch Type: Analysis

RS1 = Rungtip Sanjumnai

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17 **Lab Sample ID: 180-147751-1**
Date Collected: 11/10/22 13:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 90.2**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.42**		0.21	0.047	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluoropentanoic acid (PFPeA)	**0.076**	**J**	0.21	0.042	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluorohexanoic acid (PFHxA)	**0.10**	**J**	0.21	0.032	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluoroheptanoic acid (PFHpA)	**0.13**	**J**	0.21	0.039	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluorooctanoic acid (PFOA)	**0.26**		0.21	0.055	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluorononanoic acid (PFNA)	**0.18**	**J**	0.21	0.023	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluorodecanoic acid (PFDA)	**0.18**	**J**	0.21	0.050	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluoroundecanoic acid (PFUnA)	**0.10**	**J**	0.21	0.043	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluorododecanoic acid (PFDoA)	**0.060**	**J**	0.21	0.031	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluorotridecanoic acid (PFTriA)	**0.031**	**J**	0.21	0.022	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.038	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.039	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.030	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.051	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluorooctanesulfonic acid (PFOS)	**0.77**	**I**	0.21	0.044	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluorodecanesulfonic acid (PFDS)	**0.082**	**J**	0.21	0.054	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.034	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.024	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.050	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
6:2 FTS	ND		0.21	0.028	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1
8:2 FTS	ND		0.21	0.036	ug/Kg	☼	11/15/22 19:13	11/16/22 13:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*38*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
13C5 PFPeA	*69*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
13C2 PFHxA	*75*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
13C4 PFHpA	*72*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
13C4 PFOA	*80*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
13C5 PFNA	*76*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
13C2 PFDA	*77*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
13C2 PFUnA	*78*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
13C2 PFDoA	*74*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
13C2 PFTeDA	*74*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
13C3 PFBS	*73*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
18O2 PFHxS	*69*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
13C4 PFOS	*65*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
13C8 FOSA	*78*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
d3-NMeFOSAA	*78*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
d5-NEtFOSAA	*81*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
M2-6:2 FTS	*73*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*
M2-8:2 FTS	*91*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:10*	*1*

Client Sample ID: SSHS-IRM5A2-SCV83-1-2 **Lab Sample ID: 180-147751-6**
Date Collected: 11/10/22 13:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.8**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.25**		0.21	0.047	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluoropentanoic acid (PFPeA)	**0.14**	**J**	0.21	0.042	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluorohexanoic acid (PFHxA)	**0.096**	**J**	0.21	0.032	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluoroheptanoic acid (PFHpA)	**0.11**	**J**	0.21	0.039	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluorooctanoic acid (PFOA)	**0.31**		0.21	0.054	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluorononanoic acid (PFNA)	**0.12**	**J**	0.21	0.023	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluorodecanoic acid (PFDA)	**0.21**		0.21	0.049	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluoroundecanoic acid (PFUnA)	**0.068**	**J**	0.21	0.043	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluorododecanoic acid (PFDoA)	**0.068**	**J**	0.21	0.031	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluorotridecanoic acid (PFTriA)	**0.024**	**J**	0.21	0.022	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.038	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.039	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.030	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.050	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluorooctanesulfonic acid (PFOS)	**0.43**		0.21	0.044	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.053	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.034	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.024	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.049	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
6:2 FTS	ND		0.21	0.028	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1
8:2 FTS	ND		0.21	0.036	ug/Kg	☼	11/15/22 19:13	11/16/22 13:20	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*46*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
13C5 PFPeA	*66*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
13C2 PFHxA	*71*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
13C4 PFHpA	*70*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
13C4 PFOA	*74*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
13C5 PFNA	*72*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
13C2 PFDA	*73*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
13C2 PFUnA	*75*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
13C2 PFDoA	*69*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
13C2 PFTeDA	*73*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
13C3 PFBS	*55*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
18O2 PFHxS	*55*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
13C4 PFOS	*54*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
13C8 FOSA	*71*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
d3-NMeFOSAA	*55*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
d5-NEtFOSAA	*62*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
M2-6:2 FTS	*44*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*
M2-8:2 FTS	*48*		*25 - 150*	*11/15/22 19:13*	*11/16/22 13:20*	*1*

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV85-0.17-1 **Lab Sample ID: 180-147751-12**
Date Collected: 11/10/22 14:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.0**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.30**		0.19	0.045	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluoropentanoic acid (PFPeA)	**0.094**	**J**	0.19	0.040	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluorohexanoic acid (PFHxA)	**0.095**	**J**	0.19	0.030	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluoroheptanoic acid (PFHpA)	**0.13**	**J**	0.19	0.037	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluorooctanoic acid (PFOA)	**0.30**		0.19	0.052	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluorononanoic acid (PFNA)	**0.15**	**J**	0.19	0.021	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluorodecanoic acid (PFDA)	**0.089**	**J**	0.19	0.047	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluoroundecanoic acid (PFUnA)	**0.084**	**J**	0.19	0.041	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluorododecanoic acid (PFDoA)	**0.049**	**J**	0.19	0.029	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluorotridecanoic acid (PFTriA)	**0.036**	**J**	0.19	0.020	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.19	0.036	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.037	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.028	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.048	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluorooctanesulfonic acid (PFOS)	**0.53**	**I**	0.19	0.042	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.051	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
Perfluorooctanesulfonamide (FOSA)	ND		0.19	0.032	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.022	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.047	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
6:2 FTS	ND		0.19	0.026	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1
8:2 FTS	ND		0.19	0.034	ug/Kg	☼	11/15/22 19:13	11/16/22 15:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*39*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
13C5 PFPeA	*66*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
13C2 PFHxA	*73*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
13C4 PFHpA	*70*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
13C4 PFOA	*75*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
13C5 PFNA	*74*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
13C2 PFDA	*74*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
13C2 PFUnA	*75*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
13C2 PFDoA	*70*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
13C2 PFTeDA	*73*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
13C3 PFBS	*60*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
18O2 PFHxS	*62*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
13C4 PFOS	*60*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
13C8 FOSA	*73*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
d3-NMeFOSAA	*65*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
d5-NEtFOSAA	*86*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
M2-6:2 FTS	*69*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*
M2-8:2 FTS	*78*		*25 - 150*	*11/15/22 19:13*	*11/16/22 15:52*	*1*

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV66-0-0.17 **Lab Sample ID: 180-147751-17**
Date Collected: 11/10/22 14:45 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.2**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.49**		0.20	0.047	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluoropentanoic acid (PFPeA)	**0.12**	**J**	0.20	0.042	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluorohexanoic acid (PFHxA)	**0.14**	**J**	0.20	0.032	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluoroheptanoic acid (PFHpA)	**0.18**	**J**	0.20	0.039	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluorooctanoic acid (PFOA)	**0.51**		0.20	0.054	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluorononanoic acid (PFNA)	**0.21**		0.20	0.023	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.20	0.049	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluoroundecanoic acid (PFUnA)	**0.12**	**J**	0.20	0.043	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluorododecanoic acid (PFDoA)	**0.051**	**J**	0.20	0.031	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluorotridecanoic acid (PFTriA)	**0.041**	**J**	0.20	0.021	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.038	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.039	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.030	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.050	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluorooctanesulfonic acid (PFOS)	**0.71**	**I**	0.20	0.044	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.053	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.034	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.024	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.049	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
6:2 FTS	ND		0.20	0.028	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1
8:2 FTS	ND		0.20	0.036	ug/Kg	☼	11/15/22 19:13	11/16/22 16:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*50*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
13C5 PFPeA	*76*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
13C2 PFHxA	*74*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
13C4 PFHpA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
13C4 PFOA	*73*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
13C5 PFNA	*82*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
13C2 PFDA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
13C2 PFUnA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
13C2 PFDoA	*72*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
13C2 PFTeDA	*72*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
13C3 PFBS	*68*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
18O2 PFHxS	*69*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
13C4 PFOS	*67*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
13C8 FOSA	*80*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
d3-NMeFOSAA	*70*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
d5-NEtFOSAA	*80*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
M2-6:2 FTS	*76*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*
M2-8:2 FTS	*87*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:02*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-633287/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 633350 **Prep Batch: 633287**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
6:2 FTS	ND		0.20	0.027	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
8:2 FTS	ND		0.20	0.035	ug/Kg		11/15/22 19:13	11/16/22 12:09	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*59*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C5 PFPeA	*82*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C2 PFHxA	*80*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C4 PFHpA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C4 PFOA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C5 PFNA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C2 PFDA	*77*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C2 PFUnA	*82*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C2 PFDoA	*77*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C2 PFTeDA	*83*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C3 PFBS	*88*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
18O2 PFHxS	*81*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C4 PFOS	*81*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C8 FOSA	*85*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
d3-NMeFOSAA	*76*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
d5-NEtFOSAA	*84*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
M2-6:2 FTS	*69*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
M2-8:2 FTS	*73*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-633287/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 633350 **Prep Batch: 633287**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	2.30		ug/Kg		115	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	2.08		ug/Kg		104	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	2.00		ug/Kg		100	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.15		ug/Kg		107	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.19		ug/Kg		110	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.21		ug/Kg		111	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	2.26		ug/Kg		113	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.12		ug/Kg		106	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.28		ug/Kg		114	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	2.25		ug/Kg		112	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.08		ug/Kg		104	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.74		ug/Kg		98	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.93		ug/Kg		106	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	2.42		ug/Kg		127	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	2.03		ug/Kg		109	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	2.28		ug/Kg		118	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.12		ug/Kg		106	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.19		ug/Kg		110	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.13		ug/Kg		107	72 - 132
6:2 FTS	1.90	2.01		ug/Kg		106	73 - 139
8:2 FTS	1.92	2.13		ug/Kg		111	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*35*		*25 - 150*
13C5 PFPeA	*75*		*25 - 150*
13C2 PFHxA	*82*		*25 - 150*
13C4 PFHpA	*81*		*25 - 150*
13C4 PFOA	*82*		*25 - 150*
13C5 PFNA	*77*		*25 - 150*
13C2 PFDA	*79*		*25 - 150*
13C2 PFUnA	*82*		*25 - 150*
13C2 PFDoA	*77*		*25 - 150*
13C2 PFTeDA	*83*		*25 - 150*
13C3 PFBS	*88*		*25 - 150*
18O2 PFHxS	*79*		*25 - 150*
13C4 PFOS	*79*		*25 - 150*
13C8 FOSA	*85*		*25 - 150*
d3-NMeFOSAA	*75*		*25 - 150*
d5-NEtFOSAA	*80*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-633287/2-A
Matrix: Solid
Analysis Batch: 633350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633287

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	67		25 - 150
M2-8:2 FTS	79		25 - 150

QC Association Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-2
Project/Site: Former Sperry Remington-Soil Cover Verification

LCMS

Prep Batch: 633287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	SHAKE	
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	SHAKE	
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	SHAKE	
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	SHAKE	
MB 320-633287/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-633287/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 633350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	537 (modified)	633287
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	537 (modified)	633287
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	537 (modified)	633287
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	537 (modified)	633287
MB 320-633287/1-A	Method Blank	Total/NA	Solid	537 (modified)	633287
LCS 320-633287/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	633287

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s)	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV82-0-0.17	11/10/22	1330	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV82-0.17-1	11/10/22	1335	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV82-1-2	11/10/22	1340	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-0-0.17	11/10/22	1345	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-0.17-1	11/10/22	1350	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-1-2	11/10/22	1355	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV84-0-0.07	11/10/22	1400	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV84-0 17-1	11/10/22	1405	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV84-1-2	11/10/22	1410	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV85-0-0.17	11/10/22	1415	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP1	11/10/22	–	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV85-0.17-1	11/10/22	1420	G	S	N	N	X	X	X	X	X	X							9	

180-147751 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Miranda Mann	11/10/22/1800	Geosyntec		11/11/22 0900	EPH
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s)	COC No 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV85-1-2	11/10/22	1425	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV74-0-0.17	11/10/22	1430	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV74-0.17-1	11/10/22	1435	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV74-1-2	11/10/22	1440	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV66-0-0.17	11/10/22	1445	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV66-0.17-1	11/10/22	1450	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV66-1-2	11/10/22	1455	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV67-0-0.17	11/10/22	1500	G	S	N	Y	X	X	X	X										18	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Miranda Adler	11/10/22/1800	Company: Geosyntec		11/11/22 0900	E P.tt
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

11/29/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

0.2/09

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

180-147751 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV82-0-0.17	11/10/22	1330	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV82-0.17-1	11/10/22	1335	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV82-1-2	11/10/22	1340	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-0-0.17	11/10/22	1345	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-0.17-1	11/10/22	1350	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-1-2	11/10/22	1355	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV84-0-0.07	11/10/22	1400	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV84-0.17-1	11/10/22	1405	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV84-1-2	11/10/22	1410	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV85-0-0.17	11/10/22	1415	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP1	11/10/22	--	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV85-0.17-1	11/10/22	1420	G	S	N	N	X	X	X	X	X	X							9	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
	Miranda Allen	11/10/22/1800	Geosyntec		11-11-22 10:25	BA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Page 20 of 30

11/29/2022

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS									Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N										
SSHS-IRM5A2-SCV85-1-2	11/10/22	1425	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV74-0-0.17	11/10/22	1430	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV74-0.17-1	11/10/22	1435	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV74-1-2	11/10/22	1440	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV66-0-0.17	11/10/22	1445	G	S	N	N	X	X	X	X	X	X									9	
SSHS-IRM5A2-SCV66-0.17-1	11/10/22	1450	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV66-1-2	11/10/22	1455	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV67-0-0.17	11/10/22	1500	G	S	N	Y	X	X	X	X											18	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Miranda Jackson	11/10/22/1800	Geosyntec		11-11-22 10:25	EA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins - Canton Sample Receipt Form/Narrative Login # :_____
Barberton Facility

Client Geosyntec Site Name_____ Cooler unpacked by: Charlie

Cooler Received on 11-11-22 Opened on 11-11-22

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time_____ Storage Location_____

Eurofins Cooler # 11 Foam Box Client Cooler Box Other_____

Packing material used: ~~Bubble Wrap~~ Foam ~~Plastic Bag~~ None Other_____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. 0.2 °C Corrected Cooler Temp. 0.9 °C
   IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp._____ °C Corrected Cooler Temp._____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	(Yes)	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	(Yes)	No NA
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes)	No
7. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
11. Sufficient quantity received to perform indicated analyses?	(Yes)	No
12. Are these work share samples and all listed on the COC?	Yes	(No)
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No (NA) pH Strip Lot# HC286791
14. Were VOAs on the COC?	Yes	(No)
15. Were air bubbles >6 mm in any VOA vials? ● ⇐ Larger than this.	Yes	(No) NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	(No)
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	(No)

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

180-147751 Chain of Custody

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV82-0-0.17	11/10/22	1330	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV82-0.17-1	11/10/22	1335	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV82-1-2	11/10/22	1340	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV83-0-0.17	11/10/22	1345	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV83-0.17-1	11/10/22	1350	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV83-1-2	11/10/22	1355	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV84-0-0.07	11/10/22	1400	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV84-0.17-1	11/10/22	1405	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV84-1-2	11/10/22	1410	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV85-0-0.17	11/10/22	1415	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP1	11/10/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV85-0.17-1	11/10/22	1420	G	S	N	N	X	X	X	X	X	X	9	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Miranda Miller	Date/Time: 11/10/22/1800	Company: Geosyntec	Received by: Austin Marler	Date/Time: 11-11-22 9:30am	Company: EETSAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: 1903884 | Cooler Temperature(s) °C and Other Remarks: 2.8

① ID: SSHS-IRM5A2-FL-SCV82-0-0.17 Sch-11-22

② ID: SSHS-IRM5A2--FL-SCV85-0-0.17

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11/29/2022

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N									
SSHS-IRM5A2-SCV85-1-2	11/10/22	1425	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV74-0-0.17	11/10/22	1430	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV74-0.17-1	11/10/22	1435	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV74-1-2	11/10/22	1440	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV66-0-0.17	11/10/22	1445	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV66-0.17-1	11/10/22	1450	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV66-1-2	11/10/22	1455	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV67-0-0.17	11/10/22	1500	G	S	N	Y	X	X	X	X										18	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Miranda Miller	Date/Time: 11/10/22/1800	Company: Geosyntec	Received by: Austin Marler
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time	Company
11-11-22 9:30am	EETSAC
Date/Time:	Company
Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 190288 4 | Cooler Temperature(s) °C and Other Remarks: 2.8

Ver: 01/16/2019

11/29/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

180-147751

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS		Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N			
SSHS-IRM5A2-SCV82-0-0.17	11/10/22	1330	G	S	N	N	X	X	X	X	X	X		9	
SSHS-IRM5A2-SCV82-0.17-1	11/10/22	1335	G	S	N	N	X	X	X	X				7	
SSHS-IRM5A2-SCV82-1-2	11/10/22	1340	G	S	N	N	X	X	X	X				7	
SSHS-IRM5A2-SCV83-0-0.17	11/10/22	1345	G	S	N	N	X	X	X	X				7	
SSHS-IRM5A2-SCV83-0.17-1	11/10/22	1350	G	S	N	N	X	X	X	X				7	
SSHS-IRM5A2-SCV83-1-2	11/10/22	1355	G	S	N	N	X	X	X	X	X	X		9	
SSHS-IRM5A2-SCV84-0-0.07	11/10/22	1400	G	S	N	N	X	X	X	X				7	
SSHS-IRM5A2-SCV84-0.17-1	11/10/22	1405	G	S	N	N	X	X	X	X				7	
SSHS-IRM5A2-SCV84-1-2	11/10/22	1410	G	S	N	N	X	X	X	X				7	
SSHS-IRM5A2-SCV85-0-0.17	11/10/22	1415	G	S	N	N	X	X	X	X				7	
SSHS-IRM5A2-SCV-DUP1	11/10/22	--	G	S	N	N	X	X	X	X				7	
SSHS-IRM5A2-SCV85-0.17-1	11/10/22	1420	G	S	N	N	X	X	X	X	X	X		9	

180-147751 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Miranda Allen	Date/Time: 11/10/22/1800	Company: Geosyntec	Received by: Fedex
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time	Company
11/11/22 1030	FEDEX

Custody Seals Intact: ∆ Yes ∆ No

Custody Seal No.: 1976476 1903581 1903577 / 1976478 1903877

Cooler Temperature(s) °C and Other Remarks: 5.4°C 5.4C 3.0°C 3.0C 5.7°C 5.7°C / 3.4°C 3.4°C 5.4°C 5.4°C

Ver: 01/16/2019

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11/29/2022

301 Alpha Drive RIDC Park
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Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

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Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:
City: Columbia	TAT Requested (days): Standard
State, Zip: MD, 21044	
Phone: 40-381-4333	PO #: MN0832I
Email: akrasnopoler@geosyntec.com	WO #:
Project Name: Former Sperry Remington Site	Project #: 18013464
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV85-1-2	11/10/22	1425	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV74-0-0.17	11/10/22	1430	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV74-0.17-1	11/10/22	1435	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV74-1-2	11/10/22	1440	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV66-0-0.17	11/10/22	1445	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV66-0.17-1	11/10/22	1450	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV66-1-2	11/10/22	1455	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV67-0-0.17	11/10/22	1500	G	S	N	Y	X	X	X	X									18	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Miranda Miller	11/10/22/1800	Geosyntec	FedEx	11/11/22 1030	ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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11/16/2022

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 680-147751

Number of Coolers: 5 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.4 °C	3.4 °C	Cooler #4:	3.4 °C	3.4 °C	Cooler #7:	°C	°C
Cooler #2:	3.0 °C	3.0 °C	Cooler #5:	5.4 °C	5.4 °C	Cooler #8:	°C	°C
Cooler #3:	5.7 °C	5.7 °C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ **Date:** 11/11/22

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Sacramento
Sample Receiving Notes

180-147751 Field Sheet

Job: _____

Tracking # : 7703 9779 2809

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: L-09 Corr. Factor: (+ / -) +1 °C

Ice ✓ Wet ✓ Gel _____ Other _____

Cooler Custody Seal: 1903464

Cooler ID: —

Temp Observed: 2.7 °C Corrected: 2.7 2.8 °C

From: Temp Blank ☐ Sample ☒ SO 11-11-22

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: AJM Date: 11-11-22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☐	☑	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SO Date: 11-11-22

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☑	☐	☐
Log Release checked in TALS?	☐	☐	☑

Initials: SO Date: 11-12-22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147751-2

Login Number: 147751
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147751-2

Login Number: 147751
List Number: 4
Creator: Oropeza, Salvador

List Source: Eurofins Sacramento
List Creation: 11/12/22 04:23 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1903884
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.8C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

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JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-147752-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-147752-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-147752-2

Comments
Notation was made to the coc regarding the sample collection date.

Receipt
The samples were received on 11/11/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.9º C, 2.8º C, 3.0º C, 3.4º C, 5.3º C, 5.4º C, 5.4º C and 5.7º C.

LCMS
Method 537 (modified): The "I" qualifier means the transition mass ratio for the indicated analyte was below the established ratio limits for the following sample: SSHS-IRM5A2-SCV69-0-0.17 (180-147752-7). The qualitative identification of the analyte has some degree of uncertainty. However, analyst judgment was used to positively identify the analyte.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Qualifiers

LCMS

Qualifier	Qualifier Description
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-31-23
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-30-23
Hawaii	State	<cert No.>	01-29-23
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	01-31-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-23
Ohio	State	41252	01-29-23
Oregon	NELAP	4040	01-29-23
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	01-23-23
Utah	NELAP	CA000442021-12	02-28-23
Virginia	NELAP	460278	03-14-23
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-13-22
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Solid	11/10/22 15:05	11/11/22 09:00
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Solid	11/10/22 15:30	11/11/22 09:00
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Solid	11/10/22 15:55	11/11/22 09:00
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Solid	11/10/22 16:15	11/11/22 09:00

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV67-0.17-1 Lab Sample ID: 180-147752-1

Date Collected: 11/10/22 15:05 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 90.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.47 g	10.0 mL	633287	11/15/22 19:13	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	633350	11/16/22 16:12	RS1	EET SAC
	Instrument ID: A13									

Client Sample ID: SSHS-IRM5A2-SCV69-0-0.17 Lab Sample ID: 180-147752-7

Date Collected: 11/10/22 15:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 89.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.12 g	10.0 mL	633287	11/15/22 19:13	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	633350	11/16/22 16:22	RS1	EET SAC
	Instrument ID: A13									

Client Sample ID: SSHS-IRM5A2-SCV70-1-2 Lab Sample ID: 180-147752-12

Date Collected: 11/10/22 15:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.58 g	10.0 mL	633287	11/15/22 19:13	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	633350	11/16/22 16:33	RS1	EET SAC
	Instrument ID: A13									

Client Sample ID: SSHS-IRM5A2-SCV72-0-0.17 Lab Sample ID: 180-147752-17

Date Collected: 11/10/22 16:15 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 87.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.39 g	10.0 mL	633287	11/15/22 19:13	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	633350	11/16/22 16:43	RS1	EET SAC
	Instrument ID: A13									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Prep

AM = Andrew Martin

Batch Type: Analysis

RS1 = Rungtip Sanjumnai

Client: Geosyntec Consultants, Inc.
Job ID: 180-147752-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV67-0.17-1
Lab Sample ID: 180-147752-1
Date Collected: 11/10/22 15:05
Matrix: Solid
Date Received: 11/11/22 09:00
Percent Solids: 90.7

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.56**		0.20	0.046	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluoropentanoic acid (PFPeA)	**0.14**	**J**	0.20	0.041	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluorohexanoic acid (PFHxA)	**0.30**		0.20	0.031	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluoroheptanoic acid (PFHpA)	**0.35**		0.20	0.038	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluorooctanoic acid (PFOA)	**1.3**		0.20	0.053	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluorononanoic acid (PFNA)	**0.10**	**J**	0.20	0.022	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluorodecanoic acid (PFDA)	**0.068**	**J**	0.20	0.048	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluoroundecanoic acid (PFUnA)	**0.058**	**J**	0.20	0.042	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluorododecanoic acid (PFDoA)	**0.031**	**J**	0.20	0.030	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluorotridecanoic acid (PFTriA)	**0.024**	**J**	0.20	0.021	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluorobutanesulfonic acid (PFBS)	**0.048**	**J**	0.20	0.038	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluorohexanesulfonic acid (PFHxS)	**0.092**	**J**	0.20	0.029	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluorooctanesulfonic acid (PFOS)	**0.95**		0.20	0.043	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
6:2 FTS	**0.035**	**J**	0.20	0.027	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1
8:2 FTS	ND		0.20	0.035	ug/Kg	☼	11/15/22 19:13	11/16/22 16:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*30*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
13C5 PFPeA	*67*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
13C2 PFHxA	*69*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
13C4 PFHpA	*67*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
13C4 PFOA	*67*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
13C5 PFNA	*71*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
13C2 PFDA	*67*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
13C2 PFUnA	*66*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
13C2 PFDoA	*63*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
13C2 PFTeDA	*63*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
13C3 PFBS	*68*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
18O2 PFHxS	*65*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
13C4 PFOS	*65*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
13C8 FOSA	*70*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
d3-NMeFOSAA	*61*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
d5-NEtFOSAA	*71*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
M2-6:2 FTS	*90*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*
M2-8:2 FTS	*92*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:12*	*1*

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV69-0-0.17 **Lab Sample ID: 180-147752-7**
Date Collected: 11/10/22 15:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 89.1**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.27**		0.22	0.050	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluoropentanoic acid (PFPeA)	**0.083**	**J**	0.22	0.045	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluorohexanoic acid (PFHxA)	**0.087**	**J**	0.22	0.034	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluoroheptanoic acid (PFHpA)	**0.12**	**J**	0.22	0.042	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluorooctanoic acid (PFOA)	**0.32**		0.22	0.058	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluorononanoic acid (PFNA)	**0.19**	**J**	0.22	0.024	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.22	0.053	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluoroundecanoic acid (PFUnA)	**0.099**	**J**	0.22	0.046	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluorododecanoic acid (PFDoA)	**0.042**	**J**	0.22	0.033	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluorotridecanoic acid (PFTriA)	**0.031**	**J**	0.22	0.023	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.042	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.054	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluorooctanesulfonic acid (PFOS)	**1.0**	**I**	0.22	0.047	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.057	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.036	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.025	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.053	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
6:2 FTS	**0.12**	**J**	0.22	0.030	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1
8:2 FTS	ND		0.22	0.038	ug/Kg	☼	11/15/22 19:13	11/16/22 16:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*25*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
13C5 PFPeA	*72*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
13C2 PFHxA	*75*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
13C4 PFHpA	*72*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
13C4 PFOA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
13C5 PFNA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
13C2 PFDA	*81*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
13C2 PFUnA	*77*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
13C2 PFDoA	*77*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
13C2 PFTeDA	*76*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
13C3 PFBS	*72*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
18O2 PFHxS	*70*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
13C4 PFOS	*67*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
13C8 FOSA	*78*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
d3-NMeFOSAA	*68*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
d5-NEtFOSAA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
M2-6:2 FTS	*77*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*
M2-8:2 FTS	*83*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:22*	*1*

Client Sample ID: SSHS-IRM5A2-SCV70-1-2 Lab Sample ID: 180-147752-12

Date Collected: 11/10/22 15:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.2**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.28**		0.19	0.044	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluoropentanoic acid (PFPeA)	**0.14**	**J**	0.19	0.039	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluorohexanoic acid (PFHxA)	**0.095**	**J**	0.19	0.029	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluoroheptanoic acid (PFHpA)	**0.10**	**J**	0.19	0.036	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluorooctanoic acid (PFOA)	**0.24**		0.19	0.050	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluorononanoic acid (PFNA)	**0.11**	**J**	0.19	0.021	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluorodecanoic acid (PFDA)	**0.065**	**J**	0.19	0.046	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluoroundecanoic acid (PFUnA)	**0.055**	**J**	0.19	0.040	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluorododecanoic acid (PFDoA)	**0.033**	**J**	0.19	0.029	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluorotridecanoic acid (PFTriA)	**0.023**	**J**	0.19	0.020	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.19	0.035	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.036	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.028	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.047	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluorooctanesulfonic acid (PFOS)	**0.82**		0.19	0.041	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.049	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
Perfluorooctanesulfonamide (FOSA)	ND		0.19	0.031	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.022	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.046	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
6:2 FTS	**0.092**	**J**	0.19	0.026	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1
8:2 FTS	ND		0.19	0.033	ug/Kg	☼	11/15/22 19:13	11/16/22 16:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*43*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
13C5 PFPeA	*74*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
13C2 PFHxA	*75*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
13C4 PFHpA	*74*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
13C4 PFOA	*78*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
13C5 PFNA	*76*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
13C2 PFDA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
13C2 PFUnA	*76*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
13C2 PFDoA	*71*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
13C2 PFTeDA	*72*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
13C3 PFBS	*70*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
18O2 PFHxS	*67*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
13C4 PFOS	*62*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
13C8 FOSA	*78*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
d3-NMeFOSAA	*66*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
d5-NEtFOSAA	*78*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
M2-6:2 FTS	*66*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*
M2-8:2 FTS	*78*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:33*	*1*

Client Sample ID: SSHS-IRM5A2-SCV72-0-0.17 Lab Sample ID: 180-147752-17

Date Collected: 11/10/22 16:15 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 87.7**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.15**	**J**	0.21	0.049	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluoropentanoic acid (PFPeA)	**0.051**	**J**	0.21	0.043	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluorohexanoic acid (PFHxA)	**0.062**	**J**	0.21	0.033	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluoroheptanoic acid (PFHpA)	**0.073**	**J**	0.21	0.040	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluorooctanoic acid (PFOA)	**0.23**		0.21	0.056	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluorononanoic acid (PFNA)	**0.10**	**J**	0.21	0.023	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluorodecanoic acid (PFDA)	**0.065**	**J**	0.21	0.051	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluoroundecanoic acid (PFUnA)	**0.051**	**J**	0.21	0.044	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluorododecanoic acid (PFDoA)	**0.032**	**J**	0.21	0.032	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluorotridecanoic acid (PFTriA)	ND		0.21	0.022	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.039	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.040	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.031	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.052	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluorooctanesulfonic acid (PFOS)	**0.80**		0.21	0.045	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.055	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.035	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.024	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.051	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
6:2 FTS	ND		0.21	0.029	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1
8:2 FTS	ND		0.21	0.037	ug/Kg	☼	11/15/22 19:13	11/16/22 16:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*43*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
13C5 PFPeA	*69*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
13C2 PFHxA	*78*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
13C4 PFHpA	*77*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
13C4 PFOA	*75*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
13C5 PFNA	*78*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
13C2 PFDA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
13C2 PFUnA	*77*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
13C2 PFDoA	*75*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
13C2 PFTeDA	*74*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
13C3 PFBS	*63*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
18O2 PFHxS	*63*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
13C4 PFOS	*65*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
13C8 FOSA	*76*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
d3-NMeFOSAA	*71*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
d5-NEtFOSAA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
M2-6:2 FTS	*63*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*
M2-8:2 FTS	*87*		*25 - 150*	*11/15/22 19:13*	*11/16/22 16:43*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-633287/1-A
Matrix: Solid
Analysis Batch: 633350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633287

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
6:2 FTS	ND		0.20	0.027	ug/Kg		11/15/22 19:13	11/16/22 12:09	1
8:2 FTS	ND		0.20	0.035	ug/Kg		11/15/22 19:13	11/16/22 12:09	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*59*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C5 PFPeA	*82*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C2 PFHxA	*80*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C4 PFHpA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C4 PFOA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C5 PFNA	*79*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C2 PFDA	*77*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C2 PFUnA	*82*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C2 PFDoA	*77*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C2 PFTeDA	*83*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C3 PFBS	*88*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
18O2 PFHxS	*81*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C4 PFOS	*81*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
13C8 FOSA	*85*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
d3-NMeFOSAA	*76*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
d5-NEtFOSAA	*84*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
M2-6:2 FTS	*69*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*
M2-8:2 FTS	*73*		*25 - 150*	*11/15/22 19:13*	*11/16/22 12:09*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-633287/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 633350 **Prep Batch: 633287**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	2.30		ug/Kg		115	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	2.08		ug/Kg		104	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	2.00		ug/Kg		100	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.15		ug/Kg		107	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.19		ug/Kg		110	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.21		ug/Kg		111	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	2.26		ug/Kg		113	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.12		ug/Kg		106	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.28		ug/Kg		114	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	2.25		ug/Kg		112	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.08		ug/Kg		104	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.74		ug/Kg		98	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.93		ug/Kg		106	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	2.42		ug/Kg		127	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	2.03		ug/Kg		109	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	2.28		ug/Kg		118	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.12		ug/Kg		106	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.19		ug/Kg		110	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.13		ug/Kg		107	72 - 132
6:2 FTS	1.90	2.01		ug/Kg		106	73 - 139
8:2 FTS	1.92	2.13		ug/Kg		111	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*35*		*25 - 150*
13C5 PFPeA	*75*		*25 - 150*
13C2 PFHxA	*82*		*25 - 150*
13C4 PFHpA	*81*		*25 - 150*
13C4 PFOA	*82*		*25 - 150*
13C5 PFNA	*77*		*25 - 150*
13C2 PFDA	*79*		*25 - 150*
13C2 PFUnA	*82*		*25 - 150*
13C2 PFDoA	*77*		*25 - 150*
13C2 PFTeDA	*83*		*25 - 150*
13C3 PFBS	*88*		*25 - 150*
18O2 PFHxS	*79*		*25 - 150*
13C4 PFOS	*79*		*25 - 150*
13C8 FOSA	*85*		*25 - 150*
d3-NMeFOSAA	*75*		*25 - 150*
d5-NEtFOSAA	*80*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-633287/2-A
Matrix: Solid
Analysis Batch: 633350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633287

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	67		25 - 150
M2-8:2 FTS	79		25 - 150

QC Association Summary

Client: Geosyntec Consultants, Inc.
Job ID: 180-147752-2
Project/Site: Former Sperry Remington-Soil Cover Verification

LCMS

Prep Batch: 633287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	SHAKE	
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	SHAKE	
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	SHAKE	
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	SHAKE	
MB 320-633287/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-633287/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 633350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	537 (modified)	633287
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	537 (modified)	633287
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	537 (modified)	633287
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	537 (modified)	633287
MB 320-633287/1-A	Method Blank	Total/NA	Solid	537 (modified)	633287
LCS 320-633287/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	633287

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins

Client Information	Sampler	Lab PM	Carrier Tracking No(s).	COC No
	C Lamas	Dunlap, David A		180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:	
City: Columbia	TAT Requested (days): Standard	
State, Zip: MD, 21044		
Phone: 40-381-4333	PO #: MN0832I	
Email: akrasnopoler@geosyntec.com	WO #:	
Project Name: Former Sperry Remington Site	Project #: 18013464	
Site:	SSOW#:	

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV67-0.17-1	11/8/22	1505	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV67-1-2	11/8/22	1510	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-0-0.17	11/8/22	1515	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-0.17-1	11/8/22	1520	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-1-2	11/8/22	1525	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP2	11/8/22	--	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV69-0-0.17	11/8/22	1530	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV69-0.17-1	11/8/22	1535	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV69-1-2	11/8/22	1540	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-0-0.17	11/8/22	1545	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-0.17-1	11/8/22	1550	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-1-2	11/8/22	1555	G	S	N	N	X	X	X	X	X	X							9	

collection date for all samples is 11/10/22 as per Colin Lamas D. Dunlap 11/11/22

180-147752 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	11/10/22/1800	Geosyntec		11/11/22 0900	E P.tt
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV71-0-0.17	11/8/22	1600	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV71-0.17-1	11/8/22	1605	G	S	N	Y	X	X	X	X			7	
SSHS-IRM5A2-SCV71-1-2	11/8/22	1610	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP3	11/8/22	–	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-0-0.17	11/8/22	1615	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV72-0.17-1	11/8/22	1620	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-1-2	11/8/22	1625	G	S	N	Y	X	X	X	X			18	
	~~11/8/22~~													
	~~11/8/22~~													
	~~11/8/22~~													
	~~11/8/22~~													
	~~11/8/22~~													

collection date for all samples is 11/10/22 as per Colin Lamas
D. Dunlap 11/11/22

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: —	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Miranda Kline	11/10/22 1800	Geosyntec		11/11/22 0900	E.P.H.
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

0.2/0.9

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:
City: Columbia	TAT Requested (days): Standard
State, Zip: MD, 21044	
Phone: 40-381-4333	PO #: MN0832I
Email: akrasnopoler@geosyntec.com	WO #:
Project Name: Former Sperry Remington Site	Project #: 18013464
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV67-0.17-1	11/8/22	1505	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV67-1-2	11/8/22	1510	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-0-0.17	11/8/22	1515	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-0.17-1	11/8/22	1520	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-1-2	11/8/22	1525	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP2	11/8/22	--	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV69-0-0.17	11/8/22	1530	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV69-0.17-1	11/8/22	1535	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV69-1-2	11/8/22	1540	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-0-0.17	11/8/22	1545	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-0.17-1	11/8/22	1550	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-1-2	11/8/22	1555	G	S	N	N	X	X	X	X	X	X							9	

180-147752 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	11/10/22/1800	Geosyntec	[signature]	11-11-22 10:25	[illegible]
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044	PO #: MN08321			
Phone: 40-381-4333	WO #:			
Email: akrasnopoler@geosyntec.com	Project #: 18013464			
Project Name: Former Sperry Remington Site	SSOW#:			
Site:				

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV71-0-0.17	11/8/22	1600	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV71-0.17-1	11/8/22	1605	G	S	N	Y	X	X	X	X			7	
SSHS-IRM5A2-SCV71-1-2	11/8/22	1610	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP3	11/8/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-0-0.17	11/8/22	1615	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV72-0.17-1	11/8/22	1620	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-1-2	11/8/22	1625	G	S	N	Y	X	X	X	X			18	
	11/8/22													
	11/8/22													
	11/8/22													
	11/8/22													
	11/8/22													

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by:	Date/Time: 11/10/22/1800	Company: Geosyntec	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 01/16/2019

11/29/2022

Eurofins - Canton Sample Receipt Form/Narrative Login # :_____
Barberton Facility

Client Geosyntec Site Name_____ Cooler unpacked by: Charlie

Cooler Received on 11-11-22 Opened on 11-11-22

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time Storage Location

Eurofins Cooler # 11 Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. 0.2 °C Corrected Cooler Temp. 0.9 °C
   IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp._____ °C Corrected Cooler Temp._____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC286797
14. Were VOAs on the COC?	Yes	No
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

180-147752 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV67-0.17-1	11/8/22	1505	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV67-1-2	11/8/22	1510	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-0-0.17	11/8/22	1515	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-0.17-1	11/8/22	1520	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-1-2	11/8/22	1525	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP2	11/8/22	--	G	S	N	N	X	X	X	X			7	
(7) SSHS-IRM5A2-SCV69-0-0.17	11/8/22	1530	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV69-0.17-1	11/8/22	1535	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV69-1-2	11/8/22	1540	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV70-0-0.17	11/8/22	1545	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV70-0.17-1	11/8/22	1550	G	S	N	N	X	X	X	X			7	
(12) SSHS-IRM5A2-SCV70-1-2	11/8/22	1555	G	S	N	N	X	X	X	X	X	X	9	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Miranda Schmidt	11/10/22/1800	Company: Geosyntec	Austin Marker	11-11-22 9:30am	EETSAC
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: 190884 | Cooler Temperature(s) °C and Other Remarks: 2.8

(7) time 1505 Client sent. Lab time 1530 SU-mm

(12) ID: SSHS-IRM5A2-FL-SCV70-1-2 SU-mm

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV71-0-0.17	11/8/22	1600	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV71-0.17-1	11/8/22	1605	G	S	N	Y	X	X	X	X			7	
SSHS-IRM5A2-SCV71-1-2	11/8/22	1610	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP3	11/8/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-0-0.17	11/8/22	1615	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV72-0.17-1	11/8/22	1620	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-1-2	11/8/22	1625	G	S	N	Y	X	X	X	X			18	
	~~11/8/22~~													
	11/8/22													
	~~11/8/22~~													
	11/8/22													
	11/8/22													

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Mauch	11/10/22/1800	Company: Geosyntec	Austin Marler	11-11-22 9:30am	EETSAC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seal No.: 1903884 (Yes)

Cooler Temperature(s) °C and Other Remarks: 2.8

(7) ID: SSHS-IRM5A2-SCV72-0-0.17

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11/29/2022

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044	PO #: MN0832I			
Phone: 40-381-4333	WO #:			
Email: akrasnopoler@geosyntec.com	Project #: 18013464			
Project Name: Former Sperry Remington Site	SSOW#:			
Site:				

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV67-0.17-1	11/8/22	1505	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV67-1-2	11/8/22	1510	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-0-0.17	11/8/22	1515	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-0.17-1	11/8/22	1520	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-1-2	11/8/22	1525	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP2	11/8/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV69-0-0.17	11/8/22	1530	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV69-0.17-1	11/8/22	1535	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV69-1-2	11/8/22	1540	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV70-0-0.17	11/8/22	1545	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV70-0.17-1	11/8/22	1550	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV70-1-2	11/8/22	1555	G	S	N	N	X	X	X	X	X	X	9	

180-147752 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Miranda Allen	11/10/22/1800	Geosyntec	FedEx	11/11/22 1030	TSTA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
	1976476 1903881 1903876	5.4°C 5.4°C 3.0°C 3.0°C 5.7°C 5.7°C
	1976478 1903877	3.4°C 3.4°C 5.4°C 5.4°C

Ver: 01/16/2019

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11/9/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins | Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV71-0-0.17	11/8/22	1600	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV71-0.17-1	11/8/22	1605	G	S	N	Y	X	X	X	X									7	
SSHS-IRM5A2-SCV71-1-2	11/8/22	1610	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP3	11/8/22	--	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV72-0-0.17	11/8/22	1615	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV72-0.17-1	11/8/22	1620	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV72-1-2	11/8/22	1625	G	S	N	Y	X	X	X	X									18	
	11/8/22																			
	11/8/22																			
	11/8/22																			
	11/8/22																			
	11/8/22																			

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	11/10/22 1800	Geosyntec	[signature] Fedex	11/11/22 1030	BTA
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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11/9/2022

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 180-147752

Number of Coolers: 5 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	5.4 °C	5.4 °C	Cooler #4:	3.4 °C	3.4 °C	Cooler #7:	°C	°C
Cooler #2:	3.0 °C	3.0 °C	Cooler #5:	5.4 °C	5.4 °C	Cooler #8:	°C	°C
Cooler #3:	5.7 °C	5.7 °C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 11/11/22

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Sacramento Sample Receiving Notes

180-147752 Field Sheet

Job:

Tracking # : 7703 9779 2809

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: C-09 Corr. Factor: (+ / -) +1 °C

Ice ✓ Wet ✓ Gel ____ Other ____

Cooler Custody Seal: 1903464

Cooler ID: —

Temp Observed: 2.7 °C Corrected: 2.7 2.8 °C

From: Temp Blank ☐ Sample ☒ SO 11-11-22

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☒	☐
Cooler Temperature is acceptable?	☒	☐	☐
Frozen samples show signs of thaw?	☐	☐	☒

Initials: AJM Date: 11-11-22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☒	☐	☐
Samples compromised/tampered with?	☐	☒	☐
Containers are not broken or leaking?	☒	☐	☐
Sample custody seal?	☐	☐	☒
Sample containers have legible labels?	☒	☐	☐
Sample date/times are provided?	☒	☐	☐
Appropriate containers are used?	☒	☐	☐
Sample bottles are completely filled?	☒ SO 11-12-22	☐	☒
Sample preservatives verified?	☐	☐	☒
Is the Field Sampler's name on COC?	☒	☐	☐
Samples require splitting/compositing?	☐	☐	☒
Samples w/o discrepancies?	☐	☒	☐
Zero headspace?*	☐	☐	☒
Alkalinity has no headspace?	☐	☐	☒
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☒
Multiphasic samples are not present?	☒	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SO Date: 11-12-22

Notes:

Trizma Lot #(s):

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☒	☐	☐
Samples received within hold time?	☒	☐	☐
NCM Filed?	☒	☐	☐
Log Release checked in TALS?	☐	☐	☒

Initials: SO Date: 11-12-22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147752-2

Login Number: 147752
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147752-2

Login Number: 147752
List Number: 4
Creator: Oropeza, Salvador

List Source: Eurofins Sacramento
List Creation: 11/12/22 04:23 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1903884
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.8C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	Refer to Job Narrative for details.
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 11/30/2022 3:06:22 PM

JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-147751-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



Generated
11/30/2022 3:06:22 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Field Data Sheets 154
Receipt Checklists 155

Job ID: 180-147751-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-147751-1

Receipt
The samples were received on 11/11/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.9º C, 2.8º C, 3.0º C, 3.4º C, 5.3º C, 5.4º C, 5.4º C and 5.7º C.

GC/MS VOA
Method 8260D: Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following samples was outside of acceptance criteria: SSHS-IRM5A2-SCV82-0-0.17 (180-147751-1), SSHS-IRM5A2-SCV82-0.17-1 (180-147751-2), SSHS-IRM5A2-SCV82-1-2 (180-147751-3), SSHS-IRM5A2-SCV83-0-0.17 (180-147751-4), SSHS-IRM5A2-SCV84-0-0.17 (180-147751-7), SSHS-IRM5A2-SCV84-0.17-1 (180-147751-8), SSHS-IRM5A2-SCV84-1-2 (180-147751-9), SSHS-IRM5A2-SCV85-0.17-1 (180-147751-12), SSHS-IRM5A2-SCV85-1-2 (180-147751-13), SSHS-IRM5A2-SCV74-0-0.17 (180-147751-14), SSHS-IRM5A2-SCV74-0.17-1 (180-147751-15), SSHS-IRM5A2-SCV74-1-2 (180-147751-16), and SSHS-IRM5A2-SCV67-0-0.17 (180-147751-20) and its matrix spikes. As the corresponding target analyte, 1,4-Dioxane, was not detected in the samples, the results were reported.

Method 8260D: The recovery of surrogate 1,2-Dichloroethane-d4 for the following sample was above the control limits: SSHS-IRM5A2-SCV66-1-2 (180-147751-19). As the surrogate was high and there were no target analytes detected in the sample, the results were reported.

Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV67-0-0.17 (180-147751-20) had many recoveries outside of the control limits. The RPDs between the spikes were within the control limits.

Method 8260D: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for analytical batch 460-877885 recovered above the control limits for the following analytes: Bromomethane, Trichlorofluoromethane and/or 4-Methyl-2-pentanone (MIBK). As these analytes were biased high in the LCS/LCSD and were not detected in the associated samples, the results were reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 460-877885 recovered slightly below the control limits for the following analyte: Methyl tert-butyl ether. As this analyte was within the control limits in the laboratory control sample (LCS) and was not detected in the associated samples, the results were reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 460-878277 recovered slightly below the control limits for the following analyte: Methylene Chloride. As this analyte was within the control limits in the laboratory control sample (LCS) and was not detected in the associated samples, the results were reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-877885 was above criteria for the following analytes: Bromomethane, Dichlorodifluoromethane, Trichlorofluoromethane, and 1,1,1-Trichloroethane. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-877885 was below criteria for the following analyte: Methyl acetate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-878277 was below criteria for the following analytes: Chloromethane, Methyl acetate, and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV67-0-0.17 (180-147751-20) had several recoveries below the control limits. The RPDs between the spikes were within the control limits.

Job ID: 180-147751-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

Method 8270E: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for preparation batch 460-878070 recovered below the control limits for the following analytes: -Bromophenyl phenyl ether, Benzo[a]pyrene, and/or Hexachlorobenzene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8270E: The laboratory control sample (LCS) for preparation batch 460-878070 recovered above the control limits for the following analyte: Caprolactam. As this analyte was biased high in the LCS and was not detected in the associated samples, the results were reported.

Method 8270E: The RPD between the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-878467 was above the control limits for the following analytes: 3,3'-Dichlorobenzidine, 3-Nitroaniline, and 4-Chloroaniline. The recoveries were within the control limits.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878252 was below criteria for the following analyte: Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878252 was above criteria for the following analytes: 2,2'-oxybis[1-chloropropane], 3-Nitroaniline, Atrazine, Caprolactam, Di-n-butyl phthalate, Fluoranthene, Di-n-octyl phthalate, and N-Nitrosodi-n-propylamine. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878431 was below criteria for the following analyte: Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878431 was above criteria for the following analytes: 3,3'-Dichlorobenzidine, 2,4-Dinitrophenol, Atrazine, Benzo(b)fluoranthene, and Indeno[1,2,3-cd]pyrene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878502 was below criteria for the following analyte: Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878553 was below criteria for the following analytes: Benzaldehyde and Hexachlorobenzene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878553 was above criteria for the following analytes: Benzo[k]fluoranthene and Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV67-0-0.17 (180-147751-20) had the recoveries of antimony and lead below the control limits. The RPDs between the spikes and the recoveries of the laboratory control

Job ID: 180-147751-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

sample were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	04-01-23

Laboratory: Eurofins Canton

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	04-01-23

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Sample Summary

Client: Geosyntec Consultants, Inc.
Project/Site: Former Sperry Remington-Soil Cover Verification

Job ID: 180-147751-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Solid	11/10/22 13:30	11/11/22 09:00
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Solid	11/10/22 13:35	11/11/22 09:00
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Solid	11/10/22 13:40	11/11/22 09:00
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Solid	11/10/22 13:45	11/11/22 09:00
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Solid	11/10/22 13:50	11/11/22 09:00
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Solid	11/10/22 13:55	11/11/22 09:00
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Solid	11/10/22 14:00	11/11/22 09:00
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Solid	11/10/22 14:05	11/11/22 09:00
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Solid	11/10/22 14:10	11/11/22 09:00
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Solid	11/10/22 14:15	11/11/22 09:00
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Solid	11/10/22 00:00	11/11/22 09:00
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Solid	11/10/22 14:20	11/11/22 09:00
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Solid	11/10/22 14:25	11/11/22 09:00
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Solid	11/10/22 14:30	11/11/22 09:00
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Solid	11/10/22 14:35	11/11/22 09:00
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Solid	11/10/22 14:40	11/11/22 09:00
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Solid	11/10/22 14:45	11/11/22 09:00
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Solid	11/10/22 14:50	11/11/22 09:00
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Solid	11/10/22 14:55	11/11/22 09:00
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Solid	11/10/22 15:00	11/11/22 09:00

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
6010D	Metals (ICP)	SW846	EET CAN
7471B	Mercury (CVAA)	SW846	EET CAN
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET CAN
3541	Automated Soxhlet Extraction	SW846	EET PIT
3546	Microwave Extraction	SW846	EET EDI
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17 — Lab Sample ID: 180-147751-1

Date Collected: 11/10/22 13:30 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17 — Lab Sample ID: 180-147751-1

Date Collected: 11/10/22 13:30 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 90.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.327 g	5 mL	877522	11/12/22 09:24	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	877885	11/15/22 08:01	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.08 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878252	11/16/22 23:37	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 02:28	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.41 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 10:27	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.70 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:50	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-1 — Lab Sample ID: 180-147751-2

Date Collected: 11/10/22 13:35 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-1 — Lab Sample ID: 180-147751-2

Date Collected: 11/10/22 13:35 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 93.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.981 g	5 mL	877522	11/12/22 09:24	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	877885	11/15/22 08:24	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.07 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878252	11/17/22 00:00	DXD	EET EDI
	Instrument ID: CBNAMS11									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-1 Lab Sample ID: 180-147751-2

Date Collected: 11/10/22 13:35 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 93.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 02:46	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.21 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 10:32	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.64 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:09	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV82-1-2 Lab Sample ID: 180-147751-3

Date Collected: 11/10/22 13:40 **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV82-1-2 Lab Sample ID: 180-147751-3

Date Collected: 11/10/22 13:40 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.222 g	5 mL	877522	11/12/22 09:24	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	877885	11/15/22 08:46	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.06 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878252	11/17/22 00:23	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 03:05	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.10 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 10:45	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.61 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:11	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV83-0-0.17 — Lab Sample ID: 180-147751-4

Date Collected: 11/10/22 13:45 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV83-0-0.17 — Lab Sample ID: 180-147751-4

Date Collected: 11/10/22 13:45 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 91.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.787 g	5 mL	877522	11/12/22 09:25	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	877885	11/15/22 09:09	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.05 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878252	11/17/22 00:46	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 03:24	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.26 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 10:49	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.58 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:13	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV83-0.17-1 — Lab Sample ID: 180-147751-5

Date Collected: 11/10/22 13:50 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV83-0.17-1 — Lab Sample ID: 180-147751-5

Date Collected: 11/10/22 13:50 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 98.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.066 g	5 mL	877522	11/12/22 09:25	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	877885	11/15/22 09:31	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.05 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878252	11/17/22 01:54	DXD	EET EDI
	Instrument ID: CBNAMS11									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV83-0.17-1 — Lab Sample ID: 180-147751-5

Date Collected: 11/10/22 13:50 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 98.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 03:42	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.31 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 10:54	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.54 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:16	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV83-1-2 — Lab Sample ID: 180-147751-6

Date Collected: 11/10/22 13:55 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV83-1-2 — Lab Sample ID: 180-147751-6

Date Collected: 11/10/22 13:55 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 91.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.787 g	5 mL	877522	11/12/22 09:26	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	877885	11/15/22 09:54	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.06 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878252	11/17/22 01:08	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 04:01	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.37 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 10:58	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.61 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:18	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV84-0-0.17 — Lab Sample ID: 180-147751-7

Date Collected: 11/10/22 14:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV84-0-0.17 — Lab Sample ID: 180-147751-7

Date Collected: 11/10/22 14:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.123 g	5 mL	877522	11/12/22 09:26	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	877885	11/15/22 10:16	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.01 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878252	11/17/22 01:31	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 04:20	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.17 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 11:02	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.64 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:20	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV84-0.17-1 — Lab Sample ID: 180-147751-8

Date Collected: 11/10/22 14:05 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV84-0.17-1 — Lab Sample ID: 180-147751-8

Date Collected: 11/10/22 14:05 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.749 g	5 mL	877522	11/12/22 09:26	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	877885	11/15/22 10:39	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.03 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878252	11/16/22 19:01	DXD	EET EDI
	Instrument ID: CBNAMS11									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV84-0.17-1 Lab Sample ID: 180-147751-8

Date Collected: 11/10/22 14:05 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 97.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 04:38	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.02 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 11:07	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.58 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:22	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV84-1-2 Lab Sample ID: 180-147751-9

Date Collected: 11/10/22 14:10 **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV84-1-2 Lab Sample ID: 180-147751-9

Date Collected: 11/10/22 14:10 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.182 g	5 mL	877522	11/12/22 09:27	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/16/22 22:22	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.06 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 20:33	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 04:57	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.33 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 11:11	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.64 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:24	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV85-0-0.17 Lab Sample ID: 180-147751-10

Date Collected: 11/10/22 14:15 **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV85-0-0.17 Lab Sample ID: 180-147751-10

Date Collected: 11/10/22 14:15 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.318 g	5 mL	877522	11/12/22 09:27	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/16/22 22:45	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.08 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 20:50	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 05:16	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.20 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 11:16	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.59 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:26	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV-DUP1 Lab Sample ID: 180-147751-11

Date Collected: 11/10/22 00:00 **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP1 Lab Sample ID: 180-147751-11

Date Collected: 11/10/22 00:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.966 g	5 mL	877522	11/12/22 09:28	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/16/22 23:07	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.05 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 21:07	DXD	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV-DUP1 — Lab Sample ID: 180-147751-11

Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 06:11	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.08 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 11:20	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.54 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:28	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV85-0.17-1 — Lab Sample ID: 180-147751-12

Date Collected: 11/10/22 14:20 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV85-0.17-1 — Lab Sample ID: 180-147751-12

Date Collected: 11/10/22 14:20 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 95.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.207 g	5 mL	877522	11/12/22 09:28	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/16/22 23:30	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.06 g	1 mL	878467	11/17/22 10:08	ZEH	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878553	11/18/22 02:09	MME	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 06:30	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.23 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 11:32	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.67 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:35	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV85-1-2 — Lab Sample ID: 180-147751-13

Date Collected: 11/10/22 14:25 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV85-1-2 — Lab Sample ID: 180-147751-13

Date Collected: 11/10/22 14:25 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.945 g	5 mL	877522	11/12/22 09:29	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/16/22 23:52	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.05 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878431	11/17/22 19:21	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 06:49	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.03 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 11:49	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.58 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:37	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV74-0-0.17 — Lab Sample ID: 180-147751-14

Date Collected: 11/10/22 14:30 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV74-0-0.17 — Lab Sample ID: 180-147751-14

Date Collected: 11/10/22 14:30 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.182 g	5 mL	877522	11/12/22 09:29	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/17/22 00:15	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.02 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878431	11/17/22 17:52	DXD	EET EDI
	Instrument ID: CBNAMS12									

Client Sample ID: SSHS-IRM5A2-SCV74-0-0.17 — Lab Sample ID: 180-147751-14

Date Collected: 11/10/22 14:30 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 07:07	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.09 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 11:54	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.61 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:39	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV74-0.17-1 — Lab Sample ID: 180-147751-15

Date Collected: 11/10/22 14:35 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV74-0.17-1 — Lab Sample ID: 180-147751-15

Date Collected: 11/10/22 14:35 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 95.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.618 g	5 mL	877522	11/12/22 09:29	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/17/22 00:37	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.00 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878431	11/17/22 18:14	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.2 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 07:26	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.26 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 11:58	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.58 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:41	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV74-1-2 — Lab Sample ID: 180-147751-16

Date Collected: 11/10/22 14:40 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV74-1-2 — Lab Sample ID: 180-147751-16

Date Collected: 11/10/22 14:40 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 96.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.048 g	5 mL	877522	11/12/22 09:30	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/17/22 01:00	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.01 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878431	11/17/22 15:17	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.4 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 07:45	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.19 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 12:02	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.62 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:43	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV66-0-0.17 — Lab Sample ID: 180-147751-17

Date Collected: 11/10/22 14:45 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV66-0-0.17 — Lab Sample ID: 180-147751-17

Date Collected: 11/10/22 14:45 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 91.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.721 g	5 mL	877522	11/12/22 09:30	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/17/22 01:22	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.03 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878431	11/17/22 16:01	DXD	EET EDI
	Instrument ID: CBNAMS12									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV66-0-0.17 — Lab Sample ID: 180-147751-17

Date Collected: 11/10/22 14:45 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 91.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 08:03	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.43 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 12:07	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.60 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:45	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV66-0.17-1 — Lab Sample ID: 180-147751-18

Date Collected: 11/10/22 14:50 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV66-0.17-1 — Lab Sample ID: 180-147751-18

Date Collected: 11/10/22 14:50 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 93.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.728 g	5 mL	877522	11/12/22 09:31	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/17/22 01:45	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.07 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878431	11/17/22 16:23	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.2 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 08:22	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.17 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 13:19	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.64 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:34	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV66-1-2 — Lab Sample ID: 180-147751-19

Date Collected: 11/10/22 14:55
Date Received: 11/11/22 09:00
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV66-1-2 — Lab Sample ID: 180-147751-19

Date Collected: 11/10/22 14:55
Date Received: 11/11/22 09:00
Matrix: Solid
Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.533 g	5 mL	877522	11/12/22 09:31	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/17/22 02:07	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.05 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878431	11/17/22 16:45	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.4 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 08:41	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.18 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 12:16	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.66 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:49	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17 — Lab Sample ID: 180-147751-20

Date Collected: 11/10/22 15:00
Date Received: 11/11/22 09:00
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877451	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17 — Lab Sample ID: 180-147751-20

Date Collected: 11/10/22 15:00
Date Received: 11/11/22 09:00
Matrix: Solid
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.837 g	5 mL	877522	11/12/22 09:31	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	877885	11/15/22 11:01	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.01 g	1 mL	878070	11/15/22 22:13	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878252	11/16/22 22:04	DXD	EET EDI
	Instrument ID: CBNAMS11									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17 **Lab Sample ID: 180-147751-20**
Date Collected: 11/10/22 15:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	418114	11/14/22 10:35	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418713	11/19/22 05:50	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418714	11/19/22 05:51	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419023	11/24/22 01:32	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.14 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 10:01	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.61 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:43	DSH	EET CAN
	Instrument ID: H3									

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900
EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: EET CAN
- Batch Type: Prep
  - DEE = Dale Elshaw
- Batch Type: Analysis
  - DSH = David Heakin
  - KLC = Karen Counts
  - RKT = Roger Toth

Lab: EET EDI
- Batch Type: Prep
  - GXY = Gopichand Yallabandi
  - SAS = Samantha Shelton
  - ZEH = Zill Huma
- Batch Type: Analysis
  - CJC = Claudia Cho
  - DXD = Djedjiga Dekkar
  - EMM = Eddie Martinez
  - MME = Mustafa Eisa

Lab: EET PIT
- Batch Type: Cleanup
  - JMO = John Oravec
- Batch Type: Prep
  - AAS = Arianna Swick
- Batch Type: Analysis
  - JMO = John Oravec

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17 **Lab Sample ID: 180-147751-1**
Date Collected: 11/10/22 13:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 90.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.2	5.9	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Benzene	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Bromoform	ND		1.0	0.44	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Bromomethane	ND	*+	2.1	1.0	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
2-Butanone (MEK)	ND		5.2	0.38	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Carbon disulfide	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Carbon tetrachloride	ND		1.0	0.40	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Chlorodibromomethane	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Chloroethane	ND		1.0	0.54	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Chloroform	ND		1.0	1.0	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Chloromethane	ND		1.0	0.45	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
cis-1,2-Dichloroethene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Cyclohexane	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.48	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,2-Dibromoethane	ND		1.0	0.19	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,2-Dichlorobenzene	ND		1.0	0.38	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,3-Dichlorobenzene	ND		1.0	0.38	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Dichlorobromomethane	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,2-Dichloroethane	ND		1.0	0.31	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,2-Dichloroethene, Total	ND		2.1	0.40	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,2-Dichloropropane	ND		1.0	0.44	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,4-Dioxane	ND	*3	100	9.5	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Ethylbenzene	ND		1.0	0.21	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
2-Hexanone	ND		5.2	1.8	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Isopropylbenzene	ND		1.0	0.30	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Methyl acetate	ND		5.2	4.5	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Methylcyclohexane	ND		1.0	0.52	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Methylene Chloride	ND		2.1	1.2	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.2	1.6	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Methyl tert-butyl ether	ND	*-	1.0	0.53	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
m-Xylene & p-Xylene	**0.38**	**J**	1.0	0.18	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Styrene	ND		1.0	0.29	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Tetrachloroethene	ND		1.0	0.32	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Toluene	**0.40**	**J**	1.0	0.24	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
trans-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,2,3-Trichlorobenzene	ND		1.0	0.19	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17 **Lab Sample ID: 180-147751-1**
Date Collected: 11/10/22 13:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 90.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.33	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Trichlorofluoromethane	ND	*+	1.0	0.42	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Vinyl chloride	ND		1.0	0.57	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1
Xylenes, Total	**0.38**	**J**	2.1	0.18	ug/Kg	☼	11/12/22 09:24	11/15/22 08:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*75 - 139*	*11/12/22 09:24*	*11/15/22 08:01*	*1*
Dibromofluoromethane (Surr)	*103*		*73 - 139*	*11/12/22 09:24*	*11/15/22 08:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*72 - 145*	*11/12/22 09:24*	*11/15/22 08:01*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*11/12/22 09:24*	*11/15/22 08:01*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Acenaphthylene	**18**	**J**	360	10	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Acetophenone	ND		360	18	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Anthracene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Atrazine	ND		150	21	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Benzaldehyde	ND		360	60	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Benzo[a]anthracene	**49**		36	13	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Benzo[a]pyrene	**54**	*-	36	9.7	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Benzo[b]fluoranthene	**86**		36	9.4	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Benzo[g,h,i]perylene	**32**	**J**	360	11	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Benzo[k]fluoranthene	**30**	**J**	36	7.2	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
4-Bromophenyl phenyl ether	ND	*-	360	14	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Caprolactam	ND	*+	360	57	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
4-Chloroaniline	ND		360	65	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Chrysene	**65**	**J**	360	6.2	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2,4-Dimethylphenol	ND		360	44	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Dimethyl phthalate	ND		360	83	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2,4-Dinitrotoluene	ND		74	39	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17 Lab Sample ID: 180-147751-1

Date Collected: 11/10/22 13:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 90.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		74	26	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
1,4-Dioxane	ND		36	32	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Fluoranthene	**83**	**J**	360	13	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Fluorene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Hexachlorobenzene	ND	*-	36	17	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Hexachlorobutadiene	ND		74	7.8	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Hexachloroethane	ND		36	13	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Indeno[1,2,3-cd]pyrene	**38**		36	14	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Isophorone	ND		150	110	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2-Methylphenol	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Naphthalene	**7.1**	**J**	360	6.3	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2-Nitroaniline	ND		360	28	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
3-Nitroaniline	ND		360	87	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
4-Nitroaniline	ND		360	42	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2-Nitrophenol	ND		360	37	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
4-Nitrophenol	ND		740	59	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2,2'-oxybis[1-chloropropane]	ND		360	6.6	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Pentachlorophenol	ND		290	75	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Phenanthrene	**33**	**J**	360	6.4	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Phenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
Pyrene	**75**	**J**	360	9.1	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2,3,4,6-Tetrachlorophenol	ND		360	25	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/15/22 22:13	11/16/22 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*22 - 122*	*11/15/22 22:13*	*11/16/22 23:37*	*1*
2-Fluorophenol (Surr)	*48*		*18 - 123*	*11/15/22 22:13*	*11/16/22 23:37*	*1*
Nitrobenzene-d5 (Surr)	*57*		*16 - 125*	*11/15/22 22:13*	*11/16/22 23:37*	*1*
Phenol-d5 (Surr)	*66*		*23 - 120*	*11/15/22 22:13*	*11/16/22 23:37*	*1*
Terphenyl-d14 (Surr)	*72*		*25 - 126*	*11/15/22 22:13*	*11/16/22 23:37*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 123*	*11/15/22 22:13*	*11/16/22 23:37*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	11/14/22 10:35	11/24/22 02:28	1
PCB-1221	ND		18	6.5	ug/Kg	☼	11/14/22 10:35	11/24/22 02:28	1
PCB-1232	ND		18	4.5	ug/Kg	☼	11/14/22 10:35	11/24/22 02:28	1
PCB-1242	ND		18	2.7	ug/Kg	☼	11/14/22 10:35	11/24/22 02:28	1
PCB-1248	ND		18	4.4	ug/Kg	☼	11/14/22 10:35	11/24/22 02:28	1
PCB-1254	**14**	**J**	18	5.5	ug/Kg	☼	11/14/22 10:35	11/24/22 02:28	1
PCB-1260	ND		18	5.2	ug/Kg	☼	11/14/22 10:35	11/24/22 02:28	1

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17 — Lab Sample ID: 180-147751-1

Date Collected: 11/10/22 13:30 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 90.2**

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		18	6.5	ug/Kg	☼	11/14/22 10:35	11/24/22 02:28	1
PCB-1268	ND		18	2.5	ug/Kg	☼	11/14/22 10:35	11/24/22 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*63 - 138*	*11/14/22 10:35*	*11/24/22 02:28*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*63 - 138*	*11/14/22 10:35*	*11/24/22 02:28*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*55 - 135*	*11/14/22 10:35*	*11/24/22 02:28*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*11/14/22 10:35*	*11/24/22 02:28*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7200**		16	4.2	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Antimony	**0.84**	**J**	1.6	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Arsenic	**6.6**		1.2	0.25	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Barium	**73**		16	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Beryllium	**0.28**	**J**	0.39	0.042	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Cadmium	**0.26**	**J**	0.39	0.038	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Calcium	**21000**		390	29	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Chromium	**11**		0.79	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Cobalt	**7.1**		0.79	0.16	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Copper	**23**		2.0	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Iron	**16000**		16	5.5	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Lead	**77**		0.79	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Magnesium	**4600**		390	36	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Manganese	**400**		1.2	0.87	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Nickel	**22**		3.1	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Potassium	**780**		390	62	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Selenium	ND		1.6	0.37	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Silver	ND		0.79	0.064	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Sodium	**70**	**J**	390	49	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Thallium	ND		1.6	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Vanadium	**11**		3.9	0.65	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1
Zinc	**140**		3.9	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 10:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.058**	**J**	0.095	0.017	mg/Kg	☼	11/14/22 15:00	11/15/22 14:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.8**		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	**90.2**		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-1 — Lab Sample ID: 180-147751-2

Date Collected: 11/10/22 13:35 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 93.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		8.1	7.7	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Benzene	ND		1.3	0.35	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-1
Lab Sample ID: 180-147751-2
Date Collected: 11/10/22 13:35
Matrix: Solid
Date Received: 11/11/22 09:00
Percent Solids: 93.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.3	0.57	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Bromomethane	ND	*+	2.7	1.3	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
2-Butanone (MEK)	ND		6.7	0.50	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Carbon disulfide	ND		1.3	0.36	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Carbon tetrachloride	ND		1.3	0.52	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Chlorobenzene	ND		1.3	0.24	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Chlorobromomethane	ND		1.3	0.38	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Chlorodibromomethane	ND		1.3	0.26	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Chloroethane	ND		1.3	0.70	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Chloroform	ND		1.3	1.3	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Chloromethane	ND		1.3	0.59	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
cis-1,2-Dichloroethene	ND		1.3	0.48	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
cis-1,3-Dichloropropene	ND		1.3	0.37	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Cyclohexane	ND		1.3	0.30	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,2-Dibromo-3-Chloropropane	ND		1.3	0.62	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,2-Dibromoethane	ND		1.3	0.24	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,2-Dichlorobenzene	ND		1.3	0.49	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,3-Dichlorobenzene	ND		1.3	0.49	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,4-Dichlorobenzene	ND		1.3	0.30	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Dichlorobromomethane	ND		1.3	0.35	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Dichlorodifluoromethane	ND		1.3	0.46	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,1-Dichloroethane	ND		1.3	0.28	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,2-Dichloroethane	ND		1.3	0.40	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,1-Dichloroethene	ND		1.3	0.30	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,2-Dichloroethene, Total	ND		2.7	0.52	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,2-Dichloropropane	ND		1.3	0.57	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,4-Dioxane	ND	*3	130	12	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Ethylbenzene	ND		1.3	0.27	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
2-Hexanone	ND		6.7	2.3	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Isopropylbenzene	ND		1.3	0.38	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Methyl acetate	ND		6.7	5.8	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Methylcyclohexane	ND		1.3	0.67	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Methylene Chloride	ND		2.7	1.5	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
4-Methyl-2-pentanone (MIBK)	ND	*+	6.7	2.1	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Methyl tert-butyl ether	ND	*-	1.3	0.69	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
m-Xylene & p-Xylene	**0.36**	**J**	1.3	0.23	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
o-Xylene	ND		1.3	0.26	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Styrene	ND		1.3	0.38	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,1,2,2-Tetrachloroethane	ND		1.3	0.29	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Tetrachloroethene	ND		1.3	0.41	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Toluene	**0.42**	**J**	1.3	0.32	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
trans-1,2-Dichloroethene	ND		1.3	0.33	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
trans-1,3-Dichloropropene	ND		1.3	0.36	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,2,3-Trichlorobenzene	ND		1.3	0.24	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,2,4-Trichlorobenzene	ND		1.3	0.48	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,1,1-Trichloroethane	ND		1.3	0.31	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
1,1,2-Trichloroethane	ND		1.3	0.24	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Trichloroethene	ND		1.3	0.43	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Trichlorofluoromethane	ND	*+	1.3	0.55	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-1 **Lab Sample ID: 180-147751-2**
Date Collected: 11/10/22 13:35 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 93.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.3	0.41	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Vinyl chloride	ND		1.3	0.74	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1
Xylenes, Total	**0.36**	**J**	2.7	0.23	ug/Kg	☼	11/12/22 09:24	11/15/22 08:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*75 - 139*	*11/12/22 09:24*	*11/15/22 08:24*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 139*	*11/12/22 09:24*	*11/15/22 08:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 145*	*11/12/22 09:24*	*11/15/22 08:24*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/12/22 09:24*	*11/15/22 08:24*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Acenaphthylene	**32**	**J**	350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Acetophenone	ND		350	17	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Anthracene	**13**	**J**	350	11	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Benzaldehyde	ND		350	59	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Benzo[a]anthracene	**72**		35	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Benzo[a]pyrene	**73**	***-**	35	9.4	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Benzo[b]fluoranthene	**130**		35	9.2	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Benzo[g,h,i]perylene	**46**	**J**	350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Benzo[k]fluoranthene	**46**		35	6.9	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Bis(2-chloroethoxy)methane	ND		350	28	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Bis(2-ethylhexyl) phthalate	**61**	**J**	350	19	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
4-Bromophenyl phenyl ether	ND	*-	350	14	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Butyl benzyl phthalate	ND		350	17	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Caprolactam	ND	*+	350	55	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Carbazole	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
4-Chloroaniline	ND		350	63	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2-Chlorophenol	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Chrysene	**100**	**J**	350	6.0	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Dibenz(a,h)anthracene	**16**	**J**	35	15	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Dibenzofuran	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
3,3'-Dichlorobenzidine	ND		140	53	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2,4-Dimethylphenol	ND		350	42	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Dimethyl phthalate	ND		350	80	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Di-n-butyl phthalate	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Di-n-octyl phthalate	ND		350	19	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-1 **Lab Sample ID: 180-147751-2**
Date Collected: 11/10/22 13:35 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 93.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		35	31	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Fluoranthene	**150**	**J**	350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Fluorene	ND		350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Hexachlorobenzene	ND	*-	35	17	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Hexachlorobutadiene	ND		72	7.5	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Hexachlorocyclopentadiene	ND		350	31	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Indeno[1,2,3-cd]pyrene	**54**		35	14	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2-Methylnaphthalene	**17**	**J**	350	9.9	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Naphthalene	**24**	**J**	350	6.1	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
3-Nitroaniline	ND		350	84	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
4-Nitroaniline	ND		350	41	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Nitrobenzene	ND		35	20	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
N-Nitrosodi-n-propylamine	ND		35	26	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2,2'-oxybis[1-chloropropane]	ND		350	6.4	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Pentachlorophenol	ND		280	73	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Phenanthrene	**74**	**J**	350	6.2	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Phenol	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
Pyrene	**120**	**J**	350	8.8	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2,3,4,6-Tetrachlorophenol	ND		350	24	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	11/15/22 22:13	11/17/22 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*22 - 122*	*11/15/22 22:13*	*11/17/22 00:00*	*1*
2-Fluorophenol (Surr)	*58*		*18 - 123*	*11/15/22 22:13*	*11/17/22 00:00*	*1*
Nitrobenzene-d5 (Surr)	*66*		*16 - 125*	*11/15/22 22:13*	*11/17/22 00:00*	*1*
Phenol-d5 (Surr)	*76*		*23 - 120*	*11/15/22 22:13*	*11/17/22 00:00*	*1*
Terphenyl-d14 (Surr)	*71*		*25 - 126*	*11/15/22 22:13*	*11/17/22 00:00*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 123*	*11/15/22 22:13*	*11/17/22 00:00*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/14/22 10:35	11/24/22 02:46	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/14/22 10:35	11/24/22 02:46	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 02:46	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:35	11/24/22 02:46	1
PCB-1248	ND		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 02:46	1
PCB-1254	**14**	**J**	18	5.3	ug/Kg	☼	11/14/22 10:35	11/24/22 02:46	1
PCB-1260	ND		18	5.1	ug/Kg	☼	11/14/22 10:35	11/24/22 02:46	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/14/22 10:35	11/24/22 02:46	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:35	11/24/22 02:46	1

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-1 — Lab Sample ID: 180-147751-2

Date Collected: 11/10/22 13:35 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 93.0**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*83*		*63 - 138*	*11/14/22 10:35*	*11/24/22 02:46*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*11/14/22 10:35*	*11/24/22 02:46*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*11/14/22 10:35*	*11/24/22 02:46*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*11/14/22 10:35*	*11/24/22 02:46*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7100**		18	4.7	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Antimony	**1.1**	**J**	1.8	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Arsenic	**9.2**		1.3	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Barium	**110**		18	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Beryllium	**0.36**	**J**	0.44	0.048	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Cadmium	**0.55**		0.44	0.043	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Calcium	**15000**		440	32	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Chromium	**16**		0.89	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Cobalt	**7.4**		0.89	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Copper	**48**		2.2	0.21	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Iron	**19000**		18	6.2	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Lead	**130**		0.89	0.25	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Magnesium	**2600**		440	41	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Manganese	**390**		1.3	0.99	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Nickel	**23**		3.6	0.21	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Potassium	**750**		440	70	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Selenium	**0.78**	**J**	1.8	0.42	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Silver	**0.10**	**J**	0.89	0.072	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Sodium	**77**	**J**	440	56	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Thallium	ND		1.8	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Vanadium	**15**		4.4	0.73	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1
Zinc	**280**		4.4	1.2	mg/Kg	☼	11/14/22 15:00	11/15/22 10:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.21**		0.10	0.018	mg/Kg	☼	11/14/22 15:00	11/15/22 15:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.0**		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	**93.0**		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV82-1-2 — Lab Sample ID: 180-147751-3

Date Collected: 11/10/22 13:40 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 94.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		9.9	9.4	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Benzene	ND		1.6	0.42	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Bromoform	ND		1.6	0.70	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Bromomethane	ND	*+	3.3	1.6	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
2-Butanone (MEK)	ND		8.2	0.60	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Carbon disulfide	ND		1.6	0.44	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV82-1-2
Lab Sample ID: 180-147751-3
Date Collected: 11/10/22 13:40
Matrix: Solid
Date Received: 11/11/22 09:00
Percent Solids: 94.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.6	0.64	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Chlorobenzene	ND		1.6	0.29	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Chlorobromomethane	ND		1.6	0.46	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Chlorodibromomethane	ND		1.6	0.32	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Chloroethane	ND		1.6	0.86	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Chloroform	ND		1.6	1.6	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Chloromethane	ND		1.6	0.71	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
cis-1,2-Dichloroethene	ND		1.6	0.59	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
cis-1,3-Dichloropropene	ND		1.6	0.45	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Cyclohexane	ND		1.6	0.36	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,2-Dibromo-3-Chloropropane	ND		1.6	0.76	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,2-Dibromoethane	ND		1.6	0.30	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,2-Dichlorobenzene	ND		1.6	0.59	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,3-Dichlorobenzene	ND		1.6	0.60	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,4-Dichlorobenzene	ND		1.6	0.37	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Dichlorobromomethane	ND		1.6	0.42	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Dichlorodifluoromethane	ND		1.6	0.56	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,1-Dichloroethane	ND		1.6	0.34	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,2-Dichloroethane	ND		1.6	0.49	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,1-Dichloroethene	ND		1.6	0.37	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,2-Dichloroethene, Total	ND		3.3	0.63	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,2-Dichloropropane	ND		1.6	0.69	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,4-Dioxane	ND	*3	160	15	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Ethylbenzene	ND		1.6	0.33	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
2-Hexanone	ND		8.2	2.8	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Isopropylbenzene	ND		1.6	0.47	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Methyl acetate	ND		8.2	7.1	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Methylcyclohexane	ND		1.6	0.82	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Methylene Chloride	ND		3.3	1.9	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
4-Methyl-2-pentanone (MIBK)	ND	*+	8.2	2.6	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Methyl tert-butyl ether	ND	*-	1.6	0.84	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
m-Xylene & p-Xylene	**0.42**	**J**	1.6	0.29	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
o-Xylene	ND		1.6	0.32	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Styrene	ND		1.6	0.46	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.35	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Tetrachloroethene	ND		1.6	0.50	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Toluene	ND		1.6	0.38	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
trans-1,2-Dichloroethene	ND		1.6	0.40	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
trans-1,3-Dichloropropene	ND		1.6	0.44	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,2,3-Trichlorobenzene	ND		1.6	0.30	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,2,4-Trichlorobenzene	ND		1.6	0.59	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,1,1-Trichloroethane	ND		1.6	0.38	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,1,2-Trichloroethane	ND		1.6	0.29	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Trichloroethene	ND		1.6	0.53	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Trichlorofluoromethane	ND	*+	1.6	0.67	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.6	0.49	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Vinyl chloride	ND		1.6	0.90	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1
Xylenes, Total	**0.42**	**J**	3.3	0.29	ug/Kg	☼	11/12/22 09:24	11/15/22 08:46	1

Client Sample ID: SSHS-IRM5A2-SCV82-1-2 Lab Sample ID: 180-147751-3

Date Collected: 11/10/22 13:40 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.5**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*75 - 139*	*11/12/22 09:24*	*11/15/22 08:46*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 139*	*11/12/22 09:24*	*11/15/22 08:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*72 - 145*	*11/12/22 09:24*	*11/15/22 08:46*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*11/12/22 09:24*	*11/15/22 08:46*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	9.9	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Acenaphthylene	**20**	**J**	350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Acetophenone	ND		350	17	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Anthracene	ND		350	11	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Benzaldehyde	ND		350	58	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Benzo[a]anthracene	**54**		35	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Benzo[a]pyrene	**57**	***-**	35	9.3	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Benzo[b]fluoranthene	**95**		35	9.0	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Benzo[g,h,i]perylene	**32**	**J**	350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Benzo[k]fluoranthene	**33**	**J**	35	6.8	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Bis(2-chloroethoxy)methane	ND		350	27	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Bis(2-ethylhexyl) phthalate	**19**	**J**	350	18	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
4-Bromophenyl phenyl ether	ND	*-	350	14	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Butyl benzyl phthalate	ND		350	16	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Caprolactam	ND	*+	350	54	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Carbazole	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
4-Chloroaniline	ND		350	62	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2-Chlorophenol	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Chrysene	**71**	**J**	350	5.9	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Dibenzofuran	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
3,3'-Dichlorobenzidine	ND		140	53	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2,4-Dimethylphenol	ND		350	42	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Dimethyl phthalate	ND		350	79	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Di-n-butyl phthalate	**15**	**J**	350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2,4-Dinitrotoluene	ND		71	38	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2,6-Dinitrotoluene	ND		71	25	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Di-n-octyl phthalate	ND		350	18	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
1,4-Dioxane	ND		35	30	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Fluoranthene	**96**	**J**	350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Fluorene	ND		350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Hexachlorobenzene	ND	*-	35	17	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Hexachlorobutadiene	ND		71	7.4	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1

Client Sample ID: SSHS-IRM5A2-SCV82-1-2 **Lab Sample ID: 180-147751-3**
Date Collected: 11/10/22 13:40 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		350	31	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Indeno[1,2,3-cd]pyrene	**38**		35	14	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2-Methylnaphthalene	ND		350	9.8	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Naphthalene	**7.9**	**J**	350	6.0	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
3-Nitroaniline	ND		350	83	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
4-Nitroaniline	ND		350	40	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Nitrobenzene	ND		35	19	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
4-Nitrophenol	ND		710	57	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
N-Nitrosodi-n-propylamine	ND		35	25	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2,2'-oxybis[1-chloropropane]	ND		350	6.3	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Pentachlorophenol	ND		280	71	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Phenanthrene	**41**	**J**	350	6.1	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Phenol	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
Pyrene	**81**	**J**	350	8.7	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2,3,4,6-Tetrachlorophenol	ND		350	24	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	11/15/22 22:13	11/17/22 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*22 - 122*	*11/15/22 22:13*	*11/17/22 00:23*	*1*
2-Fluorophenol (Surr)	*55*		*18 - 123*	*11/15/22 22:13*	*11/17/22 00:23*	*1*
Nitrobenzene-d5 (Surr)	*64*		*16 - 125*	*11/15/22 22:13*	*11/17/22 00:23*	*1*
Phenol-d5 (Surr)	*72*		*23 - 120*	*11/15/22 22:13*	*11/17/22 00:23*	*1*
Terphenyl-d14 (Surr)	*69*		*25 - 126*	*11/15/22 22:13*	*11/17/22 00:23*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 123*	*11/15/22 22:13*	*11/17/22 00:23*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.7	ug/Kg	☼	11/14/22 10:35	11/24/22 03:05	1
PCB-1221	ND		18	6.2	ug/Kg	☼	11/14/22 10:35	11/24/22 03:05	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 03:05	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:35	11/24/22 03:05	1
PCB-1248	ND		18	4.2	ug/Kg	☼	11/14/22 10:35	11/24/22 03:05	1
PCB-1254	**41**		18	5.3	ug/Kg	☼	11/14/22 10:35	11/24/22 03:05	1
PCB-1260	**21**		18	5.0	ug/Kg	☼	11/14/22 10:35	11/24/22 03:05	1
PCB-1262	ND		18	6.2	ug/Kg	☼	11/14/22 10:35	11/24/22 03:05	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:35	11/24/22 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*	*11/14/22 10:35*	*11/24/22 03:05*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*63 - 138*	*11/14/22 10:35*	*11/24/22 03:05*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*11/14/22 10:35*	*11/24/22 03:05*	*1*

Client Sample ID: SSHS-IRM5A2-SCV82-1-2 — Lab Sample ID: 180-147751-3

Date Collected: 11/10/22 13:40 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 94.5**

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	83		55 - 135	11/14/22 10:35	11/24/22 03:05	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7200		19	5.1	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Antimony	2.3		1.9	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Arsenic	15		1.4	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Barium	130		19	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Beryllium	0.44	J	0.48	0.052	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Cadmium	0.63		0.48	0.046	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Calcium	8500		480	35	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Chromium	16		0.96	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Cobalt	7.4		0.96	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Copper	55		2.4	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Iron	20000		19	6.7	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Lead	220		0.96	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Magnesium	2000		480	44	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Manganese	390		1.4	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Nickel	28		3.8	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Potassium	730		480	76	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Selenium	1.3	J	1.9	0.45	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Silver	0.23	J	0.96	0.078	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Sodium	82	J	480	60	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Thallium	ND		1.9	0.38	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Vanadium	15		4.8	0.79	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1
Zinc	270		4.8	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 10:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20		0.10	0.019	mg/Kg	☼	11/14/22 15:00	11/15/22 15:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.5		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	94.5		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV83-0-0.17 — Lab Sample ID: 180-147751-4

Date Collected: 11/10/22 13:45 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 91.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.7	5.4	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Benzene	ND		0.94	0.24	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Bromoform	ND		0.94	0.40	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Bromomethane	ND	*+	1.9	0.94	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
2-Butanone (MEK)	ND		4.7	0.35	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Carbon disulfide	ND		0.94	0.25	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Carbon tetrachloride	ND		0.94	0.36	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Chlorobenzene	ND		0.94	0.17	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV83-0-0.17
Lab Sample ID: 180-147751-4
Date Collected: 11/10/22 13:45
Matrix: Solid
Date Received: 11/11/22 09:00
Percent Solids: 91.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		0.94	0.26	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Chlorodibromomethane	ND		0.94	0.18	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Chloroethane	ND		0.94	0.49	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Chloroform	ND		0.94	0.91	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Chloromethane	ND		0.94	0.41	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
cis-1,2-Dichloroethene	ND		0.94	0.34	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
cis-1,3-Dichloropropene	ND		0.94	0.26	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Cyclohexane	ND		0.94	0.21	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,2-Dibromo-3-Chloropropane	ND		0.94	0.43	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,2-Dibromoethane	ND		0.94	0.17	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,2-Dichlorobenzene	ND		0.94	0.34	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,3-Dichlorobenzene	ND		0.94	0.34	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,4-Dichlorobenzene	ND		0.94	0.21	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Dichlorobromomethane	ND		0.94	0.24	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Dichlorodifluoromethane	ND		0.94	0.32	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,1-Dichloroethane	ND		0.94	0.19	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,2-Dichloroethane	ND		0.94	0.28	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,1-Dichloroethene	ND		0.94	0.21	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,2-Dichloroethene, Total	ND		1.9	0.36	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,2-Dichloropropane	ND		0.94	0.40	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,4-Dioxane	ND	*3	94	8.6	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Ethylbenzene	ND		0.94	0.19	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
2-Hexanone	ND		4.7	1.6	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Isopropylbenzene	ND		0.94	0.27	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Methyl acetate	ND		4.7	4.1	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Methylcyclohexane	ND		0.94	0.47	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Methylene Chloride	ND		1.9	1.1	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
4-Methyl-2-pentanone (MIBK)	ND	*+	4.7	1.5	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Methyl tert-butyl ether	ND	*-	0.94	0.48	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
m-Xylene & p-Xylene	**0.27**	**J**	0.94	0.16	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
o-Xylene	ND		0.94	0.18	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Styrene	ND		0.94	0.26	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,1,2,2-Tetrachloroethane	ND		0.94	0.20	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Tetrachloroethene	ND		0.94	0.29	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Toluene	**0.29**	**J**	0.94	0.22	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
trans-1,2-Dichloroethene	ND		0.94	0.23	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
trans-1,3-Dichloropropene	ND		0.94	0.25	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,2,3-Trichlorobenzene	ND		0.94	0.17	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,2,4-Trichlorobenzene	ND		0.94	0.34	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,1,1-Trichloroethane	ND		0.94	0.22	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,1,2-Trichloroethane	ND		0.94	0.17	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Trichloroethene	ND		0.94	0.30	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Trichlorofluoromethane	ND	*+	0.94	0.38	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.94	0.28	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Vinyl chloride	ND		0.94	0.51	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1
Xylenes, Total	**0.27**	**J**	1.9	0.16	ug/Kg	☼	11/12/22 09:25	11/15/22 09:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*75 - 139*	*11/12/22 09:25*	*11/15/22 09:09*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*	*11/12/22 09:25*	*11/15/22 09:09*	*1*

Client Sample ID: SSHS-IRM5A2-SCV83-0-0.17 Lab Sample ID: 180-147751-4

Date Collected: 11/10/22 13:45 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*127*		*72 - 145*	*11/12/22 09:25*	*11/15/22 09:09*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*	*11/12/22 09:25*	*11/15/22 09:09*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Acenaphthylene	**11**	**J**	360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Acetophenone	ND		360	18	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Anthracene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Benzaldehyde	ND		360	59	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Benzo[a]anthracene	**36**		36	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Benzo[a]pyrene	**41**	***-**	36	9.6	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Benzo[b]fluoranthene	**64**		36	9.3	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Benzo[g,h,i]perylene	**25**	**J**	360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Benzo[k]fluoranthene	**22**	**J**	36	7.1	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
4-Bromophenyl phenyl ether	ND	*-	360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Caprolactam	ND	*+	360	56	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
4-Chloroaniline	ND		360	64	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Chrysene	**45**	**J**	360	6.1	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Dimethyl phthalate	ND		360	82	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2,4-Dinitrotoluene	ND		73	39	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2,6-Dinitrotoluene	ND		73	26	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
1,4-Dioxane	ND		36	31	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Fluoranthene	**54**	**J**	360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Fluorene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Hexachlorobenzene	ND	*-	36	17	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Hexachlorobutadiene	ND		73	7.7	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1

Client Sample ID: SSHS-IRM5A2-SCV83-0-0.17 **Lab Sample ID: 180-147751-4**
Date Collected: 11/10/22 13:45 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Indeno[1,2,3-cd]pyrene	**31**	**J**	36	14	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2-Methylphenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Methylphenol, 3 & 4	ND		360	22	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Naphthalene	**8.2**	**J**	360	6.2	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
3-Nitroaniline	ND		360	85	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
4-Nitroaniline	ND		360	41	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
4-Nitrophenol	ND		730	59	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2,2'-oxybis[1-chloropropane]	ND		360	6.5	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Pentachlorophenol	ND		290	74	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Phenanthrene	**23**	**J**	360	6.3	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Phenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
Pyrene	**51**	**J**	360	8.9	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2,3,4,6-Tetrachlorophenol	ND		360	24	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/15/22 22:13	11/17/22 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*22 - 122*	*11/15/22 22:13*	*11/17/22 00:46*	*1*
2-Fluorophenol (Surr)	*59*		*18 - 123*	*11/15/22 22:13*	*11/17/22 00:46*	*1*
Nitrobenzene-d5 (Surr)	*67*		*16 - 125*	*11/15/22 22:13*	*11/17/22 00:46*	*1*
Phenol-d5 (Surr)	*75*		*23 - 120*	*11/15/22 22:13*	*11/17/22 00:46*	*1*
Terphenyl-d14 (Surr)	*72*		*25 - 126*	*11/15/22 22:13*	*11/17/22 00:46*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*10 - 123*	*11/15/22 22:13*	*11/17/22 00:46*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	11/14/22 10:35	11/24/22 03:24	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/14/22 10:35	11/24/22 03:24	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/14/22 10:35	11/24/22 03:24	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:35	11/24/22 03:24	1
PCB-1248	**40**		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 03:24	1
PCB-1254	**39**		18	5.4	ug/Kg	☼	11/14/22 10:35	11/24/22 03:24	1
PCB-1260	**15**	**J**	18	5.1	ug/Kg	☼	11/14/22 10:35	11/24/22 03:24	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/14/22 10:35	11/24/22 03:24	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:35	11/24/22 03:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*89*		*63 - 138*	*11/14/22 10:35*	*11/24/22 03:24*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*63 - 138*	*11/14/22 10:35*	*11/24/22 03:24*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*11/14/22 10:35*	*11/24/22 03:24*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*11/14/22 10:35*	*11/24/22 03:24*	*1*

Client Sample ID: SSHS-IRM5A2-SCV83-0-0.17 — Lab Sample ID: 180-147751-4

Date Collected: 11/10/22 13:45 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 91.7**

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8100		17	4.6	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Antimony	0.59	J	1.7	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Arsenic	7.3		1.3	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Barium	85		17	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Beryllium	0.43		0.43	0.047	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Cadmium	0.27	J	0.43	0.042	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Calcium	8100		430	32	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Chromium	14		0.87	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Cobalt	6.6		0.87	0.17	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Copper	16		2.2	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Iron	18000		17	6.0	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Lead	35		0.87	0.24	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Magnesium	2300		430	40	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Manganese	390		1.3	0.96	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Nickel	16		3.5	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Potassium	1500		430	69	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Selenium	ND		1.7	0.41	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Silver	ND		0.87	0.070	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Sodium	59	J	430	54	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Thallium	ND		1.7	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Vanadium	16		4.3	0.71	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1
Zinc	120		4.3	1.2	mg/Kg	☼	11/14/22 15:00	11/15/22 10:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051	J	0.11	0.020	mg/Kg	☼	11/14/22 15:00	11/15/22 15:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV83-0.17-1 — Lab Sample ID: 180-147751-5

Date Collected: 11/10/22 13:50 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 98.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25		6.0	5.7	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Benzene	ND		1.0	0.26	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Bromoform	ND		1.0	0.43	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Bromomethane	ND	*+	2.0	1.0	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
2-Butanone (MEK)	5.9		5.0	0.37	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Carbon disulfide	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Chloroethane	ND		1.0	0.52	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Chloroform	ND		1.0	0.98	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1

Client Sample ID: SSHS-IRM5A2-SCV83-0.17-1 **Lab Sample ID: 180-147751-5**
Date Collected: 11/10/22 13:50 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 98.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.44	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Cyclohexane	ND		1.0	0.22	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,4-Dioxane	ND		100	9.2	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Ethylbenzene	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
2-Hexanone	ND		5.0	1.7	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Methyl acetate	ND		5.0	4.3	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Methylene Chloride	ND		2.0	1.2	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.0	1.6	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Methyl tert-butyl ether	ND	*-	1.0	0.51	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
m-Xylene & p-Xylene	**0.21**	**J**	1.0	0.17	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
o-Xylene	ND		1.0	0.19	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Styrene	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Toluene	**0.32**	**J**	1.0	0.24	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Trichloroethene	ND		1.0	0.32	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Trichlorofluoromethane	ND	*+	1.0	0.41	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Vinyl chloride	ND		1.0	0.55	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1
Xylenes, Total	**0.21**	**J**	2.0	0.17	ug/Kg	☼	11/12/22 09:25	11/15/22 09:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*75 - 139*	*11/12/22 09:25*	*11/15/22 09:31*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*	*11/12/22 09:25*	*11/15/22 09:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*72 - 145*	*11/12/22 09:25*	*11/15/22 09:31*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/12/22 09:25*	*11/15/22 09:31*	*1*

Client Sample ID: SSHS-IRM5A2-SCV83-0.17-1 Lab Sample ID: 180-147751-5

Date Collected: 11/10/22 13:50 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 98.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		330	9.6	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Acenaphthylene	**17**	**J**	330	9.6	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Acetophenone	ND		330	16	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Anthracene	ND		330	10	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Atrazine	ND		130	20	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Benzaldehyde	ND		330	55	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Benzo[a]anthracene	**49**		33	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Benzo[a]pyrene	**48**	***-**	33	8.9	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Benzo[b]fluoranthene	**78**		33	8.7	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Benzo[g,h,i]perylene	**29**	**J**	330	9.9	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Benzo[k]fluoranthene	**25**	**J**	33	6.6	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
1,1'-Biphenyl	ND		330	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Bis(2-chloroethoxy)methane	ND		330	26	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Bis(2-chloroethyl)ether	ND		33	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Bis(2-ethylhexyl) phthalate	ND		330	18	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
4-Bromophenyl phenyl ether	ND	*-	330	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Butyl benzyl phthalate	ND		330	16	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Caprolactam	ND	*+	330	52	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Carbazole	ND		330	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
4-Chloroaniline	ND		330	60	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
4-Chloro-3-methylphenol	ND		330	19	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2-Chloronaphthalene	ND		330	16	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2-Chlorophenol	ND		330	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
4-Chlorophenyl phenyl ether	ND		330	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Chrysene	**47**	**J**	330	5.7	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Dibenz(a,h)anthracene	ND		33	15	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Dibenzofuran	ND		330	11	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
3,3'-Dichlorobenzidine	ND		130	51	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2,4-Dichlorophenol	ND		130	22	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Diethyl phthalate	ND		330	11	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2,4-Dimethylphenol	ND		330	40	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Dimethyl phthalate	ND		330	76	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Di-n-butyl phthalate	ND		330	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2,4-Dinitrophenol	ND		270	160	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2,4-Dinitrotoluene	ND		68	36	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2,6-Dinitrotoluene	ND		68	24	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Di-n-octyl phthalate	ND		330	18	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
1,4-Dioxane	ND		33	29	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Fluoranthene	**77**	**J**	330	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Fluorene	ND		330	9.8	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Hexachlorobenzene	ND	*-	33	16	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Hexachlorobutadiene	ND		68	7.1	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Hexachlorocyclopentadiene	ND		330	29	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Hexachloroethane	ND		33	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Indeno[1,2,3-cd]pyrene	**32**	**J**	33	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Isophorone	ND		130	97	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2-Methylnaphthalene	**15**	**J**	330	9.4	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2-Methylphenol	ND		330	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1

Client Sample ID: SSHS-IRM5A2-SCV83-0.17-1 **Lab Sample ID: 180-147751-5**
Date Collected: 11/10/22 13:50 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 98.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		330	21	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Naphthalene	**13**	**J**	330	5.8	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2-Nitroaniline	ND		330	26	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
3-Nitroaniline	ND		330	80	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
4-Nitroaniline	ND		330	39	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Nitrobenzene	ND		33	19	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2-Nitrophenol	ND		330	34	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
4-Nitrophenol	ND		680	55	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
N-Nitrosodi-n-propylamine	ND		33	24	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
N-Nitrosodiphenylamine	ND		330	28	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2,2'-oxybis[1-chloropropane]	ND		330	6.1	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Pentachlorophenol	ND		270	69	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Phenanthrene	**31**	**J**	330	5.9	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Phenol	ND		330	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
Pyrene	**64**	**J**	330	8.3	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
1,2,4,5-Tetrachlorobenzene	ND		330	10	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2,3,4,6-Tetrachlorophenol	ND		330	23	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2,4,5-Trichlorophenol	ND		330	34	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1
2,4,6-Trichlorophenol	ND		130	43	ug/Kg	☼	11/15/22 22:13	11/17/22 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*22 - 122*	*11/15/22 22:13*	*11/17/22 01:54*	*1*
2-Fluorophenol (Surr)	*60*		*18 - 123*	*11/15/22 22:13*	*11/17/22 01:54*	*1*
Nitrobenzene-d5 (Surr)	*65*		*16 - 125*	*11/15/22 22:13*	*11/17/22 01:54*	*1*
Phenol-d5 (Surr)	*77*		*23 - 120*	*11/15/22 22:13*	*11/17/22 01:54*	*1*
Terphenyl-d14 (Surr)	*70*		*25 - 126*	*11/15/22 22:13*	*11/17/22 01:54*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*10 - 123*	*11/15/22 22:13*	*11/17/22 01:54*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.5	ug/Kg	☼	11/14/22 10:35	11/24/22 03:42	1
PCB-1221	ND		17	6.0	ug/Kg	☼	11/14/22 10:35	11/24/22 03:42	1
PCB-1232	ND		17	4.1	ug/Kg	☼	11/14/22 10:35	11/24/22 03:42	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/14/22 10:35	11/24/22 03:42	1
PCB-1248	**110**		17	4.0	ug/Kg	☼	11/14/22 10:35	11/24/22 03:42	1
PCB-1254	**81**		17	5.1	ug/Kg	☼	11/14/22 10:35	11/24/22 03:42	1
PCB-1260	**27**		17	4.8	ug/Kg	☼	11/14/22 10:35	11/24/22 03:42	1
PCB-1262	ND		17	5.9	ug/Kg	☼	11/14/22 10:35	11/24/22 03:42	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:35	11/24/22 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*84*		*63 - 138*	*11/14/22 10:35*	*11/24/22 03:42*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*63 - 138*	*11/14/22 10:35*	*11/24/22 03:42*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*11/14/22 10:35*	*11/24/22 03:42*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*55 - 135*	*11/14/22 10:35*	*11/24/22 03:42*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7400**		16	4.1	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Antimony	**0.56**	**J**	1.6	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1

Client Sample ID: SSHS-IRM5A2-SCV83-0.17-1 — Lab Sample ID: 180-147751-5

Date Collected: 11/10/22 13:50 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 98.2**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		1.2	0.25	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Barium	110		16	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Beryllium	0.40		0.39	0.042	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Cadmium	0.47		0.39	0.037	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Calcium	8200		390	28	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Chromium	12		0.78	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Cobalt	7.2		0.78	0.16	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Copper	28		1.9	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Iron	17000		16	5.4	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Lead	92		0.78	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Magnesium	3000		390	36	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Manganese	380		1.2	0.86	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Nickel	20		3.1	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Potassium	760		390	62	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Selenium	0.91	J	1.6	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Silver	ND		0.78	0.063	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Sodium	83	J	390	49	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Thallium	ND		1.6	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Vanadium	13		3.9	0.64	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1
Zinc	310		3.9	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 10:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.11	0.020	mg/Kg	☼	11/14/22 15:00	11/15/22 15:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.8		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	98.2		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV83-1-2 — Lab Sample ID: 180-147751-6

Date Collected: 11/10/22 13:55 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 91.8**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	29		6.8	6.5	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Benzene	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Bromoform	ND		1.1	0.48	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Bromomethane	ND	*+	2.3	1.1	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
2-Butanone (MEK)	9.9		5.7	0.42	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Carbon disulfide	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Carbon tetrachloride	ND		1.1	0.44	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Chlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Chlorobromomethane	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Chlorodibromomethane	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Chloroethane	ND		1.1	0.59	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Chloroform	ND		1.1	1.1	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Chloromethane	ND		1.1	0.49	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
cis-1,2-Dichloroethene	ND		1.1	0.41	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1

Client Sample ID: SSHS-IRM5A2-SCV83-1-2 Lab Sample ID: 180-147751-6

Date Collected: 11/10/22 13:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.8**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Cyclohexane	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.52	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,2-Dibromoethane	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,2-Dichlorobenzene	ND		1.1	0.41	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,3-Dichlorobenzene	ND		1.1	0.42	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,4-Dichlorobenzene	ND		1.1	0.26	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Dichlorobromomethane	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Dichlorodifluoromethane	ND		1.1	0.38	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,1-Dichloroethane	ND		1.1	0.23	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,2-Dichloroethane	ND		1.1	0.34	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,1-Dichloroethene	ND		1.1	0.26	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,2-Dichloroethene, Total	ND		2.3	0.43	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,2-Dichloropropane	ND		1.1	0.48	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,4-Dioxane	ND		110	10	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Ethylbenzene	ND		1.1	0.23	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
2-Hexanone	ND		5.7	1.9	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Isopropylbenzene	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Methyl acetate	ND		5.7	4.9	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Methylcyclohexane	ND		1.1	0.57	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Methylene Chloride	ND		2.3	1.3	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.7	1.8	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Methyl tert-butyl ether	ND	*-	1.1	0.58	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
m-Xylene & p-Xylene	**0.35**	**J**	1.1	0.20	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
o-Xylene	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Styrene	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.24	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Tetrachloroethene	ND		1.1	0.35	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Toluene	**0.29**	**J**	1.1	0.27	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
trans-1,2-Dichloroethene	ND		1.1	0.28	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
trans-1,3-Dichloropropene	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,2,3-Trichlorobenzene	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,2,4-Trichlorobenzene	ND		1.1	0.41	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,1,1-Trichloroethane	ND		1.1	0.27	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Trichloroethene	ND		1.1	0.37	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Trichlorofluoromethane	ND	*+	1.1	0.46	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.34	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Vinyl chloride	ND		1.1	0.62	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1
Xylenes, Total	**0.35**	**J**	2.3	0.20	ug/Kg	☼	11/12/22 09:26	11/15/22 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*75 - 139*	*11/12/22 09:26*	*11/15/22 09:54*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*	*11/12/22 09:26*	*11/15/22 09:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*72 - 145*	*11/12/22 09:26*	*11/15/22 09:54*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*	*11/12/22 09:26*	*11/15/22 09:54*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1

Client Sample ID: SSHS-IRM5A2-SCV83-1-2 **Lab Sample ID: 180-147751-6**
Date Collected: 11/10/22 13:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.8**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**16**	**J**	360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Acetophenone	ND		360	18	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Anthracene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Benzaldehyde	ND		360	59	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Benzo[a]anthracene	**49**		36	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Benzo[a]pyrene	**50**	***-**	36	9.6	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Benzo[b]fluoranthene	**77**		36	9.3	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Benzo[g,h,i]perylene	**28**	**J**	360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Benzo[k]fluoranthene	**27**	**J**	36	7.0	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
1,1'-Biphenyl	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Bis(2-chloroethyl)ether	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
4-Bromophenyl phenyl ether	ND	*-	360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Caprolactam	ND	*+	360	56	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
4-Chloroaniline	ND		360	64	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Chrysene	**51**	**J**	360	6.1	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Dibenzofuran	**18**	**J**	360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Dimethyl phthalate	ND		360	82	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2,4-Dinitrotoluene	ND		73	39	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2,6-Dinitrotoluene	ND		73	26	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
1,4-Dioxane	ND		36	31	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Fluoranthene	**62**	**J**	360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Fluorene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Hexachlorobenzene	ND	*-	36	17	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Hexachlorobutadiene	ND		73	7.6	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Hexachlorocyclopentadiene	ND		360	31	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Hexachloroethane	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Indeno[1,2,3-cd]pyrene	**32**	**J**	36	14	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2-Methylnaphthalene	**57**	**J**	360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2-Methylphenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Methylphenol, 3 & 4	ND		360	22	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1

Client Sample ID: SSHS-IRM5A2-SCV83-1-2 Lab Sample ID: 180-147751-6

Date Collected: 11/10/22 13:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.8**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**45**	**J**	360	6.2	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
3-Nitroaniline	ND		360	85	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
4-Nitroaniline	ND		360	41	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
4-Nitrophenol	ND		730	58	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2,2'-oxybis[1-chloropropane]	ND		360	6.5	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Pentachlorophenol	ND		290	74	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Phenanthrene	**43**	**J**	360	6.3	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Phenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
Pyrene	**64**	**J**	360	8.9	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2,3,4,6-Tetrachlorophenol	ND		360	24	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/15/22 22:13	11/17/22 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*22 - 122*	*11/15/22 22:13*	*11/17/22 01:08*	*1*
2-Fluorophenol (Surr)	*49*		*18 - 123*	*11/15/22 22:13*	*11/17/22 01:08*	*1*
Nitrobenzene-d5 (Surr)	*59*		*16 - 125*	*11/15/22 22:13*	*11/17/22 01:08*	*1*
Phenol-d5 (Surr)	*65*		*23 - 120*	*11/15/22 22:13*	*11/17/22 01:08*	*1*
Terphenyl-d14 (Surr)	*68*		*25 - 126*	*11/15/22 22:13*	*11/17/22 01:08*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 123*	*11/15/22 22:13*	*11/17/22 01:08*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	11/14/22 10:35	11/24/22 04:01	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/14/22 10:35	11/24/22 04:01	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/14/22 10:35	11/24/22 04:01	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:35	11/24/22 04:01	1
PCB-1248	**180**		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 04:01	1
PCB-1254	**110**		18	5.4	ug/Kg	☼	11/14/22 10:35	11/24/22 04:01	1
PCB-1260	**40**		18	5.1	ug/Kg	☼	11/14/22 10:35	11/24/22 04:01	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/14/22 10:35	11/24/22 04:01	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:35	11/24/22 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*11/14/22 10:35*	*11/24/22 04:01*	*1*
DCB Decachlorobiphenyl (Surr)	*89*		*63 - 138*	*11/14/22 10:35*	*11/24/22 04:01*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*11/14/22 10:35*	*11/24/22 04:01*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*11/14/22 10:35*	*11/24/22 04:01*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7800**		16	4.2	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Antimony	**0.69**	**J**	1.6	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Arsenic	**9.9**		1.2	0.25	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1

Client Sample ID: SSHS-IRM5A2-SCV83-1-2 — Lab Sample ID: 180-147751-6

Date Collected: 11/10/22 13:55 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 91.8**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	130		16	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Beryllium	0.48		0.40	0.043	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Cadmium	0.55		0.40	0.038	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Calcium	6200		400	29	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Chromium	14		0.80	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Cobalt	7.7		0.80	0.16	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Copper	57		2.0	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Iron	19000		16	5.5	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Lead	110		0.80	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Magnesium	2800		400	37	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Manganese	390		1.2	0.88	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Nickel	23		3.2	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Potassium	790		400	63	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Selenium	0.73	J	1.6	0.37	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Silver	ND		0.80	0.064	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Sodium	85	J	400	50	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Thallium	ND		1.6	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Vanadium	16		4.0	0.65	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1
Zinc	340		4.0	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 10:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.11	0.019	mg/Kg	☼	11/14/22 15:00	11/15/22 15:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.2		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	91.8		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV84-0-0.17 — Lab Sample ID: 180-147751-7

Date Collected: 11/10/22 14:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.3	6.0	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Benzene	ND		1.1	0.27	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Bromoform	ND		1.1	0.45	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Bromomethane	ND	*+	2.1	1.1	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
2-Butanone (MEK)	ND		5.3	0.39	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Carbon disulfide	ND		1.1	0.28	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Carbon tetrachloride	ND		1.1	0.41	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Chlorobenzene	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Chlorobromomethane	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Chlorodibromomethane	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Chloroethane	ND		1.1	0.55	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Chloroform	ND		1.1	1.0	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Chloromethane	ND		1.1	0.46	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
cis-1,2-Dichloroethene	ND		1.1	0.38	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
cis-1,3-Dichloropropene	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV84-0-0.17 **Lab Sample ID: 180-147751-7**
Date Collected: 11/10/22 14:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		1.1	0.23	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.48	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,2-Dibromoethane	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,2-Dichlorobenzene	ND		1.1	0.38	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,3-Dichlorobenzene	ND		1.1	0.38	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,4-Dichlorobenzene	ND		1.1	0.24	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Dichlorobromomethane	ND		1.1	0.27	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Dichlorodifluoromethane	ND		1.1	0.36	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,1-Dichloroethane	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,2-Dichloroethane	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,1-Dichloroethene	ND		1.1	0.24	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,2-Dichloroethene, Total	ND		2.1	0.40	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,2-Dichloropropane	ND		1.1	0.45	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,4-Dioxane	ND	*3	110	9.7	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Ethylbenzene	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
2-Hexanone	ND		5.3	1.8	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Isopropylbenzene	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Methyl acetate	ND		5.3	4.5	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Methylcyclohexane	ND		1.1	0.53	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Methylene Chloride	ND		2.1	1.2	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.3	1.6	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Methyl tert-butyl ether	ND	*-	1.1	0.54	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
m-Xylene & p-Xylene	**0.34**	**J**	1.1	0.18	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
o-Xylene	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Styrene	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.23	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Tetrachloroethene	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Toluene	**0.26**	**J**	1.1	0.25	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
trans-1,2-Dichloroethene	ND		1.1	0.26	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
trans-1,3-Dichloropropene	ND		1.1	0.28	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,2,3-Trichlorobenzene	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,2,4-Trichlorobenzene	ND		1.1	0.38	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,1,1-Trichloroethane	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Trichloroethene	ND		1.1	0.34	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Trichlorofluoromethane	ND	*+	1.1	0.43	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Vinyl chloride	ND		1.1	0.57	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1
Xylenes, Total	**0.34**	**J**	2.1	0.18	ug/Kg	☼	11/12/22 09:26	11/15/22 10:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*75 - 139*	*11/12/22 09:26*	*11/15/22 10:16*	*1*
Dibromofluoromethane (Surr)	*114*		*73 - 139*	*11/12/22 09:26*	*11/15/22 10:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*132*		*72 - 145*	*11/12/22 09:26*	*11/15/22 10:16*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*	*11/12/22 09:26*	*11/15/22 10:16*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV84-0-0.17 **Lab Sample ID: 180-147751-7**
Date Collected: 11/10/22 14:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Anthracene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Benzaldehyde	ND		360	59	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Benzo[a]anthracene	**16**	**J**	36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Benzo[a]pyrene	**11**	**J *-**	36	9.5	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Benzo[b]fluoranthene	**17**	**J**	36	9.2	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Benzo[g,h,i]perylene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Benzo[k]fluoranthene	ND		36	7.0	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
1,1'-Biphenyl	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Bis(2-chloroethyl)ether	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
4-Bromophenyl phenyl ether	ND	*-	360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Caprolactam	ND	*+	360	55	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
4-Chloroaniline	ND		360	63	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2-Chloronaphthalene	ND		360	16	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Chrysene	**11**	**J**	360	6.0	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Dibenz(a,h)anthracene	ND		36	15	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Diethyl phthalate	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Dimethyl phthalate	ND		360	81	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Di-n-butyl phthalate	**19**	**J**	360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
1,4-Dioxane	ND		36	31	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Fluoranthene	**18**	**J**	360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Fluorene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Hexachlorobenzene	ND	*-	36	17	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Hexachlorobutadiene	ND		72	7.6	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Hexachlorocyclopentadiene	ND		360	31	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Hexachloroethane	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Indeno[1,2,3-cd]pyrene	ND		36	14	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2-Methylphenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Methylphenol, 3 & 4	ND		360	22	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Naphthalene	ND		360	6.2	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1

Client Sample ID: SSHS-IRM5A2-SCV84-0-0.17 **Lab Sample ID: 180-147751-7**
Date Collected: 11/10/22 14:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		360	27	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
3-Nitroaniline	ND		360	85	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
4-Nitroaniline	ND		360	41	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
N-Nitrosodiphenylamine	ND		360	29	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2,2'-oxybis[1-chloropropane]	ND		360	6.4	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Pentachlorophenol	ND		290	73	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Phenanthrene	**9.0**	**J**	360	6.3	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Phenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
Pyrene	**16**	**J**	360	8.9	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2,3,4,6-Tetrachlorophenol	ND		360	24	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2,4,5-Trichlorophenol	ND		360	36	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/15/22 22:13	11/17/22 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*22 - 122*	*11/15/22 22:13*	*11/17/22 01:31*	*1*
2-Fluorophenol (Surr)	*61*		*18 - 123*	*11/15/22 22:13*	*11/17/22 01:31*	*1*
Nitrobenzene-d5 (Surr)	*70*		*16 - 125*	*11/15/22 22:13*	*11/17/22 01:31*	*1*
Phenol-d5 (Surr)	*73*		*23 - 120*	*11/15/22 22:13*	*11/17/22 01:31*	*1*
Terphenyl-d14 (Surr)	*73*		*25 - 126*	*11/15/22 22:13*	*11/17/22 01:31*	*1*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 123*	*11/15/22 22:13*	*11/17/22 01:31*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/14/22 10:35	11/24/22 04:20	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/14/22 10:35	11/24/22 04:20	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 04:20	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:35	11/24/22 04:20	1
PCB-1248	ND		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 04:20	1
PCB-1254	ND		18	5.4	ug/Kg	☼	11/14/22 10:35	11/24/22 04:20	1
PCB-1260	ND		18	5.1	ug/Kg	☼	11/14/22 10:35	11/24/22 04:20	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/14/22 10:35	11/24/22 04:20	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:35	11/24/22 04:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*89*		*63 - 138*	*11/14/22 10:35*	*11/24/22 04:20*	*1*
DCB Decachlorobiphenyl (Surr)	*91*		*63 - 138*	*11/14/22 10:35*	*11/24/22 04:20*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*55 - 135*	*11/14/22 10:35*	*11/24/22 04:20*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*11/14/22 10:35*	*11/24/22 04:20*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8200**		18	4.9	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Antimony	**0.60**	**J**	1.8	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Arsenic	**5.7**		1.4	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Barium	**92**		18	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1

Client Sample ID: SSHS-IRM5A2-SCV84-0-0.17 — Lab Sample ID: 180-147751-7

Date Collected: 11/10/22 14:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.7**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.36	J	0.46	0.050	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Cadmium	0.20	J	0.46	0.044	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Calcium	6900		460	34	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Chromium	11		0.92	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Cobalt	7.6		0.92	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Copper	18		2.3	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Iron	16000		18	6.4	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Lead	26		0.92	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Magnesium	3400		460	42	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Manganese	420		1.4	1.0	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Nickel	18		3.7	0.21	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Potassium	900		460	73	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Selenium	0.51	J	1.8	0.43	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Silver	ND		0.92	0.075	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Sodium	ND		460	58	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Thallium	ND		1.8	0.37	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Vanadium	12		4.6	0.76	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1
Zinc	130		4.6	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 11:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.10	0.018	mg/Kg	☼	11/14/22 15:00	11/15/22 15:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.3		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	92.7		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV84-0.17-1 — Lab Sample ID: 180-147751-8

Date Collected: 11/10/22 14:05 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.5	6.2	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Benzene	ND		1.1	0.28	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Bromoform	ND		1.1	0.46	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Bromomethane	ND	*+	2.2	1.1	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
2-Butanone (MEK)	ND		5.4	0.40	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Carbon disulfide	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Carbon tetrachloride	ND		1.1	0.42	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Chlorobenzene	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Chlorobromomethane	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Chlorodibromomethane	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Chloroethane	ND		1.1	0.56	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Chloroform	ND		1.1	1.0	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Chloromethane	ND		1.1	0.47	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
cis-1,2-Dichloroethene	ND		1.1	0.39	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
cis-1,3-Dichloropropene	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Cyclohexane	ND		1.1	0.24	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV84-0.17-1 **Lab Sample ID: 180-147751-8**
Date Collected: 11/10/22 14:05 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 97.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		1.1	0.50	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,2-Dibromoethane	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,2-Dichlorobenzene	ND		1.1	0.39	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,3-Dichlorobenzene	ND		1.1	0.39	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,4-Dichlorobenzene	ND		1.1	0.24	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Dichlorobromomethane	ND		1.1	0.28	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Dichlorodifluoromethane	ND		1.1	0.36	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,1-Dichloroethane	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,2-Dichloroethane	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,1-Dichloroethene	ND		1.1	0.24	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,2-Dichloroethene, Total	ND		2.2	0.41	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,2-Dichloropropane	ND		1.1	0.46	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,4-Dioxane	ND	*3	110	9.9	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Ethylbenzene	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
2-Hexanone	ND		5.4	1.8	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Isopropylbenzene	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Methyl acetate	ND		5.4	4.6	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Methylcyclohexane	ND		1.1	0.54	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Methylene Chloride	ND		2.2	1.2	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
4-Methyl-2-pentanone (MIBK)	ND	*+	5.4	1.7	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Methyl tert-butyl ether	ND	*-	1.1	0.55	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
m-Xylene & p-Xylene	**0.46**	**J**	1.1	0.19	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
o-Xylene	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Styrene	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.23	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Tetrachloroethene	ND		1.1	0.33	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Toluene	**0.83**	**J**	1.1	0.25	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
trans-1,2-Dichloroethene	ND		1.1	0.27	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
trans-1,3-Dichloropropene	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,2,3-Trichlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,2,4-Trichlorobenzene	ND		1.1	0.39	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,1,1-Trichloroethane	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Trichloroethene	ND		1.1	0.35	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Trichlorofluoromethane	ND	*+	1.1	0.44	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.33	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Vinyl chloride	ND		1.1	0.59	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1
Xylenes, Total	**0.46**	**J**	2.2	0.19	ug/Kg	☼	11/12/22 09:26	11/15/22 10:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*75 - 139*	*11/12/22 09:26*	*11/15/22 10:39*	*1*
Dibromofluoromethane (Surr)	*105*		*73 - 139*	*11/12/22 09:26*	*11/15/22 10:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*72 - 145*	*11/12/22 09:26*	*11/15/22 10:39*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*11/12/22 09:26*	*11/15/22 10:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	9.6	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Acenaphthylene	ND		340	9.7	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Acetophenone	ND		340	17	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1

Client Sample ID: SSHS-IRM5A2-SCV84-0.17-1 **Lab Sample ID: 180-147751-8**
Date Collected: 11/10/22 14:05 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 97.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		340	10	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Benzaldehyde	ND		340	56	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Benzo[a]anthracene	**13**	**J**	34	12	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Benzo[a]pyrene	ND	*-	34	9.0	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Benzo[b]fluoranthene	**10**	**J**	34	8.8	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Benzo[g,h,i]perylene	ND		340	10	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Benzo[k]fluoranthene	ND		34	6.6	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Bis(2-chloroethoxy)methane	ND		340	26	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
4-Bromophenyl phenyl ether	ND	*-	340	13	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Caprolactam	ND	*+	340	53	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Carbazole	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
4-Chloroaniline	ND		340	60	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Chrysene	**6.4**	**J**	340	5.7	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Dibenzofuran	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
3,3'-Dichlorobenzidine	ND		140	51	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2,4-Dimethylphenol	ND		340	40	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Dimethyl phthalate	ND		340	77	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Di-n-butyl phthalate	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2,4-Dinitrophenol	ND		270	170	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2,4-Dinitrotoluene	ND		69	36	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2,6-Dinitrotoluene	ND		69	24	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
1,4-Dioxane	ND		34	30	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Fluoranthene	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Fluorene	ND		340	9.9	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Hexachlorobenzene	ND	*-	34	16	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Hexachlorobutadiene	ND		69	7.2	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Hexachlorocyclopentadiene	ND		340	30	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Hexachloroethane	ND		34	12	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Indeno[1,2,3-cd]pyrene	ND		34	13	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Isophorone	ND		140	98	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2-Methylnaphthalene	ND		340	9.5	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2-Methylphenol	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Methylphenol, 3 & 4	ND		340	21	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Naphthalene	ND		340	5.9	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1

Client Sample ID: SSHS-IRM5A2-SCV84-0.17-1 — Lab Sample ID: 180-147751-8

Date Collected: 11/10/22 14:05 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		340	80	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
4-Nitroaniline	ND		340	39	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Nitrobenzene	ND		34	19	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2-Nitrophenol	ND		340	34	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
4-Nitrophenol	ND		690	55	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2,2'-oxybis[1-chloropropane]	ND		340	6.1	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Pentachlorophenol	ND		270	69	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Phenanthrene	ND		340	6.0	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Phenol	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
Pyrene	**8.9**	**J**	340	8.4	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
1,2,4,5-Tetrachlorobenzene	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2,3,4,6-Tetrachlorophenol	ND		340	23	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2,4,5-Trichlorophenol	ND		340	34	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1
2,4,6-Trichlorophenol	ND		140	43	ug/Kg	☼	11/15/22 22:13	11/16/22 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*22 - 122*	*11/15/22 22:13*	*11/16/22 19:01*	*1*
2-Fluorophenol (Surr)	*60*		*18 - 123*	*11/15/22 22:13*	*11/16/22 19:01*	*1*
Nitrobenzene-d5 (Surr)	*68*		*16 - 125*	*11/15/22 22:13*	*11/16/22 19:01*	*1*
Phenol-d5 (Surr)	*72*		*23 - 120*	*11/15/22 22:13*	*11/16/22 19:01*	*1*
Terphenyl-d14 (Surr)	*72*		*25 - 126*	*11/15/22 22:13*	*11/16/22 19:01*	*1*
2,4,6-Tribromophenol (Surr)	*55*		*10 - 123*	*11/15/22 22:13*	*11/16/22 19:01*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.5	ug/Kg	☼	11/14/22 10:35	11/24/22 04:38	1
PCB-1221	ND		17	6.0	ug/Kg	☼	11/14/22 10:35	11/24/22 04:38	1
PCB-1232	ND		17	4.1	ug/Kg	☼	11/14/22 10:35	11/24/22 04:38	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/14/22 10:35	11/24/22 04:38	1
PCB-1248	ND		17	4.1	ug/Kg	☼	11/14/22 10:35	11/24/22 04:38	1
PCB-1254	ND		17	5.1	ug/Kg	☼	11/14/22 10:35	11/24/22 04:38	1
PCB-1260	ND		17	4.8	ug/Kg	☼	11/14/22 10:35	11/24/22 04:38	1
PCB-1262	ND		17	6.0	ug/Kg	☼	11/14/22 10:35	11/24/22 04:38	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:35	11/24/22 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*63 - 138*	*11/14/22 10:35*	*11/24/22 04:38*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*11/14/22 10:35*	*11/24/22 04:38*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*55 - 135*	*11/14/22 10:35*	*11/24/22 04:38*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*55 - 135*	*11/14/22 10:35*	*11/24/22 04:38*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9200**		20	5.4	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Antimony	**0.42**	**J**	2.0	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Arsenic	**6.0**		1.5	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Barium	**96**		20	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Beryllium	**0.46**	**J**	0.50	0.054	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1

Client Sample ID: SSHS-IRM5A2-SCV84-0.17-1 Lab Sample ID: 180-147751-8

Date Collected: 11/10/22 14:05 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 97.5**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.16	J	0.50	0.048	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Calcium	3900		500	37	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Chromium	11		1.0	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Cobalt	8.5		1.0	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Copper	15		2.5	0.24	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Iron	17000		20	7.0	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Lead	17		1.0	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Magnesium	3000		500	46	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Manganese	460		1.5	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Nickel	19		4.0	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Potassium	850		500	80	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Selenium	ND		2.0	0.47	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Silver	ND		1.0	0.081	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Sodium	ND		500	63	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Thallium	ND		2.0	0.40	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Vanadium	13		5.0	0.83	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1
Zinc	88		5.0	1.4	mg/Kg	☼	11/14/22 15:00	11/15/22 11:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030	J	0.11	0.019	mg/Kg	☼	11/14/22 15:00	11/15/22 15:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.5		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	97.5		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV84-1-2 Lab Sample ID: 180-147751-9

Date Collected: 11/10/22 14:10 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.1	5.8	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Benzene	ND		1.0	0.26	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Bromoform	ND		1.0	0.43	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Bromomethane	ND		2.0	1.0	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
2-Butanone (MEK)	ND		5.1	0.37	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Carbon disulfide	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Chlorodibromomethane	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Chloroethane	ND		1.0	0.53	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Chloroform	ND		1.0	0.98	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Chloromethane	ND		1.0	0.44	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Cyclohexane	ND		1.0	0.22	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.47	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV84-1-2 **Lab Sample ID: 180-147751-9**
Date Collected: 11/10/22 14:10 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,2-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,2-Dichloroethene, Total	ND		2.0	0.39	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,2-Dichloropropane	ND		1.0	0.43	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,4-Dioxane	ND	*3	100	9.3	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Ethylbenzene	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
2-Hexanone	ND		5.1	1.7	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Methyl acetate	ND		5.1	4.3	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Methylene Chloride	ND	*-	2.0	1.2	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.1	1.6	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
m-Xylene & p-Xylene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Styrene	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Toluene	**0.28**	**J**	1.0	0.24	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Trichloroethene	ND		1.0	0.32	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Vinyl chloride	ND		1.0	0.55	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1
Xylenes, Total	ND		2.0	0.18	ug/Kg	☼	11/12/22 09:27	11/16/22 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*75 - 139*	*11/12/22 09:27*	*11/16/22 22:22*	*1*
Dibromofluoromethane (Surr)	*105*		*73 - 139*	*11/12/22 09:27*	*11/16/22 22:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*143*		*72 - 145*	*11/12/22 09:27*	*11/16/22 22:22*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*11/12/22 09:27*	*11/16/22 22:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	9.8	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Acenaphthylene	ND		340	9.9	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Acetophenone	ND		340	17	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Anthracene	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1

Client Sample ID: SSHS-IRM5A2-SCV84-1-2 **Lab Sample ID: 180-147751-9**
Date Collected: 11/10/22 14:10 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Benzaldehyde	ND		340	57	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Benzo[a]anthracene	**22**	**J**	34	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Benzo[a]pyrene	**18**	**J *-**	34	9.2	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Benzo[b]fluoranthene	**26**	**J**	34	8.9	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Benzo[g,h,i]perylene	**16**	**J**	340	10	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Benzo[k]fluoranthene	**8.6**	**J**	34	6.8	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Bis(2-chloroethoxy)methane	ND		340	27	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
4-Bromophenyl phenyl ether	ND	*-	340	14	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Caprolactam	ND	*+	340	54	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Carbazole	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
4-Chloroaniline	ND		340	61	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Chrysene	**21**	**J**	340	5.8	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Dibenzofuran	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
3,3'-Dichlorobenzidine	ND		140	52	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2,4-Dimethylphenol	ND		340	41	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Dimethyl phthalate	ND		340	78	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Di-n-butyl phthalate	**17**	**J**	340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2,4-Dinitrotoluene	ND		70	37	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2,6-Dinitrotoluene	ND		70	25	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
1,4-Dioxane	ND		34	30	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Fluoranthene	**20**	**J**	340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Fluorene	ND		340	10	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Hexachlorobenzene	ND	*-	34	16	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Hexachlorobutadiene	ND		70	7.4	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Hexachlorocyclopentadiene	ND		340	30	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Hexachloroethane	ND		34	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Indeno[1,2,3-cd]pyrene	**21**	**J**	34	13	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2-Methylnaphthalene	ND		340	9.7	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2-Methylphenol	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Methylphenol, 3 & 4	ND		340	22	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Naphthalene	ND		340	6.0	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
3-Nitroaniline	ND		340	82	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1

Client Sample ID: SSHS-IRM5A2-SCV84-1-2 — Lab Sample ID: 180-147751-9

Date Collected: 11/10/22 14:10 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 95.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		340	40	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Nitrobenzene	ND		34	19	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2-Nitrophenol	ND		340	35	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
4-Nitrophenol	ND		700	56	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2,2'-oxybis[1-chloropropane]	ND		340	6.2	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Pentachlorophenol	ND		280	71	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Phenanthrene	**9.4**	**J**	340	6.1	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Phenol	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
Pyrene	**23**	**J**	340	8.6	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
1,2,4,5-Tetrachlorobenzene	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2,3,4,6-Tetrachlorophenol	ND		340	23	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1
2,4,6-Trichlorophenol	ND		140	44	ug/Kg	☼	11/15/22 22:13	11/17/22 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*22 - 122*	*11/15/22 22:13*	*11/17/22 20:33*	*1*
2-Fluorophenol (Surr)	*74*		*18 - 123*	*11/15/22 22:13*	*11/17/22 20:33*	*1*
Nitrobenzene-d5 (Surr)	*81*		*16 - 125*	*11/15/22 22:13*	*11/17/22 20:33*	*1*
Phenol-d5 (Surr)	*78*		*23 - 120*	*11/15/22 22:13*	*11/17/22 20:33*	*1*
Terphenyl-d14 (Surr)	*90*		*25 - 126*	*11/15/22 22:13*	*11/17/22 20:33*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 123*	*11/15/22 22:13*	*11/17/22 20:33*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.6	ug/Kg	☼	11/14/22 10:35	11/24/22 04:57	1
PCB-1221	ND		17	6.1	ug/Kg	☼	11/14/22 10:35	11/24/22 04:57	1
PCB-1232	ND		17	4.2	ug/Kg	☼	11/14/22 10:35	11/24/22 04:57	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/14/22 10:35	11/24/22 04:57	1
PCB-1248	**54**		17	4.2	ug/Kg	☼	11/14/22 10:35	11/24/22 04:57	1
PCB-1254	**49**		17	5.2	ug/Kg	☼	11/14/22 10:35	11/24/22 04:57	1
PCB-1260	**15**	**J**	17	4.9	ug/Kg	☼	11/14/22 10:35	11/24/22 04:57	1
PCB-1262	ND		17	6.1	ug/Kg	☼	11/14/22 10:35	11/24/22 04:57	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:35	11/24/22 04:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*11/14/22 10:35*	*11/24/22 04:57*	*1*
DCB Decachlorobiphenyl (Surr)	*91*		*63 - 138*	*11/14/22 10:35*	*11/24/22 04:57*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*55 - 135*	*11/14/22 10:35*	*11/24/22 04:57*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*11/14/22 10:35*	*11/24/22 04:57*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7300**		16	4.2	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Antimony	**0.69**	**J**	1.6	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Arsenic	**5.4**		1.2	0.25	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Barium	**80**		16	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Beryllium	**0.20**	**J**	0.39	0.043	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Cadmium	**0.24**	**J**	0.39	0.038	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1

Client Sample ID: SSHS-IRM5A2-SCV84-1-2 — Lab Sample ID: 180-147751-9

Date Collected: 11/10/22 14:10 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 95.4**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	44000		390	29	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Chromium	9.8		0.79	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Cobalt	6.8		0.79	0.16	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Copper	18		2.0	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Iron	14000		16	5.5	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Lead	35		0.79	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Magnesium	4100		390	36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Manganese	400		1.2	0.88	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Nickel	17		3.2	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Potassium	720		390	62	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Selenium	ND		1.6	0.37	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Silver	ND		0.79	0.064	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Sodium	75	J	390	49	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Thallium	ND		1.6	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Vanadium	12		3.9	0.65	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1
Zinc	160		3.9	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 11:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.062	J	0.098	0.018	mg/Kg	☼	11/14/22 15:00	11/15/22 15:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.6		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	95.4		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV85-0-0.17 — Lab Sample ID: 180-147751-10

Date Collected: 11/10/22 14:15 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.1	5.8	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Benzene	ND		1.0	0.26	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Bromoform	ND		1.0	0.43	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Bromomethane	ND		2.0	1.0	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
2-Butanone (MEK)	ND		5.1	0.38	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Carbon disulfide	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Chlorodibromomethane	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Chloroethane	ND		1.0	0.53	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Chloroform	ND		1.0	0.99	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Chloromethane	ND		1.0	0.44	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
cis-1,2-Dichloroethene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Cyclohexane	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.47	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1

Client Sample ID: SSHS-IRM5A2-SCV85-0-0.17 **Lab Sample ID: 180-147751-10**
Date Collected: 11/10/22 14:15 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,2-Dichloroethene, Total	ND		2.0	0.39	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,2-Dichloropropane	ND		1.0	0.43	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,4-Dioxane	ND		100	9.4	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Ethylbenzene	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
2-Hexanone	ND		5.1	1.7	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Methyl acetate	ND		5.1	4.4	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Methylcyclohexane	ND		1.0	0.51	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Methylene Chloride	ND	*-	2.0	1.2	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.1	1.6	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
m-Xylene & p-Xylene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Styrene	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Toluene	ND		1.0	0.24	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Trichloroethene	ND		1.0	0.33	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Vinyl chloride	ND		1.0	0.56	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1
Xylenes, Total	ND		2.0	0.18	ug/Kg	☼	11/12/22 09:27	11/16/22 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*75 - 139*	*11/12/22 09:27*	*11/16/22 22:45*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 139*	*11/12/22 09:27*	*11/16/22 22:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*136*		*72 - 145*	*11/12/22 09:27*	*11/16/22 22:45*	*1*
Toluene-d8 (Surr)	*83*		*80 - 120*	*11/12/22 09:27*	*11/16/22 22:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Acetophenone	ND		360	18	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Anthracene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV85-0-0.17 **Lab Sample ID: 180-147751-10**
Date Collected: 11/10/22 14:15 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		360	59	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Benzo[a]anthracene	**25**	**J**	36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Benzo[a]pyrene	**22**	**J *-**	36	9.5	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Benzo[b]fluoranthene	**31**	**J**	36	9.2	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Benzo[g,h,i]perylene	**13**	**J**	360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Benzo[k]fluoranthene	**11**	**J**	36	7.0	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
1,1'-Biphenyl	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Bis(2-chloroethyl)ether	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
4-Bromophenyl phenyl ether	ND	*-	360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Caprolactam	ND	*+	360	56	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
4-Chloroaniline	ND		360	63	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Chrysene	**23**	**J**	360	6.0	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Dibenz(a,h)anthracene	ND		36	15	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Diethyl phthalate	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Dimethyl phthalate	ND		360	81	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Di-n-butyl phthalate	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
1,4-Dioxane	ND		36	31	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Fluoranthene	**34**	**J**	360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Fluorene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Hexachlorobenzene	ND	*-	36	17	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Hexachlorobutadiene	ND		72	7.6	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Hexachlorocyclopentadiene	ND		360	31	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Hexachloroethane	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Indeno[1,2,3-cd]pyrene	**21**	**J**	36	14	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2-Methylphenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Methylphenol, 3 & 4	ND		360	22	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Naphthalene	ND		360	6.2	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
3-Nitroaniline	ND		360	85	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
4-Nitroaniline	ND		360	41	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1

Client Sample ID: SSHS-IRM5A2-SCV85-0-0.17 **Lab Sample ID: 180-147751-10**
Date Collected: 11/10/22 14:15 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
N-Nitrosodiphenylamine	ND		360	29	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2,2'-oxybis[1-chloropropane]	ND		360	6.5	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Pentachlorophenol	ND		290	73	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Phenanthrene	**15**	**J**	360	6.3	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Phenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
Pyrene	**30**	**J**	360	8.9	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2,3,4,6-Tetrachlorophenol	ND		360	24	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2,4,5-Trichlorophenol	ND		360	36	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/15/22 22:13	11/17/22 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*22 - 122*	*11/15/22 22:13*	*11/17/22 20:50*	*1*
2-Fluorophenol (Surr)	*71*		*18 - 123*	*11/15/22 22:13*	*11/17/22 20:50*	*1*
Nitrobenzene-d5 (Surr)	*77*		*16 - 125*	*11/15/22 22:13*	*11/17/22 20:50*	*1*
Phenol-d5 (Surr)	*74*		*23 - 120*	*11/15/22 22:13*	*11/17/22 20:50*	*1*
Terphenyl-d14 (Surr)	*91*		*25 - 126*	*11/15/22 22:13*	*11/17/22 20:50*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 123*	*11/15/22 22:13*	*11/17/22 20:50*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/14/22 10:35	11/24/22 05:16	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/14/22 10:35	11/24/22 05:16	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/14/22 10:35	11/24/22 05:16	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:35	11/24/22 05:16	1
PCB-1248	ND		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 05:16	1
PCB-1254	**12**	**J**	18	5.4	ug/Kg	☼	11/14/22 10:35	11/24/22 05:16	1
PCB-1260	ND		18	5.1	ug/Kg	☼	11/14/22 10:35	11/24/22 05:16	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/14/22 10:35	11/24/22 05:16	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:35	11/24/22 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*89*		*63 - 138*	*11/14/22 10:35*	*11/24/22 05:16*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*63 - 138*	*11/14/22 10:35*	*11/24/22 05:16*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*11/14/22 10:35*	*11/24/22 05:16*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*55 - 135*	*11/14/22 10:35*	*11/24/22 05:16*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8300**		18	4.8	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Antimony	**0.48**	**J**	1.8	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Arsenic	**6.0**		1.4	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Barium	**94**		18	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Beryllium	**0.42**	**J**	0.45	0.049	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Cadmium	**0.19**	**J**	0.45	0.043	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Calcium	**5800**		450	33	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1

Client Sample ID: SSHS-IRM5A2-SCV85-0-0.17 — Lab Sample ID: 180-147751-10

Date Collected: 11/10/22 14:15 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.1**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	10		0.90	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Cobalt	7.7		0.90	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Copper	16		2.3	0.21	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Iron	16000		18	6.3	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Lead	29		0.90	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Magnesium	2900		450	42	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Manganese	440		1.4	1.0	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Nickel	18		3.6	0.21	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Potassium	1400		450	72	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Selenium	0.44	J	1.8	0.42	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Silver	ND		0.90	0.073	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Sodium	61	J	450	57	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Thallium	ND		1.8	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Vanadium	12		4.5	0.74	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1
Zinc	140		4.5	1.2	mg/Kg	☼	11/14/22 15:00	11/15/22 11:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048	J	0.11	0.020	mg/Kg	☼	11/14/22 15:00	11/15/22 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.9		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	92.1		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP1 — Lab Sample ID: 180-147751-11

Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.5	6.2	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Benzene	ND		1.1	0.28	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Bromoform	ND		1.1	0.46	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Bromomethane	ND		2.2	1.1	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
2-Butanone (MEK)	ND		5.5	0.40	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Carbon disulfide	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Carbon tetrachloride	ND		1.1	0.42	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Chlorobenzene	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Chlorobromomethane	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Chlorodibromomethane	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Chloroethane	ND		1.1	0.57	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Chloroform	ND		1.1	1.1	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Chloromethane	ND		1.1	0.47	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
cis-1,2-Dichloroethene	ND		1.1	0.39	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
cis-1,3-Dichloropropene	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Cyclohexane	ND		1.1	0.24	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.50	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,2-Dibromoethane	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,2-Dichlorobenzene	ND		1.1	0.39	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP1 **Lab Sample ID: 180-147751-11**
Date Collected: 11/10/22 00:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,4-Dichlorobenzene	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Dichlorobromomethane	ND		1.1	0.28	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Dichlorodifluoromethane	ND		1.1	0.37	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,1-Dichloroethane	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,2-Dichloroethane	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,1-Dichloroethene	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,2-Dichloroethene, Total	ND		2.2	0.42	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,2-Dichloropropane	ND		1.1	0.46	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,4-Dioxane	ND		110	10	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Ethylbenzene	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
2-Hexanone	ND		5.5	1.9	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Isopropylbenzene	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Methyl acetate	ND		5.5	4.7	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Methylcyclohexane	ND		1.1	0.54	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Methylene Chloride	ND	*-	2.2	1.2	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	1.7	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Methyl tert-butyl ether	ND		1.1	0.56	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
m-Xylene & p-Xylene	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
o-Xylene	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Styrene	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.23	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Tetrachloroethene	ND		1.1	0.33	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Toluene	ND		1.1	0.26	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
trans-1,2-Dichloroethene	ND		1.1	0.27	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
trans-1,3-Dichloropropene	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,2,3-Trichlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,2,4-Trichlorobenzene	ND		1.1	0.39	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,1,1-Trichloroethane	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Trichloroethene	ND		1.1	0.35	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Trichlorofluoromethane	ND		1.1	0.44	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.33	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Vinyl chloride	ND		1.1	0.60	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1
Xylenes, Total	ND		2.2	0.19	ug/Kg	☼	11/12/22 09:28	11/16/22 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*75 - 139*	*11/12/22 09:28*	*11/16/22 23:07*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*	*11/12/22 09:28*	*11/16/22 23:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*132*		*72 - 145*	*11/12/22 09:28*	*11/16/22 23:07*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/12/22 09:28*	*11/16/22 23:07*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Acetophenone	ND		360	18	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Anthracene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Benzaldehyde	ND		360	59	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV-DUP1
Lab Sample ID: 180-147751-11
Date Collected: 11/10/22 00:00
Matrix: Solid
Date Received: 11/11/22 09:00
Percent Solids: 92.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**26**	**J**	36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Benzo[a]pyrene	**19**	**J *-**	36	9.5	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Benzo[b]fluoranthene	**26**	**J**	36	9.2	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Benzo[g,h,i]perylene	**13**	**J**	360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Benzo[k]fluoranthene	**9.1**	**J**	36	7.0	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
1,1'-Biphenyl	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Bis(2-chloroethyl)ether	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
4-Bromophenyl phenyl ether	ND	*-	360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Caprolactam	ND	*+	360	56	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
4-Chloroaniline	ND		360	63	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Chrysene	**18**	**J**	360	6.0	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Dibenz(a,h)anthracene	ND		36	15	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Dimethyl phthalate	ND		360	81	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Di-n-butyl phthalate	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
1,4-Dioxane	ND		36	31	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Fluoranthene	**29**	**J**	360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Fluorene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Hexachlorobenzene	ND	*-	36	17	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Hexachlorobutadiene	ND		72	7.6	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Hexachlorocyclopentadiene	ND		360	31	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Hexachloroethane	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Indeno[1,2,3-cd]pyrene	**21**	**J**	36	14	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2-Methylphenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Methylphenol, 3 & 4	ND		360	22	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Naphthalene	ND		360	6.2	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
3-Nitroaniline	ND		360	85	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
4-Nitroaniline	ND		360	41	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP1 — Lab Sample ID: 180-147751-11

Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
N-Nitrosodiphenylamine	ND		360	29	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2,2'-oxybis[1-chloropropane]	ND		360	6.5	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Pentachlorophenol	ND		290	73	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Phenanthrene	**14**	**J**	360	6.3	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Phenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
Pyrene	**27**	**J**	360	8.9	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2,3,4,6-Tetrachlorophenol	ND		360	24	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2,4,5-Trichlorophenol	ND		360	36	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/15/22 22:13	11/17/22 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*89*		*22 - 122*	*11/15/22 22:13*	*11/17/22 21:07*	*1*
2-Fluorophenol (Surr)	*76*		*18 - 123*	*11/15/22 22:13*	*11/17/22 21:07*	*1*
Nitrobenzene-d5 (Surr)	*86*		*16 - 125*	*11/15/22 22:13*	*11/17/22 21:07*	*1*
Phenol-d5 (Surr)	*79*		*23 - 120*	*11/15/22 22:13*	*11/17/22 21:07*	*1*
Terphenyl-d14 (Surr)	*95*		*25 - 126*	*11/15/22 22:13*	*11/17/22 21:07*	*1*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 123*	*11/15/22 22:13*	*11/17/22 21:07*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/14/22 10:35	11/24/22 06:11	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/14/22 10:35	11/24/22 06:11	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/14/22 10:35	11/24/22 06:11	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:35	11/24/22 06:11	1
PCB-1248	ND		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 06:11	1
PCB-1254	**9.2**	**J**	18	5.4	ug/Kg	☼	11/14/22 10:35	11/24/22 06:11	1
PCB-1260	ND		18	5.1	ug/Kg	☼	11/14/22 10:35	11/24/22 06:11	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/14/22 10:35	11/24/22 06:11	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:35	11/24/22 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*107*		*63 - 138*	*11/14/22 10:35*	*11/24/22 06:11*	*1*
DCB Decachlorobiphenyl (Surr)	*99*		*63 - 138*	*11/14/22 10:35*	*11/24/22 06:11*	*1*
Tetrachloro-m-xylene (Surr)	*106*		*55 - 135*	*11/14/22 10:35*	*11/24/22 06:11*	*1*
Tetrachloro-m-xylene (Surr)	*103*		*55 - 135*	*11/14/22 10:35*	*11/24/22 06:11*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8300**		20	5.4	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Antimony	**0.59**	**J**	2.0	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Arsenic	**5.8**		1.5	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Barium	**91**		20	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Beryllium	**0.42**	**J**	0.50	0.054	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Cadmium	**0.18**	**J**	0.50	0.048	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Calcium	**5700**		500	37	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Chromium	**10**		1.0	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP1 — Lab Sample ID: 180-147751-11

Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.3**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.5		1.0	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Copper	16		2.5	0.24	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Iron	16000		20	7.0	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Lead	25		1.0	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Magnesium	2900		500	46	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Manganese	430		1.5	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Nickel	18		4.0	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Potassium	1400		500	80	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Selenium	0.63	J	2.0	0.47	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Silver	ND		1.0	0.081	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Sodium	ND		500	63	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Thallium	ND		2.0	0.40	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Vanadium	12		5.0	0.82	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1
Zinc	110		5.0	1.4	mg/Kg	☼	11/14/22 15:00	11/15/22 11:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.12	0.022	mg/Kg	☼	11/14/22 15:00	11/15/22 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.7		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	92.3		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV85-0.17-1 — Lab Sample ID: 180-147751-12

Date Collected: 11/10/22 14:20 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 95.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		7.5	7.2	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Benzene	ND		1.3	0.32	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Bromoform	ND		1.3	0.53	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Bromomethane	ND		2.5	1.3	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
2-Butanone (MEK)	ND		6.3	0.46	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Carbon disulfide	ND		1.3	0.33	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Carbon tetrachloride	ND		1.3	0.48	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Chlorobenzene	ND		1.3	0.22	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Chlorobromomethane	ND		1.3	0.35	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Chlorodibromomethane	ND		1.3	0.24	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Chloroethane	ND		1.3	0.65	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Chloroform	ND		1.3	1.2	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Chloromethane	ND		1.3	0.54	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
cis-1,2-Dichloroethene	ND		1.3	0.45	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
cis-1,3-Dichloropropene	ND		1.3	0.34	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Cyclohexane	ND		1.3	0.28	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,2-Dibromo-3-Chloropropane	ND		1.3	0.58	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,2-Dibromoethane	ND		1.3	0.23	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,2-Dichlorobenzene	ND		1.3	0.45	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,3-Dichlorobenzene	ND		1.3	0.46	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV85-0.17-1 **Lab Sample ID: 180-147751-12**
Date Collected: 11/10/22 14:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.3	0.28	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Dichlorobromomethane	ND		1.3	0.32	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Dichlorodifluoromethane	ND		1.3	0.42	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,1-Dichloroethane	ND		1.3	0.26	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,2-Dichloroethane	ND		1.3	0.37	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,1-Dichloroethene	ND		1.3	0.28	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,2-Dichloroethene, Total	ND		2.5	0.48	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,2-Dichloropropane	ND		1.3	0.53	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,4-Dioxane	ND	*3	130	11	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Ethylbenzene	ND		1.3	0.25	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
2-Hexanone	ND		6.3	2.1	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Isopropylbenzene	ND		1.3	0.36	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Methyl acetate	ND		6.3	5.4	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Methylcyclohexane	ND		1.3	0.62	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Methylene Chloride	ND	*-	2.5	1.4	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
4-Methyl-2-pentanone (MIBK)	ND		6.3	1.9	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Methyl tert-butyl ether	ND		1.3	0.64	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
m-Xylene & p-Xylene	ND		1.3	0.22	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
o-Xylene	ND		1.3	0.24	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Styrene	ND		1.3	0.35	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,1,2,2-Tetrachloroethane	ND		1.3	0.27	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Tetrachloroethene	ND		1.3	0.38	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Toluene	ND		1.3	0.29	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
trans-1,2-Dichloroethene	ND		1.3	0.31	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
trans-1,3-Dichloropropene	ND		1.3	0.33	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,2,3-Trichlorobenzene	ND		1.3	0.23	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,2,4-Trichlorobenzene	ND		1.3	0.45	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,1,1-Trichloroethane	ND		1.3	0.29	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,1,2-Trichloroethane	ND		1.3	0.22	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Trichloroethene	ND		1.3	0.40	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Trichlorofluoromethane	ND		1.3	0.51	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.3	0.38	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Vinyl chloride	ND		1.3	0.68	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1
Xylenes, Total	ND		2.5	0.22	ug/Kg	☼	11/12/22 09:28	11/16/22 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*75 - 139*	*11/12/22 09:28*	*11/16/22 23:30*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 139*	*11/12/22 09:28*	*11/16/22 23:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*		*72 - 145*	*11/12/22 09:28*	*11/16/22 23:30*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*11/12/22 09:28*	*11/16/22 23:30*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	9.9	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Acenaphthylene	**11**	**J**	350	9.9	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Acetophenone	ND		350	17	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Anthracene	ND		350	11	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Atrazine	ND		140	20	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Benzaldehyde	ND		350	57	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Benzo[a]anthracene	**72**		35	12	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1

Client Sample ID: SSHS-IRM5A2-SCV85-0.17-1 **Lab Sample ID: 180-147751-12**
Date Collected: 11/10/22 14:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**73**		35	9.2	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Benzo[b]fluoranthene	**110**		35	9.0	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Benzo[g,h,i]perylene	**39**	**J**	350	10	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Benzo[k]fluoranthene	**40**		35	6.8	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Bis(2-chloroethoxy)methane	ND		350	27	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Bis(2-ethylhexyl) phthalate	ND		350	18	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Butyl benzyl phthalate	ND		350	16	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Caprolactam	ND		350	54	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Carbazole	ND		350	13	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
4-Chloroaniline	ND	*1	350	62	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
4-Chloro-3-methylphenol	ND		350	19	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2-Chlorophenol	ND		350	12	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Chrysene	**78**	**J**	350	5.9	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Dibenzofuran	ND		350	12	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
3,3'-Dichlorobenzidine	ND	*1	140	52	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2,4-Dimethylphenol	ND		350	41	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Dimethyl phthalate	ND		350	79	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Di-n-butyl phthalate	ND		350	13	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2,4-Dinitrotoluene	ND		70	37	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2,6-Dinitrotoluene	ND		70	25	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Di-n-octyl phthalate	ND		350	18	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
1,4-Dioxane	ND		35	30	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Fluoranthene	**110**	**J**	350	12	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Fluorene	ND		350	10	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Hexachlorobenzene	ND		35	16	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Hexachlorobutadiene	ND		70	7.4	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Hexachlorocyclopentadiene	ND		350	30	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Indeno[1,2,3-cd]pyrene	**46**		35	14	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Isophorone	ND		140	100	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2-Methylnaphthalene	ND		350	9.7	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Naphthalene	**8.3**	**J**	350	6.0	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2-Nitroaniline	ND		350	26	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
3-Nitroaniline	ND	*1	350	82	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
4-Nitroaniline	ND		350	40	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Nitrobenzene	ND		35	19	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1

Client Sample ID: SSHS-IRM5A2-SCV85-0.17-1 **Lab Sample ID: 180-147751-12**
Date Collected: 11/10/22 14:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		700	57	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
N-Nitrosodi-n-propylamine	ND		35	25	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2,2'-oxybis[1-chloropropane]	ND		350	6.3	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Pentachlorophenol	ND		280	71	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Phenanthrene	**55**	**J**	350	6.1	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Phenol	ND		350	13	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
Pyrene	**100**	**J**	350	8.6	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2,3,4,6-Tetrachlorophenol	ND		350	23	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2,4,5-Trichlorophenol	ND		350	35	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	11/17/22 10:08	11/18/22 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*89*		*22 - 122*	*11/17/22 10:08*	*11/18/22 02:09*	*1*
2-Fluorophenol (Surr)	*83*		*18 - 123*	*11/17/22 10:08*	*11/18/22 02:09*	*1*
Nitrobenzene-d5 (Surr)	*78*		*16 - 125*	*11/17/22 10:08*	*11/18/22 02:09*	*1*
Phenol-d5 (Surr)	*89*		*23 - 120*	*11/17/22 10:08*	*11/18/22 02:09*	*1*
Terphenyl-d14 (Surr)	*82*		*25 - 126*	*11/17/22 10:08*	*11/18/22 02:09*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*10 - 123*	*11/17/22 10:08*	*11/18/22 02:09*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.7	ug/Kg	☼	11/14/22 10:35	11/24/22 06:30	1
PCB-1221	ND		17	6.2	ug/Kg	☼	11/14/22 10:35	11/24/22 06:30	1
PCB-1232	ND		17	4.2	ug/Kg	☼	11/14/22 10:35	11/24/22 06:30	1
PCB-1242	ND		17	2.6	ug/Kg	☼	11/14/22 10:35	11/24/22 06:30	1
PCB-1248	ND		17	4.2	ug/Kg	☼	11/14/22 10:35	11/24/22 06:30	1
PCB-1254	**9.5**	**J**	17	5.2	ug/Kg	☼	11/14/22 10:35	11/24/22 06:30	1
PCB-1260	ND		17	5.0	ug/Kg	☼	11/14/22 10:35	11/24/22 06:30	1
PCB-1262	ND		17	6.1	ug/Kg	☼	11/14/22 10:35	11/24/22 06:30	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:35	11/24/22 06:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*11/14/22 10:35*	*11/24/22 06:30*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*63 - 138*	*11/14/22 10:35*	*11/24/22 06:30*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*	*11/14/22 10:35*	*11/24/22 06:30*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*11/14/22 10:35*	*11/24/22 06:30*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8100**		17	4.6	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Antimony	**0.74**	**J**	1.7	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Arsenic	**6.3**		1.3	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Barium	**89**		17	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Beryllium	**0.39**	**J**	0.43	0.046	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Cadmium	**0.18**	**J**	0.43	0.041	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Calcium	**9500**		430	31	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Chromium	**10**		0.86	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Cobalt	**7.5**		0.86	0.17	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1

Client Sample ID: SSHS-IRM5A2-SCV85-0.17-1 — Lab Sample ID: 180-147751-12

Date Collected: 11/10/22 14:20 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 95.0**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	17		2.1	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Iron	16000		17	5.9	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Lead	35		0.86	0.24	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Magnesium	3700		430	39	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Manganese	430		1.3	0.95	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Nickel	18		3.4	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Potassium	1200		430	68	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Selenium	0.54	J	1.7	0.40	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Silver	ND		0.86	0.069	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Sodium	59	J	430	54	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Thallium	ND		1.7	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Vanadium	12		4.3	0.70	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1
Zinc	120		4.3	1.2	mg/Kg	☼	11/14/22 15:00	11/15/22 11:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058	J	0.094	0.017	mg/Kg	☼	11/14/22 15:00	11/15/22 15:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.0		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	95.0		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV85-1-2 — Lab Sample ID: 180-147751-13

Date Collected: 11/10/22 14:25 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.2	6.0	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Benzene	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Bromoform	ND		1.0	0.44	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Bromomethane	ND		2.1	1.0	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
2-Butanone (MEK)	ND		5.2	0.38	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Carbon disulfide	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Carbon tetrachloride	ND		1.0	0.40	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Chlorodibromomethane	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Chloroethane	ND		1.0	0.54	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Chloroform	ND		1.0	1.0	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Chloromethane	ND		1.0	0.45	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
cis-1,2-Dichloroethene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Cyclohexane	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.48	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,2-Dibromoethane	ND		1.0	0.19	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,2-Dichlorobenzene	ND		1.0	0.38	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,3-Dichlorobenzene	ND		1.0	0.38	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV85-1-2 **Lab Sample ID: 180-147751-13**
Date Collected: 11/10/22 14:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 97.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,2-Dichloroethane	ND		1.0	0.31	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,2-Dichloroethene, Total	ND		2.1	0.40	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,2-Dichloropropane	ND		1.0	0.44	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,4-Dioxane	ND	*3	100	9.6	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Ethylbenzene	ND		1.0	0.21	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
2-Hexanone	ND		5.2	1.8	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Isopropylbenzene	ND		1.0	0.30	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Methyl acetate	ND		5.2	4.5	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Methylcyclohexane	ND		1.0	0.52	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Methylene Chloride	ND	*-	2.1	1.2	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.2	1.6	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Methyl tert-butyl ether	ND		1.0	0.53	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
m-Xylene & p-Xylene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Styrene	ND		1.0	0.29	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Tetrachloroethene	ND		1.0	0.32	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Toluene	ND		1.0	0.24	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
trans-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,2,3-Trichlorobenzene	ND		1.0	0.19	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Trichloroethene	ND		1.0	0.33	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Trichlorofluoromethane	ND		1.0	0.42	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Vinyl chloride	ND		1.0	0.57	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1
Xylenes, Total	ND		2.1	0.18	ug/Kg	☼	11/12/22 09:29	11/16/22 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*75 - 139*	*11/12/22 09:29*	*11/16/22 23:52*	*1*
Dibromofluoromethane (Surr)	*116*		*73 - 139*	*11/12/22 09:29*	*11/16/22 23:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*72 - 145*	*11/12/22 09:29*	*11/16/22 23:52*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*11/12/22 09:29*	*11/16/22 23:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	9.7	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Acenaphthylene	ND		340	9.7	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Acetophenone	ND		340	17	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Anthracene	ND		340	10	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Benzaldehyde	ND		340	56	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Benzo[a]anthracene	**20**	**J**	34	12	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Benzo[a]pyrene	**15**	**J *-**	34	9.0	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV85-1-2 **Lab Sample ID: 180-147751-13**
Date Collected: 11/10/22 14:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 97.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**23**	**J**	34	8.8	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Benzo[g,h,i]perylene	**18**	**J**	340	10	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Benzo[k]fluoranthene	ND		34	6.7	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Bis(2-chloroethoxy)methane	ND		340	26	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
4-Bromophenyl phenyl ether	ND	*-	340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Caprolactam	ND	*+	340	53	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Carbazole	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
4-Chloroaniline	ND		340	60	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Chrysene	**21**	**J**	340	5.7	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Dibenzofuran	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
3,3'-Dichlorobenzidine	ND		140	51	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2,4-Dimethylphenol	ND		340	40	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Dimethyl phthalate	ND		340	77	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Di-n-butyl phthalate	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2,4-Dinitrophenol	ND		270	170	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2,4-Dinitrotoluene	ND		69	37	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2,6-Dinitrotoluene	ND		69	25	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
1,4-Dioxane	ND		34	30	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Fluoranthene	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Fluorene	ND		340	9.9	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Hexachlorobenzene	ND	*-	34	16	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Hexachlorobutadiene	ND		69	7.2	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Hexachlorocyclopentadiene	ND		340	30	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Hexachloroethane	ND		34	12	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Indeno[1,2,3-cd]pyrene	**17**	**J**	34	13	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Isophorone	ND		140	98	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2-Methylnaphthalene	ND		340	9.5	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2-Methylphenol	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Methylphenol, 3 & 4	ND		340	21	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Naphthalene	ND		340	5.9	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
3-Nitroaniline	ND		340	81	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
4-Nitroaniline	ND		340	39	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Nitrobenzene	ND		34	19	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2-Nitrophenol	ND		340	34	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
4-Nitrophenol	ND		690	55	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1

Client Sample ID: SSHS-IRM5A2-SCV85-1-2 Lab Sample ID: 180-147751-13

Date Collected: 11/10/22 14:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 97.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2,2'-oxybis[1-chloropropane]	ND		340	6.1	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Pentachlorophenol	ND		270	70	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Phenanthrene	ND		340	6.0	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Phenol	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
Pyrene	**18**	**J**	340	8.4	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
1,2,4,5-Tetrachlorobenzene	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2,3,4,6-Tetrachlorophenol	ND		340	23	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1
2,4,6-Trichlorophenol	ND		140	44	ug/Kg	☼	11/15/22 22:13	11/17/22 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*22 - 122*	*11/15/22 22:13*	*11/17/22 19:21*	*1*
2-Fluorophenol (Surr)	*67*		*18 - 123*	*11/15/22 22:13*	*11/17/22 19:21*	*1*
Nitrobenzene-d5 (Surr)	*74*		*16 - 125*	*11/15/22 22:13*	*11/17/22 19:21*	*1*
Phenol-d5 (Surr)	*79*		*23 - 120*	*11/15/22 22:13*	*11/17/22 19:21*	*1*
Terphenyl-d14 (Surr)	*105*		*25 - 126*	*11/15/22 22:13*	*11/17/22 19:21*	*1*
2,4,6-Tribromophenol (Surr)	*110*		*10 - 123*	*11/15/22 22:13*	*11/17/22 19:21*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.5	ug/Kg	☼	11/14/22 10:35	11/24/22 06:49	1
PCB-1221	ND		17	6.0	ug/Kg	☼	11/14/22 10:35	11/24/22 06:49	1
PCB-1232	ND		17	4.2	ug/Kg	☼	11/14/22 10:35	11/24/22 06:49	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/14/22 10:35	11/24/22 06:49	1
PCB-1248	ND		17	4.1	ug/Kg	☼	11/14/22 10:35	11/24/22 06:49	1
PCB-1254	**19**		17	5.1	ug/Kg	☼	11/14/22 10:35	11/24/22 06:49	1
PCB-1260	**8.8**	**J**	17	4.8	ug/Kg	☼	11/14/22 10:35	11/24/22 06:49	1
PCB-1262	ND		17	6.0	ug/Kg	☼	11/14/22 10:35	11/24/22 06:49	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:35	11/24/22 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*85*		*63 - 138*	*11/14/22 10:35*	*11/24/22 06:49*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*11/14/22 10:35*	*11/24/22 06:49*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*55 - 135*	*11/14/22 10:35*	*11/24/22 06:49*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*55 - 135*	*11/14/22 10:35*	*11/24/22 06:49*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5900**		20	5.3	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Antimony	**0.80**	**J**	2.0	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Arsenic	**5.2**		1.5	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Barium	**61**		20	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Beryllium	**0.21**	**J**	0.50	0.054	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Cadmium	**0.18**	**J**	0.50	0.048	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Calcium	**27000**		500	36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Chromium	**8.0**		1.0	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Cobalt	**5.2**		1.0	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Copper	**16**		2.5	0.24	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1

Client Sample ID: SSHS-IRM5A2-SCV85-1-2 — Lab Sample ID: 180-147751-13

Date Collected: 11/10/22 14:25 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.1**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	13000		20	6.9	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Lead	36		1.0	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Magnesium	6700		500	46	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Manganese	350		1.5	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Nickel	13		4.0	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Potassium	750		500	79	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Selenium	ND		2.0	0.47	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Silver	ND		1.0	0.081	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Sodium	91	J	500	63	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Thallium	ND		2.0	0.40	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Vanadium	11		5.0	0.82	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1
Zinc	100		5.0	1.4	mg/Kg	☼	11/14/22 15:00	11/15/22 11:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053	J	0.11	0.019	mg/Kg	☼	11/14/22 15:00	11/15/22 15:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.9		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	97.1		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV74-0-0.17 — Lab Sample ID: 180-147751-14

Date Collected: 11/10/22 14:30 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.2	5.9	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Benzene	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Bromoform	ND		1.0	0.44	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Bromomethane	ND		2.1	1.0	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
2-Butanone (MEK)	ND		5.2	0.38	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Carbon disulfide	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Carbon tetrachloride	ND		1.0	0.40	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Chlorodibromomethane	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Chloroethane	ND		1.0	0.54	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Chloroform	ND		1.0	1.0	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Chloromethane	ND		1.0	0.45	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
cis-1,2-Dichloroethene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Cyclohexane	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.48	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,2-Dibromoethane	ND		1.0	0.19	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,2-Dichlorobenzene	ND		1.0	0.38	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,3-Dichlorobenzene	ND		1.0	0.38	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Dichlorobromomethane	ND		1.0	0.27	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1

Client Sample ID: SSHS-IRM5A2-SCV74-0-0.17 Lab Sample ID: 180-147751-14

Date Collected: 11/10/22 14:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.35	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,2-Dichloroethane	ND		1.0	0.31	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,2-Dichloroethene, Total	ND		2.1	0.40	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,2-Dichloropropane	ND		1.0	0.44	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,4-Dioxane	ND	*3	100	9.5	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Ethylbenzene	ND		1.0	0.21	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
2-Hexanone	ND		5.2	1.8	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Isopropylbenzene	ND		1.0	0.30	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Methyl acetate	ND		5.2	4.5	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Methylcyclohexane	ND		1.0	0.52	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Methylene Chloride	ND	*-	2.1	1.2	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.2	1.6	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Methyl tert-butyl ether	ND		1.0	0.53	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
m-Xylene & p-Xylene	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Styrene	ND		1.0	0.29	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Tetrachloroethene	ND		1.0	0.32	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Toluene	ND		1.0	0.24	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
trans-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,2,3-Trichlorobenzene	ND		1.0	0.19	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Trichloroethene	ND		1.0	0.33	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Trichlorofluoromethane	ND		1.0	0.42	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Vinyl chloride	ND		1.0	0.57	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1
Xylenes, Total	ND		2.1	0.18	ug/Kg	☼	11/12/22 09:29	11/17/22 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*75 - 139*	*11/12/22 09:29*	*11/17/22 00:15*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 139*	*11/12/22 09:29*	*11/17/22 00:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*135*		*72 - 145*	*11/12/22 09:29*	*11/17/22 00:15*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/12/22 09:29*	*11/17/22 00:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Acenaphthylene	ND		350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Acetophenone	ND		350	17	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Anthracene	ND		350	11	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Benzaldehyde	ND		350	59	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Benzo[a]anthracene	**31**	**J**	35	12	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Benzo[a]pyrene	**34**	**J *-**	35	9.5	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Benzo[b]fluoranthene	**51**		35	9.2	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV74-0-0.17 **Lab Sample ID: 180-147751-14**
Date Collected: 11/10/22 14:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.9**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**26**	**J**	350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Benzo[k]fluoranthene	**19**	**J**	35	7.0	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Bis(2-chloroethoxy)methane	ND		350	28	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Bis(2-ethylhexyl) phthalate	ND		350	19	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
4-Bromophenyl phenyl ether	ND	*-	350	14	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Butyl benzyl phthalate	ND		350	17	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Caprolactam	ND	*+	350	55	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Carbazole	ND		350	14	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
4-Chloroaniline	ND		350	63	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2-Chlorophenol	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
4-Chlorophenyl phenyl ether	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Chrysene	**37**	**J**	350	6.0	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Dibenzofuran	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2,4-Dimethylphenol	ND		350	42	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Dimethyl phthalate	ND		350	81	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Di-n-butyl phthalate	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2,4-Dinitrophenol	ND		290	170	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Di-n-octyl phthalate	ND		350	19	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
1,4-Dioxane	ND		35	31	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Fluoranthene	**49**	**J**	350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Fluorene	ND		350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Hexachlorobenzene	ND	*-	35	17	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Hexachlorobutadiene	ND		72	7.6	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Hexachlorocyclopentadiene	ND		350	31	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Indeno[1,2,3-cd]pyrene	**33**	**J**	35	14	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2-Methylnaphthalene	ND		350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Naphthalene	ND		350	6.2	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
3-Nitroaniline	ND		350	84	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
4-Nitroaniline	ND		350	41	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Nitrobenzene	ND		35	20	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2-Nitrophenol	ND		350	36	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
N-Nitrosodi-n-propylamine	ND		35	26	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1

Client Sample ID: SSHS-IRM5A2-SCV74-0-0.17 Lab Sample ID: 180-147751-14

Date Collected: 11/10/22 14:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.9**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2,2'-oxybis[1-chloropropane]	ND		350	6.4	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Pentachlorophenol	ND		290	73	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Phenanthrene	**18**	**J**	350	6.3	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Phenol	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
Pyrene	**44**	**J**	350	8.8	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2,3,4,6-Tetrachlorophenol	ND		350	24	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/15/22 22:13	11/17/22 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*22 - 122*	*11/15/22 22:13*	*11/17/22 17:52*	*1*
2-Fluorophenol (Surr)	*56*		*18 - 123*	*11/15/22 22:13*	*11/17/22 17:52*	*1*
Nitrobenzene-d5 (Surr)	*63*		*16 - 125*	*11/15/22 22:13*	*11/17/22 17:52*	*1*
Phenol-d5 (Surr)	*66*		*23 - 120*	*11/15/22 22:13*	*11/17/22 17:52*	*1*
Terphenyl-d14 (Surr)	*101*		*25 - 126*	*11/15/22 22:13*	*11/17/22 17:52*	*1*
2,4,6-Tribromophenol (Surr)	*111*		*10 - 123*	*11/15/22 22:13*	*11/17/22 17:52*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/14/22 10:35	11/24/22 07:07	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/14/22 10:35	11/24/22 07:07	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 07:07	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:35	11/24/22 07:07	1
PCB-1248	**10**	**J**	18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 07:07	1
PCB-1254	**15**	**J**	18	5.3	ug/Kg	☼	11/14/22 10:35	11/24/22 07:07	1
PCB-1260	**8.1**	**J**	18	5.1	ug/Kg	☼	11/14/22 10:35	11/24/22 07:07	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/14/22 10:35	11/24/22 07:07	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:35	11/24/22 07:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*77*		*63 - 138*	*11/14/22 10:35*	*11/24/22 07:07*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*	*11/14/22 10:35*	*11/24/22 07:07*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*55 - 135*	*11/14/22 10:35*	*11/24/22 07:07*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*55 - 135*	*11/14/22 10:35*	*11/24/22 07:07*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8800**		20	5.3	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Antimony	**0.65**	**J**	2.0	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Arsenic	**6.9**		1.5	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Barium	**94**		20	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Beryllium	**0.43**	**J**	0.49	0.053	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Cadmium	**0.48**	**J**	0.49	0.047	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Calcium	**5100**		490	36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Chromium	**11**		0.99	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Cobalt	**8.2**		0.99	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Copper	**17**		2.5	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Iron	**17000**		20	6.9	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1

Client Sample ID: SSHS-IRM5A2-SCV74-0-0.17 — Lab Sample ID: 180-147751-14

Date Collected: 11/10/22 14:30 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.9**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	33		0.99	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Magnesium	2900		490	46	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Manganese	470		1.5	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Nickel	18		4.0	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Potassium	1600		490	78	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Selenium	0.70	J	2.0	0.46	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Silver	ND		0.99	0.080	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Sodium	69	J	490	62	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Thallium	ND		2.0	0.39	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Vanadium	13		4.9	0.81	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Zinc	310		4.9	1.4	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053	J	0.11	0.019	mg/Kg	☼	11/14/22 15:00	11/15/22 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.1		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	92.9		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV74-0.17-1 — Lab Sample ID: 180-147751-15

Date Collected: 11/10/22 14:35 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 95.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.8	6.5	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Benzene	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Bromoform	ND		1.1	0.48	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Bromomethane	ND		2.3	1.1	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
2-Butanone (MEK)	ND		5.7	0.42	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Carbon disulfide	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Carbon tetrachloride	ND		1.1	0.44	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Chlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Chlorobromomethane	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Chlorodibromomethane	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Chloroethane	ND		1.1	0.59	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Chloroform	ND		1.1	1.1	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Chloromethane	ND		1.1	0.49	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
cis-1,2-Dichloroethene	ND		1.1	0.40	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
cis-1,3-Dichloropropene	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Cyclohexane	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.52	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,2-Dibromoethane	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,2-Dichlorobenzene	ND		1.1	0.41	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,3-Dichlorobenzene	ND		1.1	0.41	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,4-Dichlorobenzene	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Dichlorobromomethane	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Dichlorodifluoromethane	ND		1.1	0.38	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1

Client Sample ID: SSHS-IRM5A2-SCV74-0.17-1 **Lab Sample ID: 180-147751-15**
Date Collected: 11/10/22 14:35 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.1	0.23	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,2-Dichloroethane	ND		1.1	0.33	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,1-Dichloroethene	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,2-Dichloroethene, Total	ND		2.3	0.43	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,2-Dichloropropane	ND		1.1	0.48	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,4-Dioxane	ND	*3	110	10	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Ethylbenzene	ND		1.1	0.23	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
2-Hexanone	ND		5.7	1.9	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Isopropylbenzene	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Methyl acetate	ND		5.7	4.9	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Methylcyclohexane	ND		1.1	0.56	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Methylene Chloride	ND	*-	2.3	1.3	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	1.8	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Methyl tert-butyl ether	ND		1.1	0.58	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
m-Xylene & p-Xylene	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
o-Xylene	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Styrene	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.24	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Tetrachloroethene	ND		1.1	0.34	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Toluene	**0.27**	**J**	1.1	0.26	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
trans-1,2-Dichloroethene	ND		1.1	0.28	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
trans-1,3-Dichloropropene	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,2,3-Trichlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,2,4-Trichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,1,1-Trichloroethane	ND		1.1	0.26	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Trichloroethene	ND		1.1	0.36	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Trichlorofluoromethane	ND		1.1	0.46	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.34	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Vinyl chloride	ND		1.1	0.62	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1
Xylenes, Total	ND		2.3	0.20	ug/Kg	☼	11/12/22 09:29	11/17/22 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*	*11/12/22 09:29*	*11/17/22 00:37*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*	*11/12/22 09:29*	*11/17/22 00:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*135*		*72 - 145*	*11/12/22 09:29*	*11/17/22 00:37*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/12/22 09:29*	*11/17/22 00:37*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	9.8	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Acenaphthylene	ND		340	9.9	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Acetophenone	ND		340	17	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Anthracene	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Benzaldehyde	ND		340	57	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Benzo[a]anthracene	**40**		34	12	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Benzo[a]pyrene	**40**	***-**	34	9.2	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Benzo[b]fluoranthene	**56**		34	8.9	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Benzo[g,h,i]perylene	**25**	**J**	340	10	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV74-0.17-1 **Lab Sample ID: 180-147751-15**
Date Collected: 11/10/22 14:35 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	**21**	**J**	34	6.8	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Bis(2-chloroethoxy)methane	ND		340	27	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
4-Bromophenyl phenyl ether	ND	*-	340	14	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Caprolactam	ND	*+	340	54	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Carbazole	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
4-Chloroaniline	ND		340	61	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Chrysene	**44**	**J**	340	5.8	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Dibenzofuran	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
3,3'-Dichlorobenzidine	ND		140	52	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2,4-Dimethylphenol	ND		340	41	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Dimethyl phthalate	ND		340	79	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Di-n-butyl phthalate	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2,4-Dinitrotoluene	ND		70	37	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2,6-Dinitrotoluene	ND		70	25	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
1,4-Dioxane	ND		34	30	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Fluoranthene	**62**	**J**	340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Fluorene	ND		340	10	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Hexachlorobenzene	ND	*-	34	16	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Hexachlorobutadiene	ND		70	7.4	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Hexachlorocyclopentadiene	ND		340	30	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Hexachloroethane	ND		34	12	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Indeno[1,2,3-cd]pyrene	**31**	**J**	34	13	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2-Methylnaphthalene	ND		340	9.7	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2-Methylphenol	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Methylphenol, 3 & 4	ND		340	22	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Naphthalene	ND		340	6.0	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
3-Nitroaniline	ND		340	82	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
4-Nitroaniline	ND		340	40	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Nitrobenzene	ND		34	19	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2-Nitrophenol	ND		340	35	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
4-Nitrophenol	ND		700	56	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV74-0.17-1 **Lab Sample ID: 180-147751-15**
Date Collected: 11/10/22 14:35 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		340	6.3	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Pentachlorophenol	ND		280	71	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Phenanthrene	**24**	**J**	340	6.1	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Phenol	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
Pyrene	**58**	**J**	340	8.6	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
1,2,4,5-Tetrachlorobenzene	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2,3,4,6-Tetrachlorophenol	ND		340	23	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1
2,4,6-Trichlorophenol	ND		140	44	ug/Kg	☼	11/15/22 22:13	11/17/22 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*22 - 122*	*11/15/22 22:13*	*11/17/22 18:14*	*1*
2-Fluorophenol (Surr)	*62*		*18 - 123*	*11/15/22 22:13*	*11/17/22 18:14*	*1*
Nitrobenzene-d5 (Surr)	*72*		*16 - 125*	*11/15/22 22:13*	*11/17/22 18:14*	*1*
Phenol-d5 (Surr)	*72*		*23 - 120*	*11/15/22 22:13*	*11/17/22 18:14*	*1*
Terphenyl-d14 (Surr)	*99*		*25 - 126*	*11/15/22 22:13*	*11/17/22 18:14*	*1*
2,4,6-Tribromophenol (Surr)	*106*		*10 - 123*	*11/15/22 22:13*	*11/17/22 18:14*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.6	ug/Kg	☼	11/14/22 10:35	11/24/22 07:26	1
PCB-1221	ND		17	6.1	ug/Kg	☼	11/14/22 10:35	11/24/22 07:26	1
PCB-1232	ND		17	4.2	ug/Kg	☼	11/14/22 10:35	11/24/22 07:26	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/14/22 10:35	11/24/22 07:26	1
PCB-1248	**57**		17	4.1	ug/Kg	☼	11/14/22 10:35	11/24/22 07:26	1
PCB-1254	**50**		17	5.2	ug/Kg	☼	11/14/22 10:35	11/24/22 07:26	1
PCB-1260	**23**		17	4.9	ug/Kg	☼	11/14/22 10:35	11/24/22 07:26	1
PCB-1262	ND		17	6.0	ug/Kg	☼	11/14/22 10:35	11/24/22 07:26	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:35	11/24/22 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*	*11/14/22 10:35*	*11/24/22 07:26*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*63 - 138*	*11/14/22 10:35*	*11/24/22 07:26*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*55 - 135*	*11/14/22 10:35*	*11/24/22 07:26*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*55 - 135*	*11/14/22 10:35*	*11/24/22 07:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8100**		17	4.4	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Antimony	**0.66**	**J**	1.7	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Arsenic	**6.9**		1.2	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Barium	**79**		17	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Beryllium	**0.34**	**J**	0.41	0.045	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Cadmium	**0.55**		0.41	0.040	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Calcium	**6500**		410	30	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Chromium	**10**		0.83	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Cobalt	**5.3**		0.83	0.17	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Copper	**30**		2.1	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Iron	**15000**		17	5.8	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Lead	**59**		0.83	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1

Client Sample ID: SSHS-IRM5A2-SCV74-0.17-1 — Lab Sample ID: 180-147751-15

Date Collected: 11/10/22 14:35 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 95.7**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	2900		410	38	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Manganese	320		1.2	0.92	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Nickel	15		3.3	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Potassium	690		410	66	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Selenium	0.48	J	1.7	0.39	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Silver	ND		0.83	0.067	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Sodium	63	J	410	52	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Thallium	ND		1.7	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Vanadium	13		4.1	0.68	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Zinc	350		4.1	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.095	J	0.11	0.019	mg/Kg	☼	11/14/22 15:00	11/15/22 15:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.3		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	95.7		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV74-1-2 — Lab Sample ID: 180-147751-16

Date Collected: 11/10/22 14:40 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 96.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		7.7	7.3	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Benzene	ND		1.3	0.33	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Bromoform	ND		1.3	0.54	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Bromomethane	ND		2.6	1.3	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
2-Butanone (MEK)	ND		6.4	0.47	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Carbon disulfide	ND		1.3	0.34	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Carbon tetrachloride	ND		1.3	0.49	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Chlorobenzene	ND		1.3	0.23	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Chlorobromomethane	ND		1.3	0.36	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Chlorodibromomethane	ND		1.3	0.25	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Chloroethane	ND		1.3	0.67	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Chloroform	ND		1.3	1.2	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Chloromethane	ND		1.3	0.56	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
cis-1,2-Dichloroethene	ND		1.3	0.46	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
cis-1,3-Dichloropropene	ND		1.3	0.35	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Cyclohexane	ND		1.3	0.28	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,2-Dibromo-3-Chloropropane	ND		1.3	0.59	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,2-Dibromoethane	ND		1.3	0.23	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,2-Dichlorobenzene	ND		1.3	0.46	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,3-Dichlorobenzene	ND		1.3	0.47	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,4-Dichlorobenzene	ND		1.3	0.29	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Dichlorobromomethane	ND		1.3	0.33	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Dichlorodifluoromethane	ND		1.3	0.43	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,1-Dichloroethane	ND		1.3	0.26	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1

Client Sample ID: SSHS-IRM5A2-SCV74-1-2 **Lab Sample ID: 180-147751-16**
Date Collected: 11/10/22 14:40 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.3	0.38	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,1-Dichloroethene	ND		1.3	0.29	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,2-Dichloroethene, Total	ND		2.6	0.49	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,2-Dichloropropane	ND		1.3	0.54	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,4-Dioxane	ND	*3	130	12	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Ethylbenzene	ND		1.3	0.25	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
2-Hexanone	ND		6.4	2.2	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Isopropylbenzene	ND		1.3	0.36	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Methyl acetate	ND		6.4	5.5	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Methylcyclohexane	ND		1.3	0.64	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Methylene Chloride	ND	*-	2.6	1.5	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
4-Methyl-2-pentanone (MIBK)	ND		6.4	2.0	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Methyl tert-butyl ether	ND		1.3	0.65	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
m-Xylene & p-Xylene	ND		1.3	0.22	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
o-Xylene	ND		1.3	0.25	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Styrene	ND		1.3	0.36	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,1,2,2-Tetrachloroethane	ND		1.3	0.27	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Tetrachloroethene	ND		1.3	0.39	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Toluene	ND		1.3	0.30	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
trans-1,2-Dichloroethene	ND		1.3	0.31	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
trans-1,3-Dichloropropene	ND		1.3	0.34	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,2,3-Trichlorobenzene	ND		1.3	0.23	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,2,4-Trichlorobenzene	ND		1.3	0.46	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,1,1-Trichloroethane	ND		1.3	0.30	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,1,2-Trichloroethane	ND		1.3	0.23	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Trichloroethene	ND		1.3	0.41	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Trichlorofluoromethane	ND		1.3	0.52	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.3	0.38	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Vinyl chloride	ND		1.3	0.70	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1
Xylenes, Total	ND		2.6	0.22	ug/Kg	☼	11/12/22 09:30	11/17/22 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*	*11/12/22 09:30*	*11/17/22 01:00*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 139*	*11/12/22 09:30*	*11/17/22 01:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*		*72 - 145*	*11/12/22 09:30*	*11/17/22 01:00*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/12/22 09:30*	*11/17/22 01:00*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	9.7	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Acenaphthylene	ND		340	9.8	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Acetophenone	ND		340	17	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Anthracene	ND		340	10	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Benzaldehyde	ND		340	57	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Benzo[a]anthracene	ND		34	12	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Benzo[a]pyrene	ND	*-	34	9.1	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Benzo[b]fluoranthene	ND		34	8.8	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Benzo[g,h,i]perylene	ND		340	10	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Benzo[k]fluoranthene	ND		34	6.7	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV74-1-2 **Lab Sample ID: 180-147751-16**
Date Collected: 11/10/22 14:40 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Bis(2-chloroethoxy)methane	ND		340	27	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
4-Bromophenyl phenyl ether	ND	*-	340	14	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Caprolactam	ND	*+	340	53	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Carbazole	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
4-Chloroaniline	ND		340	61	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Chrysene	ND		340	5.8	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Dibenzofuran	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
3,3'-Dichlorobenzidine	ND		140	52	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2,4-Dimethylphenol	ND		340	41	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Dimethyl phthalate	ND		340	78	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Di-n-butyl phthalate	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2,4-Dinitrotoluene	ND		69	37	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2,6-Dinitrotoluene	ND		69	25	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
1,4-Dioxane	ND		34	30	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Fluoranthene	ND		340	12	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Fluorene	ND		340	10	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Hexachlorobenzene	ND	*-	34	16	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Hexachlorobutadiene	ND		69	7.3	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Hexachlorocyclopentadiene	ND		340	30	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Hexachloroethane	ND		34	12	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Indeno[1,2,3-cd]pyrene	ND		34	13	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Isophorone	ND		140	99	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2-Methylnaphthalene	ND		340	9.6	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2-Methylphenol	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Methylphenol, 3 & 4	ND		340	21	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Naphthalene	ND		340	5.9	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
3-Nitroaniline	ND		340	81	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
4-Nitroaniline	ND		340	39	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Nitrobenzene	ND		34	19	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2-Nitrophenol	ND		340	34	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
4-Nitrophenol	ND		690	56	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2,2'-oxybis[1-chloropropane]	ND		340	6.2	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1

Client Sample ID: SSHS-IRM5A2-SCV74-1-2 Lab Sample ID: 180-147751-16

Date Collected: 11/10/22 14:40 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		280	70	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Phenanthrene	ND		340	6.0	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Phenol	ND		340	13	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
Pyrene	ND		340	8.5	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
1,2,4,5-Tetrachlorobenzene	ND		340	11	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2,3,4,6-Tetrachlorophenol	ND		340	23	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1
2,4,6-Trichlorophenol	ND		140	44	ug/Kg	☼	11/15/22 22:13	11/17/22 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*22 - 122*	*11/15/22 22:13*	*11/17/22 15:17*	*1*
2-Fluorophenol (Surr)	*71*		*18 - 123*	*11/15/22 22:13*	*11/17/22 15:17*	*1*
Nitrobenzene-d5 (Surr)	*74*		*16 - 125*	*11/15/22 22:13*	*11/17/22 15:17*	*1*
Phenol-d5 (Surr)	*77*		*23 - 120*	*11/15/22 22:13*	*11/17/22 15:17*	*1*
Terphenyl-d14 (Surr)	*106*		*25 - 126*	*11/15/22 22:13*	*11/17/22 15:17*	*1*
2,4,6-Tribromophenol (Surr)	*106*		*10 - 123*	*11/15/22 22:13*	*11/17/22 15:17*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.5	ug/Kg	☼	11/14/22 10:35	11/24/22 07:45	1
PCB-1221	ND		17	5.9	ug/Kg	☼	11/14/22 10:35	11/24/22 07:45	1
PCB-1232	ND		17	4.1	ug/Kg	☼	11/14/22 10:35	11/24/22 07:45	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/14/22 10:35	11/24/22 07:45	1
PCB-1248	**76**		17	4.0	ug/Kg	☼	11/14/22 10:35	11/24/22 07:45	1
PCB-1254	**73**		17	5.0	ug/Kg	☼	11/14/22 10:35	11/24/22 07:45	1
PCB-1260	**32**		17	4.8	ug/Kg	☼	11/14/22 10:35	11/24/22 07:45	1
PCB-1262	ND		17	5.9	ug/Kg	☼	11/14/22 10:35	11/24/22 07:45	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:35	11/24/22 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*	*11/14/22 10:35*	*11/24/22 07:45*	*1*
DCB Decachlorobiphenyl (Surr)	*95*		*63 - 138*	*11/14/22 10:35*	*11/24/22 07:45*	*1*
Tetrachloro-m-xylene (Surr)	*103*		*55 - 135*	*11/14/22 10:35*	*11/24/22 07:45*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*55 - 135*	*11/14/22 10:35*	*11/24/22 07:45*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7900**		17	4.6	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Antimony	**0.67**	**J**	1.7	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Arsenic	**6.2**		1.3	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Barium	**63**		17	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Beryllium	**0.33**	**J**	0.43	0.047	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Cadmium	**0.37**	**J**	0.43	0.042	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Calcium	**4500**		430	32	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Chromium	**9.3**		0.87	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Cobalt	**5.7**		0.87	0.17	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Copper	**20**		2.2	0.21	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Iron	**15000**		17	6.0	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Lead	**29**		0.87	0.25	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Magnesium	**2600**		430	40	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1

Client Sample ID: SSHS-IRM5A2-SCV74-1-2 — Lab Sample ID: 180-147751-16

Date Collected: 11/10/22 14:40 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 96.6**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	330		1.3	0.97	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Nickel	15		3.5	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Potassium	910		430	69	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Selenium	0.59	J	1.7	0.41	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Silver	ND		0.87	0.070	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Sodium	58	J	430	55	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Thallium	ND		1.7	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Vanadium	12		4.3	0.71	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Zinc	240		4.3	1.2	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058	J	0.10	0.018	mg/Kg	☼	11/14/22 15:00	11/15/22 15:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.3		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	96.7		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV66-0-0.17 — Lab Sample ID: 180-147751-17

Date Collected: 11/10/22 14:45 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 91.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4.9	4.7	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Benzene	ND		0.82	0.21	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Bromoform	ND		0.82	0.35	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Bromomethane	ND		1.6	0.82	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
2-Butanone (MEK)	ND		4.1	0.30	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Carbon disulfide	ND		0.82	0.22	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Carbon tetrachloride	ND		0.82	0.32	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Chlorobenzene	ND		0.82	0.14	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Chlorobromomethane	ND		0.82	0.23	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Chlorodibromomethane	ND		0.82	0.16	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Chloroethane	ND		0.82	0.43	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Chloroform	ND		0.82	0.79	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Chloromethane	ND		0.82	0.35	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
cis-1,2-Dichloroethene	ND		0.82	0.29	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
cis-1,3-Dichloropropene	ND		0.82	0.22	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Cyclohexane	ND		0.82	0.18	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,2-Dibromo-3-Chloropropane	ND		0.82	0.38	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,2-Dibromoethane	ND		0.82	0.15	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,2-Dichlorobenzene	ND		0.82	0.29	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,3-Dichlorobenzene	ND		0.82	0.30	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,4-Dichlorobenzene	ND		0.82	0.18	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Dichlorobromomethane	ND		0.82	0.21	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Dichlorodifluoromethane	ND		0.82	0.28	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,1-Dichloroethane	ND		0.82	0.17	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,2-Dichloroethane	ND		0.82	0.24	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1

Client Sample ID: SSHS-IRM5A2-SCV66-0-0.17 **Lab Sample ID: 180-147751-17**
Date Collected: 11/10/22 14:45 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.82	0.18	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,2-Dichloroethene, Total	ND		1.6	0.31	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,2-Dichloropropane	ND		0.82	0.35	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,4-Dioxane	ND		82	7.5	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Ethylbenzene	ND		0.82	0.16	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
2-Hexanone	ND		4.1	1.4	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Isopropylbenzene	ND		0.82	0.23	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Methyl acetate	ND		4.1	3.5	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Methylcyclohexane	ND		0.82	0.41	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Methylene Chloride	ND	*-	1.6	0.93	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
4-Methyl-2-pentanone (MIBK)	ND		4.1	1.3	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Methyl tert-butyl ether	ND		0.82	0.42	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
m-Xylene & p-Xylene	ND		0.82	0.14	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
o-Xylene	ND		0.82	0.16	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Styrene	ND		0.82	0.23	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,1,2,2-Tetrachloroethane	ND		0.82	0.17	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Tetrachloroethene	ND		0.82	0.25	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Toluene	**0.65**	**J**	0.82	0.19	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
trans-1,2-Dichloroethene	ND		0.82	0.20	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
trans-1,3-Dichloropropene	ND		0.82	0.22	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,2,3-Trichlorobenzene	ND		0.82	0.15	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,2,4-Trichlorobenzene	ND		0.82	0.29	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,1,1-Trichloroethane	ND		0.82	0.19	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,1,2-Trichloroethane	ND		0.82	0.15	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Trichloroethene	ND		0.82	0.26	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Trichlorofluoromethane	ND		0.82	0.33	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.82	0.25	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Vinyl chloride	ND		0.82	0.45	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1
Xylenes, Total	ND		1.6	0.14	ug/Kg	☼	11/12/22 09:30	11/17/22 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*	*11/12/22 09:30*	*11/17/22 01:22*	*1*
Dibromofluoromethane (Surr)	*119*		*73 - 139*	*11/12/22 09:30*	*11/17/22 01:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*139*		*72 - 145*	*11/12/22 09:30*	*11/17/22 01:22*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/12/22 09:30*	*11/17/22 01:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Acetophenone	ND		360	18	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Anthracene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Atrazine	ND		150	21	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Benzaldehyde	ND		360	60	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Benzo[a]anthracene	**35**	**J**	36	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Benzo[a]pyrene	**35**	**J *-**	36	9.6	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Benzo[b]fluoranthene	**51**		36	9.4	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Benzo[g,h,i]perylene	**22**	**J**	360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Benzo[k]fluoranthene	**22**	**J**	36	7.1	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV66-0-0.17 **Lab Sample ID: 180-147751-17**
Date Collected: 11/10/22 14:45 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
4-Bromophenyl phenyl ether	ND	*-	360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Caprolactam	ND	*+	360	56	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
4-Chloroaniline	ND		360	64	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Chrysene	**41**	**J**	360	6.1	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Dimethyl phthalate	ND		360	82	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2,4-Dinitrotoluene	ND		73	39	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2,6-Dinitrotoluene	ND		73	26	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
1,4-Dioxane	ND		36	32	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Fluoranthene	**65**	**J**	360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Fluorene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Hexachlorobenzene	ND	*-	36	17	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Hexachlorobutadiene	ND		73	7.7	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Hexachloroethane	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Indeno[1,2,3-cd]pyrene	**29**	**J**	36	14	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Isophorone	ND		150	100	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2-Methylphenol	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Naphthalene	ND		360	6.3	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2-Nitroaniline	ND		360	28	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
3-Nitroaniline	ND		360	86	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
4-Nitroaniline	ND		360	42	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
4-Nitrophenol	ND		730	59	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2,2'-oxybis[1-chloropropane]	ND		360	6.6	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Pentachlorophenol	ND		290	74	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1

Client Sample ID: SSHS-IRM5A2-SCV66-0-0.17 **Lab Sample ID: 180-147751-17**
Date Collected: 11/10/22 14:45 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**26**	**J**	360	6.4	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Phenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
Pyrene	**54**	**J**	360	9.0	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2,3,4,6-Tetrachlorophenol	ND		360	25	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1
2,4,6-Trichlorophenol	ND		150	46	ug/Kg	☼	11/15/22 22:13	11/17/22 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*22 - 122*	*11/15/22 22:13*	*11/17/22 16:01*	*1*
2-Fluorophenol (Surr)	*62*		*18 - 123*	*11/15/22 22:13*	*11/17/22 16:01*	*1*
Nitrobenzene-d5 (Surr)	*67*		*16 - 125*	*11/15/22 22:13*	*11/17/22 16:01*	*1*
Phenol-d5 (Surr)	*70*		*23 - 120*	*11/15/22 22:13*	*11/17/22 16:01*	*1*
Terphenyl-d14 (Surr)	*102*		*25 - 126*	*11/15/22 22:13*	*11/17/22 16:01*	*1*
2,4,6-Tribromophenol (Surr)	*113*		*10 - 123*	*11/15/22 22:13*	*11/17/22 16:01*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	11/14/22 10:35	11/24/22 08:03	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/14/22 10:35	11/24/22 08:03	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/14/22 10:35	11/24/22 08:03	1
PCB-1242	ND		18	2.7	ug/Kg	☼	11/14/22 10:35	11/24/22 08:03	1
PCB-1248	ND		18	4.4	ug/Kg	☼	11/14/22 10:35	11/24/22 08:03	1
PCB-1254	ND		18	5.4	ug/Kg	☼	11/14/22 10:35	11/24/22 08:03	1
PCB-1260	ND		18	5.2	ug/Kg	☼	11/14/22 10:35	11/24/22 08:03	1
PCB-1262	ND		18	6.4	ug/Kg	☼	11/14/22 10:35	11/24/22 08:03	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:35	11/24/22 08:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*	*11/14/22 10:35*	*11/24/22 08:03*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*11/14/22 10:35*	*11/24/22 08:03*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*11/14/22 10:35*	*11/24/22 08:03*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*11/14/22 10:35*	*11/24/22 08:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7900**		15	4.1	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Antimony	**0.34**	**J**	1.5	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Arsenic	**5.8**		1.2	0.24	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Barium	**84**		15	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Beryllium	**0.38**		0.38	0.041	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Cadmium	**0.24**	**J**	0.38	0.037	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Calcium	**6400**		380	28	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Chromium	**10**		0.77	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Cobalt	**7.6**		0.77	0.15	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Copper	**15**		1.9	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Iron	**15000**		15	5.3	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Lead	**24**		0.77	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Magnesium	**3300**		380	35	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Manganese	**440**		1.2	0.85	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1

Client Sample ID: SSHS-IRM5A2-SCV66-0-0.17 Lab Sample ID: 180-147751-17

Date Collected: 11/10/22 14:45 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.2**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	17		3.1	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Potassium	1300		380	61	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Selenium	ND		1.5	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Silver	ND		0.77	0.062	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Sodium	57	J	380	48	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Thallium	ND		1.5	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Vanadium	11		3.8	0.63	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1
Zinc	190		3.8	1.0	mg/Kg	☼	11/14/22 15:00	11/15/22 12:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043	J	0.11	0.020	mg/Kg	☼	11/14/22 15:00	11/15/22 15:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.8		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	91.2		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV66-0.17-1 Lab Sample ID: 180-147751-18

Date Collected: 11/10/22 14:50 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 93.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.9		4.2	4.0	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Benzene	ND		0.70	0.18	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Bromoform	ND		0.70	0.30	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Bromomethane	ND		1.4	0.70	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
2-Butanone (MEK)	ND		3.5	0.26	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Carbon disulfide	ND		0.70	0.18	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Carbon tetrachloride	ND		0.70	0.27	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Chlorobenzene	ND		0.70	0.12	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Chlorobromomethane	ND		0.70	0.20	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Chlorodibromomethane	ND		0.70	0.13	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Chloroethane	ND		0.70	0.36	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Chloroform	ND		0.70	0.67	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Chloromethane	ND		0.70	0.30	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
cis-1,2-Dichloroethene	ND		0.70	0.25	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
cis-1,3-Dichloropropene	ND		0.70	0.19	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Cyclohexane	ND		0.70	0.15	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,2-Dibromo-3-Chloropropane	ND		0.70	0.32	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,2-Dibromoethane	ND		0.70	0.13	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,2-Dichlorobenzene	ND		0.70	0.25	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,3-Dichlorobenzene	ND		0.70	0.25	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,4-Dichlorobenzene	ND		0.70	0.16	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Dichlorobromomethane	ND		0.70	0.18	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Dichlorodifluoromethane	ND		0.70	0.23	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,1-Dichloroethane	ND		0.70	0.14	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,2-Dichloroethane	ND		0.70	0.21	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,1-Dichloroethene	ND		0.70	0.16	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV66-0.17-1 **Lab Sample ID: 180-147751-18**
Date Collected: 11/10/22 14:50 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 93.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		1.4	0.27	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,2-Dichloropropane	ND		0.70	0.29	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,4-Dioxane	ND		70	6.4	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Ethylbenzene	ND		0.70	0.14	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
2-Hexanone	ND		3.5	1.2	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Isopropylbenzene	ND		0.70	0.20	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Methyl acetate	ND		3.5	3.0	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Methylcyclohexane	ND		0.70	0.35	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Methylene Chloride	ND	*-	1.4	0.80	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
4-Methyl-2-pentanone (MIBK)	ND		3.5	1.1	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Methyl tert-butyl ether	ND		0.70	0.36	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
m-Xylene & p-Xylene	ND		0.70	0.12	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
o-Xylene	ND		0.70	0.13	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Styrene	ND		0.70	0.19	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,1,2,2-Tetrachloroethane	ND		0.70	0.15	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Tetrachloroethene	ND		0.70	0.21	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Toluene	ND		0.70	0.16	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
trans-1,2-Dichloroethene	ND		0.70	0.17	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
trans-1,3-Dichloropropene	ND		0.70	0.18	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,2,3-Trichlorobenzene	ND		0.70	0.13	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,2,4-Trichlorobenzene	ND		0.70	0.25	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,1,1-Trichloroethane	ND		0.70	0.16	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,1,2-Trichloroethane	ND		0.70	0.12	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Trichloroethene	ND		0.70	0.22	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Trichlorofluoromethane	ND		0.70	0.28	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.70	0.21	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Vinyl chloride	ND		0.70	0.38	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1
Xylenes, Total	ND		1.4	0.12	ug/Kg	☼	11/12/22 09:31	11/17/22 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*75 - 139*	*11/12/22 09:31*	*11/17/22 01:45*	*1*
Dibromofluoromethane (Surr)	*110*		*73 - 139*	*11/12/22 09:31*	*11/17/22 01:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*144*		*72 - 145*	*11/12/22 09:31*	*11/17/22 01:45*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/12/22 09:31*	*11/17/22 01:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Acenaphthylene	ND		350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Acetophenone	ND		350	17	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Anthracene	ND		350	11	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Benzaldehyde	ND		350	58	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Benzo[a]anthracene	ND		35	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Benzo[a]pyrene	ND	*-	35	9.4	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Benzo[b]fluoranthene	ND		35	9.2	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Benzo[g,h,i]perylene	ND		350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Benzo[k]fluoranthene	ND		35	6.9	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Bis(2-chloroethoxy)methane	ND		350	28	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV66-0.17-1 **Lab Sample ID: 180-147751-18**
Date Collected: 11/10/22 14:50 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 93.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Bis(2-ethylhexyl) phthalate	ND		350	19	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
4-Bromophenyl phenyl ether	ND	*-	350	14	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Butyl benzyl phthalate	ND		350	17	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Caprolactam	ND	*+	350	55	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Carbazole	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
4-Chloroaniline	ND		350	63	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2-Chlorophenol	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Chrysene	ND		350	6.0	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Dibenzofuran	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
3,3'-Dichlorobenzidine	ND		140	53	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2,4-Dimethylphenol	ND		350	42	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Dimethyl phthalate	ND		350	80	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Di-n-butyl phthalate	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Di-n-octyl phthalate	ND		350	19	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
1,4-Dioxane	ND		35	31	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Fluoranthene	ND		350	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Fluorene	ND		350	10	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Hexachlorobenzene	ND	*-	35	17	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Hexachlorobutadiene	ND		72	7.5	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Hexachlorocyclopentadiene	ND		350	31	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Indeno[1,2,3-cd]pyrene	ND		35	14	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2-Methylnaphthalene	ND		350	9.9	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Naphthalene	ND		350	6.1	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
3-Nitroaniline	ND		350	84	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
4-Nitroaniline	ND		350	41	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Nitrobenzene	ND		35	20	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
N-Nitrosodi-n-propylamine	ND		35	26	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2,2'-oxybis[1-chloropropane]	ND		350	6.4	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Pentachlorophenol	ND		280	73	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Phenanthrene	ND		350	6.2	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1

Client Sample ID: SSHS-IRM5A2-SCV66-0.17-1 **Lab Sample ID: 180-147751-18**
Date Collected: 11/10/22 14:50 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 93.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		350	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
Pyrene	ND		350	8.8	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2,3,4,6-Tetrachlorophenol	ND		350	24	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	11/15/22 22:13	11/17/22 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*89*		*22 - 122*	*11/15/22 22:13*	*11/17/22 16:23*	*1*
2-Fluorophenol (Surr)	*62*		*18 - 123*	*11/15/22 22:13*	*11/17/22 16:23*	*1*
Nitrobenzene-d5 (Surr)	*73*		*16 - 125*	*11/15/22 22:13*	*11/17/22 16:23*	*1*
Phenol-d5 (Surr)	*74*		*23 - 120*	*11/15/22 22:13*	*11/17/22 16:23*	*1*
Terphenyl-d14 (Surr)	*110*		*25 - 126*	*11/15/22 22:13*	*11/17/22 16:23*	*1*
2,4,6-Tribromophenol (Surr)	*112*		*10 - 123*	*11/15/22 22:13*	*11/17/22 16:23*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.7	ug/Kg	☼	11/14/22 10:35	11/24/22 08:22	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/14/22 10:35	11/24/22 08:22	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 08:22	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:35	11/24/22 08:22	1
PCB-1248	ND		18	4.2	ug/Kg	☼	11/14/22 10:35	11/24/22 08:22	1
PCB-1254	ND		18	5.3	ug/Kg	☼	11/14/22 10:35	11/24/22 08:22	1
PCB-1260	ND		18	5.0	ug/Kg	☼	11/14/22 10:35	11/24/22 08:22	1
PCB-1262	ND		18	6.2	ug/Kg	☼	11/14/22 10:35	11/24/22 08:22	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:35	11/24/22 08:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*87*		*63 - 138*	*11/14/22 10:35*	*11/24/22 08:22*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*11/14/22 10:35*	*11/24/22 08:22*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*55 - 135*	*11/14/22 10:35*	*11/24/22 08:22*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*11/14/22 10:35*	*11/24/22 08:22*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5300**		18	4.9	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Antimony	ND		1.8	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Arsenic	**4.6**		1.4	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Barium	**83**		18	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Beryllium	**0.32**	**J**	0.46	0.050	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Cadmium	**0.15**	**J**	0.46	0.044	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Calcium	**24000**		460	33	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Chromium	**7.5**		0.92	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Cobalt	**7.3**		0.92	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Copper	**18**		2.3	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Iron	**15000**		18	6.4	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Lead	**11**		0.92	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Magnesium	**5800**		460	42	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Manganese	**470**		1.4	1.0	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Nickel	**13**		3.7	0.21	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1

Client Sample ID: SSHS-IRM5A2-SCV66-0.17-1 Lab Sample ID: 180-147751-18

Date Collected: 11/10/22 14:50 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 93.1**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	690		460	73	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Selenium	ND		1.8	0.43	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Silver	ND		0.92	0.074	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Sodium	71	J	460	58	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Thallium	ND		1.8	0.37	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Vanadium	16		4.6	0.75	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1
Zinc	89		4.6	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 13:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031	J	0.10	0.018	mg/Kg	☼	11/14/22 15:00	11/15/22 14:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.9		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	93.1		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV66-1-2 Lab Sample ID: 180-147751-19

Date Collected: 11/10/22 14:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		3.4	3.2	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Benzene	ND		0.57	0.15	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Bromoform	ND		0.57	0.24	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Bromomethane	ND		1.1	0.57	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
2-Butanone (MEK)	ND		2.8	0.21	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Carbon disulfide	ND		0.57	0.15	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Carbon tetrachloride	ND		0.57	0.22	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Chlorobenzene	ND		0.57	0.10	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Chlorobromomethane	ND		0.57	0.16	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Chlorodibromomethane	ND		0.57	0.11	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Chloroethane	ND		0.57	0.30	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Chloroform	ND		0.57	0.55	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Chloromethane	ND		0.57	0.25	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
cis-1,2-Dichloroethene	ND		0.57	0.20	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
cis-1,3-Dichloropropene	ND		0.57	0.15	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Cyclohexane	ND		0.57	0.13	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,2-Dibromo-3-Chloropropane	ND		0.57	0.26	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,2-Dibromoethane	ND		0.57	0.10	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,2-Dichlorobenzene	ND		0.57	0.20	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,3-Dichlorobenzene	ND		0.57	0.21	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,4-Dichlorobenzene	ND		0.57	0.13	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Dichlorobromomethane	ND		0.57	0.15	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Dichlorodifluoromethane	ND		0.57	0.19	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,1-Dichloroethane	ND		0.57	0.12	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,2-Dichloroethane	ND		0.57	0.17	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,1-Dichloroethene	ND		0.57	0.13	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,2-Dichloroethene, Total	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1

Client Sample ID: SSHS-IRM5A2-SCV66-1-2 **Lab Sample ID: 180-147751-19**
Date Collected: 11/10/22 14:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.57	0.24	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,4-Dioxane	ND		57	5.2	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Ethylbenzene	ND		0.57	0.11	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
2-Hexanone	ND		2.8	0.97	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Isopropylbenzene	ND		0.57	0.16	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Methyl acetate	ND		2.8	2.4	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Methylcyclohexane	ND		0.57	0.28	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Methylene Chloride	ND	*-	1.1	0.65	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
4-Methyl-2-pentanone (MIBK)	ND		2.8	0.88	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Methyl tert-butyl ether	ND		0.57	0.29	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
m-Xylene & p-Xylene	ND		0.57	0.099	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
o-Xylene	ND		0.57	0.11	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Styrene	ND		0.57	0.16	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,1,2,2-Tetrachloroethane	ND		0.57	0.12	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Tetrachloroethene	ND		0.57	0.17	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Toluene	ND		0.57	0.13	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
trans-1,2-Dichloroethene	ND		0.57	0.14	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
trans-1,3-Dichloropropene	ND		0.57	0.15	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,2,3-Trichlorobenzene	ND		0.57	0.10	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,2,4-Trichlorobenzene	ND		0.57	0.20	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,1,1-Trichloroethane	ND		0.57	0.13	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,1,2-Trichloroethane	ND		0.57	0.10	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Trichloroethene	ND		0.57	0.18	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Trichlorofluoromethane	ND		0.57	0.23	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.57	0.17	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Vinyl chloride	ND		0.57	0.31	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1
Xylenes, Total	ND		1.1	0.099	ug/Kg	☼	11/12/22 09:31	11/17/22 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*	*11/12/22 09:31*	*11/17/22 02:07*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*	*11/12/22 09:31*	*11/17/22 02:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*146*	*S1+*	*72 - 145*	*11/12/22 09:31*	*11/17/22 02:07*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/12/22 09:31*	*11/17/22 02:07*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Acetophenone	ND		360	18	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Anthracene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Benzaldehyde	ND		360	59	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Benzo[a]anthracene	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Benzo[a]pyrene	ND	*-	36	9.5	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Benzo[b]fluoranthene	ND		36	9.2	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Benzo[g,h,i]perylene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Benzo[k]fluoranthene	ND		36	7.0	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
1,1'-Biphenyl	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Bis(2-chloroethyl)ether	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV66-1-2 **Lab Sample ID: 180-147751-19**
Date Collected: 11/10/22 14:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
4-Bromophenyl phenyl ether	ND	*-	360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Caprolactam	ND	*+	360	56	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
4-Chloroaniline	ND		360	63	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Chrysene	ND		360	6.0	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Dibenz(a,h)anthracene	ND		36	15	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Diethyl phthalate	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Dimethyl phthalate	ND		360	81	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Di-n-butyl phthalate	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
1,4-Dioxane	ND		36	31	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Fluoranthene	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Fluorene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Hexachlorobenzene	ND	*-	36	17	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Hexachlorobutadiene	ND		72	7.6	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Hexachlorocyclopentadiene	ND		360	31	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Hexachloroethane	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Indeno[1,2,3-cd]pyrene	ND		36	14	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2-Methylphenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Methylphenol, 3 & 4	ND		360	22	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Naphthalene	ND		360	6.2	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
3-Nitroaniline	ND		360	85	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
4-Nitroaniline	ND		360	41	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
N-Nitrosodiphenylamine	ND		360	29	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2,2'-oxybis[1-chloropropane]	ND		360	6.5	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Pentachlorophenol	ND		290	73	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Phenanthrene	ND		360	6.3	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
Phenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1

Client Sample ID: SSHS-IRM5A2-SCV66-1-2 Lab Sample ID: 180-147751-19

Date Collected: 11/10/22 14:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		360	8.9	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2,3,4,6-Tetrachlorophenol	ND		360	24	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2,4,5-Trichlorophenol	ND		360	36	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/15/22 22:13	11/17/22 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*93*		*22 - 122*	*11/15/22 22:13*	*11/17/22 16:45*	*1*
2-Fluorophenol (Surr)	*69*		*18 - 123*	*11/15/22 22:13*	*11/17/22 16:45*	*1*
Nitrobenzene-d5 (Surr)	*77*		*16 - 125*	*11/15/22 22:13*	*11/17/22 16:45*	*1*
Phenol-d5 (Surr)	*78*		*23 - 120*	*11/15/22 22:13*	*11/17/22 16:45*	*1*
Terphenyl-d14 (Surr)	*109*		*25 - 126*	*11/15/22 22:13*	*11/17/22 16:45*	*1*
2,4,6-Tribromophenol (Surr)	*108*		*10 - 123*	*11/15/22 22:13*	*11/17/22 16:45*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.7	ug/Kg	☼	11/14/22 10:35	11/24/22 08:41	1
PCB-1221	ND		18	6.2	ug/Kg	☼	11/14/22 10:35	11/24/22 08:41	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 08:41	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:35	11/24/22 08:41	1
PCB-1248	ND		18	4.2	ug/Kg	☼	11/14/22 10:35	11/24/22 08:41	1
PCB-1254	ND		18	5.3	ug/Kg	☼	11/14/22 10:35	11/24/22 08:41	1
PCB-1260	ND		18	5.0	ug/Kg	☼	11/14/22 10:35	11/24/22 08:41	1
PCB-1262	ND		18	6.2	ug/Kg	☼	11/14/22 10:35	11/24/22 08:41	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:35	11/24/22 08:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/14/22 10:35*	*11/24/22 08:41*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*	*11/14/22 10:35*	*11/24/22 08:41*	*1*
Tetrachloro-m-xylene (Surr)	*71*		*55 - 135*	*11/14/22 10:35*	*11/24/22 08:41*	*1*
Tetrachloro-m-xylene (Surr)	*68*		*55 - 135*	*11/14/22 10:35*	*11/24/22 08:41*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7800**		18	4.9	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Antimony	**0.72**	**J**	1.8	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Arsenic	**6.2**		1.4	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Barium	**80**		18	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Beryllium	**0.35**	**J**	0.46	0.049	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Cadmium	**0.21**	**J**	0.46	0.044	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Calcium	**12000**		460	33	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Chromium	**9.7**		0.92	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Cobalt	**7.4**		0.92	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Copper	**16**		2.3	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Iron	**15000**		18	6.4	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Lead	**20**		0.92	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Magnesium	**4100**		460	42	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Manganese	**470**		1.4	1.0	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Nickel	**17**		3.7	0.21	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Potassium	**1200**		460	73	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1

Client Sample ID: SSHS-IRM5A2-SCV66-1-2 Lab Sample ID: 180-147751-19

Date Collected: 11/10/22 14:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.5**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		1.8	0.43	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Silver	ND		0.92	0.074	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Sodium	**64**	**J**	460	58	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Thallium	ND		1.8	0.37	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Vanadium	**12**		4.6	0.75	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1
Zinc	**140**		4.6	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 12:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.053**	**J**	0.098	0.018	mg/Kg	☼	11/14/22 15:00	11/15/22 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**7.5**		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	**92.5**		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17 Lab Sample ID: 180-147751-20

Date Collected: 11/10/22 15:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F1	4.8	4.5	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Benzene	ND	F1	0.79	0.20	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Bromoform	ND	F1	0.79	0.34	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Bromomethane	ND	*+	1.6	0.79	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
2-Butanone (MEK)	ND		4.0	0.29	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Carbon disulfide	ND	F1	0.79	0.21	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Carbon tetrachloride	ND		0.79	0.31	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Chlorobenzene	ND	F1	0.79	0.14	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Chlorobromomethane	ND	F1	0.79	0.22	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Chlorodibromomethane	ND	F1	0.79	0.15	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Chloroethane	ND	F1	0.79	0.41	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Chloroform	ND	F1	0.79	0.77	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Chloromethane	ND	F1	0.79	0.34	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
cis-1,2-Dichloroethene	ND	F1	0.79	0.28	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
cis-1,3-Dichloropropene	ND	F1	0.79	0.22	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Cyclohexane	ND	F1	0.79	0.18	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,2-Dibromo-3-Chloropropane	ND	F1	0.79	0.36	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,2-Dibromoethane	ND	F1	0.79	0.14	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,2-Dichlorobenzene	ND	F1	0.79	0.29	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,3-Dichlorobenzene	ND	F1	0.79	0.29	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,4-Dichlorobenzene	ND	F1	0.79	0.18	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Dichlorobromomethane	ND	F1	0.79	0.20	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Dichlorodifluoromethane	ND		0.79	0.27	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,1-Dichloroethane	ND	F1	0.79	0.16	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,2-Dichloroethane	ND		0.79	0.23	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,1-Dichloroethene	ND	F1	0.79	0.18	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,2-Dichloroethene, Total	ND	F1	1.6	0.30	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,2-Dichloropropane	ND	F1	0.79	0.34	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1

Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17 **Lab Sample ID: 180-147751-20**
Date Collected: 11/10/22 15:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND	*3 F1	79	7.3	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Ethylbenzene	ND	F1	0.79	0.16	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
2-Hexanone	ND	F1	4.0	1.4	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Isopropylbenzene	ND	F1	0.79	0.23	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Methyl acetate	ND		4.0	3.4	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Methylcyclohexane	ND	F1	0.79	0.40	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Methylene Chloride	ND	F1	1.6	0.91	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
4-Methyl-2-pentanone (MIBK)	ND	*+	4.0	1.2	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Methyl tert-butyl ether	ND	F1 *-	0.79	0.41	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
m-Xylene & p-Xylene	**0.19**	**J F1**	0.79	0.14	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
o-Xylene	ND	F1	0.79	0.15	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Styrene	ND	F1	0.79	0.22	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,1,2,2-Tetrachloroethane	ND	F1	0.79	0.17	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Tetrachloroethene	ND	F1	0.79	0.24	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Toluene	ND	F1	0.79	0.19	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
trans-1,2-Dichloroethene	ND	F1	0.79	0.20	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
trans-1,3-Dichloropropene	ND	F1	0.79	0.21	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,2,3-Trichlorobenzene	ND	F1	0.79	0.14	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,2,4-Trichlorobenzene	ND	F1	0.79	0.28	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,1,1-Trichloroethane	ND		0.79	0.18	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,1,2-Trichloroethane	ND	F1	0.79	0.14	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Trichloroethene	ND	F1	0.79	0.25	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Trichlorofluoromethane	ND	*+	0.79	0.32	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	0.79	0.24	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Vinyl chloride	ND	F1	0.79	0.43	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1
Xylenes, Total	**0.19**	**J F1**	1.6	0.14	ug/Kg	☼	11/12/22 09:31	11/15/22 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*75 - 139*	*11/12/22 09:31*	*11/15/22 11:01*	*1*
Dibromofluoromethane (Surr)	*104*		*73 - 139*	*11/12/22 09:31*	*11/15/22 11:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*72 - 145*	*11/12/22 09:31*	*11/15/22 11:01*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/12/22 09:31*	*11/15/22 11:01*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Acetophenone	ND		360	18	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Anthracene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Benzaldehyde	ND		360	59	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Benzo[a]anthracene	**36**		36	13	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Benzo[a]pyrene	**34**	**J F1 *-**	36	9.6	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Benzo[b]fluoranthene	**60**		36	9.3	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Benzo[g,h,i]perylene	**21**	**J F1**	360	11	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Benzo[k]fluoranthene	**20**	**J**	36	7.0	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
1,1'-Biphenyl	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Bis(2-chloroethyl)ether	ND		36	12	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Bis(2-ethylhexyl) phthalate	**320**	**J**	360	19	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1

Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17 **Lab Sample ID: 180-147751-20**
Date Collected: 11/10/22 15:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND	F1 *-	360	14	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Caprolactam	ND	*+	360	56	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
4-Chloroaniline	ND		360	64	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2-Chlorophenol	ND	F1	360	13	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Chrysene	**44**	**J**	360	6.1	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Dibenz(a,h)anthracene	ND	F1	36	16	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2,4-Dimethylphenol	ND	F1	360	43	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Dimethyl phthalate	ND		360	81	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2,4-Dinitrotoluene	ND		73	39	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2,6-Dinitrotoluene	ND		73	26	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
1,4-Dioxane	ND		36	31	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Fluoranthene	**69**	**J**	360	13	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Fluorene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Hexachlorobenzene	ND	F1 *-	36	17	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Hexachlorobutadiene	ND	F1	73	7.6	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Hexachlorocyclopentadiene	ND	F1	360	31	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Hexachloroethane	ND	F1	36	12	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Indeno[1,2,3-cd]pyrene	**25**	**J F1**	36	14	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Isophorone	ND	F1	140	100	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2-Methylphenol	ND		360	13	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Methylphenol, 3 & 4	ND		360	22	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Naphthalene	**6.3**	**J**	360	6.2	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
3-Nitroaniline	ND		360	85	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
4-Nitroaniline	ND		360	41	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2-Nitrophenol	ND	F1	360	36	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
4-Nitrophenol	ND		730	58	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
N-Nitrosodiphenylamine	ND		360	29	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2,2'-oxybis[1-chloropropane]	ND		360	6.5	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Pentachlorophenol	ND		290	73	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Phenanthrene	**31**	**J**	360	6.3	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Phenol	ND	F1	360	13	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
Pyrene	**51**	**J**	360	8.9	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1

Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17 Lab Sample ID: 180-147751-20

Date Collected: 11/10/22 15:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2,3,4,6-Tetrachlorophenol	ND		360	24	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/15/22 22:13	11/16/22 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*22 - 122*	*11/15/22 22:13*	*11/16/22 22:04*	*1*
2-Fluorophenol (Surr)	*52*		*18 - 123*	*11/15/22 22:13*	*11/16/22 22:04*	*1*
Nitrobenzene-d5 (Surr)	*60*		*16 - 125*	*11/15/22 22:13*	*11/16/22 22:04*	*1*
Phenol-d5 (Surr)	*68*		*23 - 120*	*11/15/22 22:13*	*11/16/22 22:04*	*1*
Terphenyl-d14 (Surr)	*67*		*25 - 126*	*11/15/22 22:13*	*11/16/22 22:04*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 123*	*11/15/22 22:13*	*11/16/22 22:04*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/14/22 10:35	11/24/22 01:32	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/14/22 10:35	11/24/22 01:32	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/14/22 10:35	11/24/22 01:32	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:35	11/24/22 01:32	1
PCB-1248	ND		18	4.3	ug/Kg	☼	11/14/22 10:35	11/24/22 01:32	1
PCB-1254	ND		18	5.4	ug/Kg	☼	11/14/22 10:35	11/24/22 01:32	1
PCB-1260	ND		18	5.1	ug/Kg	☼	11/14/22 10:35	11/24/22 01:32	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/14/22 10:35	11/24/22 01:32	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:35	11/24/22 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*11/14/22 10:35*	*11/24/22 01:32*	*1*
DCB Decachlorobiphenyl (Surr)	*84*		*63 - 138*	*11/14/22 10:35*	*11/24/22 01:32*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*11/14/22 10:35*	*11/24/22 01:32*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*55 - 135*	*11/14/22 10:35*	*11/24/22 01:32*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8100**		19	5.1	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Antimony	**0.78**	**J F1**	1.9	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Arsenic	**8.6**		1.4	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Barium	**110**		19	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Beryllium	**0.45**	**J**	0.48	0.051	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Cadmium	**0.42**	**J**	0.48	0.046	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Calcium	**3000**		480	35	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Chromium	**11**		0.95	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Cobalt	**7.6**		0.95	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Copper	**22**		2.4	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Iron	**15000**		19	6.6	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Lead	**84**	**F1**	0.95	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Magnesium	**2100**		480	44	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Manganese	**460**		1.4	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Nickel	**18**		3.8	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Potassium	**1200**		480	75	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Selenium	**0.75**	**J**	1.9	0.45	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147751-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17 **Lab Sample ID: 180-147751-20**
Date Collected: 11/10/22 15:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.2**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.12	J	0.95	0.077	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Sodium	74	J	480	60	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Thallium	ND		1.9	0.38	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Vanadium	13		4.8	0.78	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1
Zinc	200		4.8	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 10:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.11	0.019	mg/Kg	☼	11/14/22 15:00	11/15/22 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.8		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	92.2		1.0	1.0	%			11/11/22 21:48	1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 180-147751-20 MS
Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 877885
Prep Batch: 877522

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	F1	82.4	180	F1	ug/Kg	☼	219	63 - 131
Benzene	ND	F1	16.5	9.28	F1	ug/Kg	☼	56	80 - 123
Bromoform	ND	F1	16.5	7.93	F1	ug/Kg	☼	48	70 - 125
Bromomethane	ND	*+	16.5	15.6		ug/Kg	☼	95	64 - 150
2-Butanone (MEK)	ND		82.4	63.4		ug/Kg	☼	77	75 - 120
Carbon disulfide	ND	F1	16.5	7.83	F1	ug/Kg	☼	47	76 - 120
Carbon tetrachloride	ND		16.5	12.7		ug/Kg	☼	77	77 - 121
Chlorobenzene	ND	F1	16.5	7.84	F1	ug/Kg	☼	48	80 - 120
Chlorobromomethane	ND	F1	16.5	13.0		ug/Kg	☼	79	76 - 127
Chlorodibromomethane	ND	F1	16.5	9.75	F1	ug/Kg	☼	59	80 - 120
Chloroethane	ND	F1	16.5	10.9	F1	ug/Kg	☼	66	68 - 132
Chloroform	ND	F1	16.5	12.0	F1	ug/Kg	☼	73	79 - 126
Chloromethane	ND	F1	16.5	9.72	F1	ug/Kg	☼	59	63 - 130
cis-1,2-Dichloroethene	ND	F1	16.5	10.0	F1	ug/Kg	☼	61	80 - 123
cis-1,3-Dichloropropene	ND	F1	16.5	8.60	F1	ug/Kg	☼	52	80 - 120
Cyclohexane	ND	F1	16.5	9.41	F1	ug/Kg	☼	57	70 - 132
1,2-Dibromo-3-Chloropropane	ND	F1	16.5	7.49	F1	ug/Kg	☼	45	60 - 124
1,2-Dibromoethane	ND	F1	16.5	8.47	F1	ug/Kg	☼	51	79 - 120
1,2-Dichlorobenzene	ND	F1	16.5	4.80	F1	ug/Kg	☼	29	80 - 120
1,3-Dichlorobenzene	ND	F1	16.5	5.08	F1	ug/Kg	☼	31	80 - 120
1,4-Dichlorobenzene	ND	F1	16.5	4.75	F1	ug/Kg	☼	29	80 - 120
Dichlorobromomethane	ND	F1	16.5	11.7	F1	ug/Kg	☼	71	73 - 124
Dichlorodifluoromethane	ND		16.5	17.0		ug/Kg	☼	103	62 - 150
1,1-Dichloroethane	ND	F1	16.5	11.2	F1	ug/Kg	☼	68	77 - 129
1,2-Dichloroethane	ND		16.5	13.5		ug/Kg	☼	82	75 - 123
1,1-Dichloroethene	ND	F1	16.5	9.52	F1	ug/Kg	☼	58	70 - 132
1,2-Dichloroethene, Total	ND	F1	33.0	19.4	F1	ug/Kg	☼	59	79 - 125
1,2-Dichloropropane	ND	F1	16.5	11.4	F1	ug/Kg	☼	69	73 - 124
1,4-Dioxane	ND	*3 F1	330	572	*3 F1	ug/Kg	☼	174	80 - 136
Ethylbenzene	ND	F1	16.5	8.74	F1	ug/Kg	☼	53	76 - 120
2-Hexanone	ND	F1	82.4	54.8	F1	ug/Kg	☼	66	70 - 128
Isopropylbenzene	ND	F1	16.5	8.15	F1	ug/Kg	☼	49	80 - 120
Methyl acetate	ND		33.0	24.4		ug/Kg	☼	74	58 - 143
Methylcyclohexane	ND	F1	16.5	7.17	F1	ug/Kg	☼	44	70 - 133
Methylene Chloride	ND	F1	16.5	9.83	F1	ug/Kg	☼	60	76 - 120
4-Methyl-2-pentanone (MIBK)	ND	*+	82.4	73.8		ug/Kg	☼	90	80 - 122
Methyl tert-butyl ether	ND	F1 *-	16.5	12.1	F1	ug/Kg	☼	74	80 - 125
m-Xylene & p-Xylene	0.19	J F1	16.5	8.30	F1	ug/Kg	☼	49	80 - 120
o-Xylene	ND	F1	16.5	9.30	F1	ug/Kg	☼	56	80 - 120
Styrene	ND	F1	16.5	7.12	F1	ug/Kg	☼	43	80 - 120
1,1,2,2-Tetrachloroethane	ND	F1	16.5	9.08	F1	ug/Kg	☼	55	66 - 123
Tetrachloroethene	ND	F1	16.5	8.18	F1	ug/Kg	☼	50	78 - 123
Toluene	ND	F1	16.5	10.8	F1	ug/Kg	☼	65	80 - 120
trans-1,2-Dichloroethene	ND	F1	16.5	9.37	F1	ug/Kg	☼	57	78 - 120
trans-1,3-Dichloropropene	ND	F1	16.5	8.21	F1	ug/Kg	☼	50	80 - 120
1,2,3-Trichlorobenzene	ND	F1	16.5	2.04	F1	ug/Kg	☼	12	44 - 120
1,2,4-Trichlorobenzene	ND	F1	16.5	2.31	F1	ug/Kg	☼	14	68 - 150
1,1,1-Trichloroethane	ND		16.5	13.4		ug/Kg	☼	81	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147751-20 MS **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 877885 **Prep Batch: 877522**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	ND	F1	16.5	9.40	F1	ug/Kg	☼	57	80 - 120
Trichloroethene	ND	F1	16.5	9.39	F1	ug/Kg	☼	57	79 - 120
Trichlorofluoromethane	ND	*+	16.5	16.8		ug/Kg	☼	102	76 - 142
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	16.5	10.4	F1	ug/Kg	☼	63	75 - 141
Vinyl chloride	ND	F1	16.5	10.7	F1	ug/Kg	☼	65	72 - 131
Xylenes, Total	0.19	J F1	33.0	17.6	F1	ug/Kg	☼	53	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*75 - 139*
Dibromofluoromethane (Surr)	*105*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*121*		*72 - 145*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 180-147751-20 MSD **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 877885 **Prep Batch: 877522**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	F1	74.2	150	F1	ug/Kg	☼	202	63 - 131	18	30
Benzene	ND	F1	14.8	8.75	F1	ug/Kg	☼	59	80 - 123	6	30
Bromoform	ND	F1	14.8	7.98	F1	ug/Kg	☼	54	70 - 125	1	30
Bromomethane	ND	*+	14.8	14.8		ug/Kg	☼	100	64 - 150	5	30
2-Butanone (MEK)	ND		74.2	58.2		ug/Kg	☼	78	75 - 120	9	30
Carbon disulfide	ND	F1	14.8	7.81	F1	ug/Kg	☼	53	76 - 120	0	30
Carbon tetrachloride	ND		14.8	13.0		ug/Kg	☼	88	77 - 121	3	30
Chlorobenzene	ND	F1	14.8	7.83	F1	ug/Kg	☼	53	80 - 120	0	30
Chlorobromomethane	ND	F1	14.8	10.8	F1	ug/Kg	☼	72	76 - 127	19	30
Chlorodibromomethane	ND	F1	14.8	8.82	F1	ug/Kg	☼	59	80 - 120	10	30
Chloroethane	ND	F1	14.8	10.0	F1	ug/Kg	☼	67	68 - 132	9	30
Chloroform	ND	F1	14.8	11.7		ug/Kg	☼	79	79 - 126	2	30
Chloromethane	ND	F1	14.8	8.71	F1	ug/Kg	☼	59	63 - 130	11	30
cis-1,2-Dichloroethene	ND	F1	14.8	9.33	F1	ug/Kg	☼	63	80 - 123	7	30
cis-1,3-Dichloropropene	ND	F1	14.8	7.99	F1	ug/Kg	☼	54	80 - 120	7	30
Cyclohexane	ND	F1	14.8	9.19	F1	ug/Kg	☼	62	70 - 132	2	30
1,2-Dibromo-3-Chloropropane	ND	F1	14.8	8.83	F1	ug/Kg	☼	59	60 - 124	16	30
1,2-Dibromoethane	ND	F1	14.8	7.99	F1	ug/Kg	☼	54	79 - 120	6	30
1,2-Dichlorobenzene	ND	F1	14.8	5.44	F1	ug/Kg	☼	37	80 - 120	12	30
1,3-Dichlorobenzene	ND	F1	14.8	5.60	F1	ug/Kg	☼	38	80 - 120	10	30
1,4-Dichlorobenzene	ND	F1	14.8	5.34	F1	ug/Kg	☼	36	80 - 120	12	30
Dichlorobromomethane	ND	F1	14.8	12.0		ug/Kg	☼	81	73 - 124	3	30
Dichlorodifluoromethane	ND		14.8	15.3		ug/Kg	☼	103	62 - 150	11	30
1,1-Dichloroethane	ND	F1	14.8	10.4	F1	ug/Kg	☼	70	77 - 129	8	30
1,2-Dichloroethane	ND		14.8	13.3		ug/Kg	☼	89	75 - 123	2	30
1,1-Dichloroethene	ND	F1	14.8	9.29	F1	ug/Kg	☼	63	70 - 132	2	30
1,2-Dichloroethene, Total	ND	F1	29.7	18.3	F1	ug/Kg	☼	62	79 - 125	6	30
1,2-Dichloropropane	ND	F1	14.8	11.1		ug/Kg	☼	74	73 - 124	3	30
1,4-Dioxane	ND	*3 F1	297	645	*3 F1	ug/Kg	☼	217	80 - 136	12	30
Ethylbenzene	ND	F1	14.8	8.36	F1	ug/Kg	☼	56	76 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147751-20 MSD
Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 877885
Prep Batch: 877522

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone	ND	F1	74.2	54.2		ug/Kg	☼	73	70 - 128	1	30
Isopropylbenzene	ND	F1	14.8	7.77	F1	ug/Kg	☼	52	80 - 120	5	30
Methyl acetate	ND		29.7	27.6		ug/Kg	☼	93	58 - 143	13	30
Methylcyclohexane	ND	F1	14.8	7.31	F1	ug/Kg	☼	49	70 - 133	2	30
Methylene Chloride	ND	F1	14.8	9.03	F1	ug/Kg	☼	61	76 - 120	8	30
4-Methyl-2-pentanone (MIBK)	ND	*+	74.2	74.8		ug/Kg	☼	101	80 - 122	1	30
Methyl tert-butyl ether	ND	F1 *-	14.8	11.3	F1	ug/Kg	☼	76	80 - 125	7	30
m-Xylene & p-Xylene	0.19	J F1	14.8	8.68	F1	ug/Kg	☼	57	80 - 120	5	30
o-Xylene	ND	F1	14.8	8.13	F1	ug/Kg	☼	55	80 - 120	13	30
Styrene	ND	F1	14.8	7.10	F1	ug/Kg	☼	48	80 - 120	0	30
1,1,2,2-Tetrachloroethane	ND	F1	14.8	9.41	F1	ug/Kg	☼	63	66 - 123	4	30
Tetrachloroethene	ND	F1	14.8	8.10	F1	ug/Kg	☼	55	78 - 123	1	30
Toluene	ND	F1	14.8	9.85	F1	ug/Kg	☼	66	80 - 120	9	30
trans-1,2-Dichloroethene	ND	F1	14.8	9.01	F1	ug/Kg	☼	61	78 - 120	4	30
trans-1,3-Dichloropropene	ND	F1	14.8	7.52	F1	ug/Kg	☼	51	80 - 120	9	30
1,2,3-Trichlorobenzene	ND	F1	14.8	2.34	F1	ug/Kg	☼	16	44 - 120	13	30
1,2,4-Trichlorobenzene	ND	F1	14.8	2.56	F1	ug/Kg	☼	17	68 - 150	10	30
1,1,1-Trichloroethane	ND		14.8	13.5		ug/Kg	☼	91	78 - 120	1	30
1,1,2-Trichloroethane	ND	F1	14.8	9.07	F1	ug/Kg	☼	61	80 - 120	4	30
Trichloroethene	ND	F1	14.8	10.4	F1	ug/Kg	☼	70	79 - 120	10	30
Trichlorofluoromethane	ND	*+	14.8	15.4		ug/Kg	☼	104	76 - 142	9	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F1	14.8	9.50	F1	ug/Kg	☼	64	75 - 141	9	30
Vinyl chloride	ND	F1	14.8	9.90	F1	ug/Kg	☼	67	72 - 131	8	30
Xylenes, Total	0.19	J F1	29.7	16.8	F1	ug/Kg	☼	56	80 - 120	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*115*		*75 - 139*
Dibromofluoromethane (Surr)	*111*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*125*		*72 - 145*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 460-877885/9
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 877885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			11/15/22 07:36	1
Benzene	ND		1.0	0.26	ug/Kg			11/15/22 07:36	1
Bromoform	ND		1.0	0.43	ug/Kg			11/15/22 07:36	1
Bromomethane	ND		2.0	1.0	ug/Kg			11/15/22 07:36	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			11/15/22 07:36	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			11/15/22 07:36	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			11/15/22 07:36	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			11/15/22 07:36	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			11/15/22 07:36	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			11/15/22 07:36	1
Chloroethane	ND		1.0	0.52	ug/Kg			11/15/22 07:36	1
Chloroform	ND		1.0	0.97	ug/Kg			11/15/22 07:36	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-877885/9
Matrix: Solid
Analysis Batch: 877885

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.44	ug/Kg			11/15/22 07:36	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			11/15/22 07:36	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/15/22 07:36	1
Cyclohexane	ND		1.0	0.22	ug/Kg			11/15/22 07:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			11/15/22 07:36	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			11/15/22 07:36	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			11/15/22 07:36	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			11/15/22 07:36	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			11/15/22 07:36	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			11/15/22 07:36	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			11/15/22 07:36	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			11/15/22 07:36	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			11/15/22 07:36	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			11/15/22 07:36	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			11/15/22 07:36	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			11/15/22 07:36	1
1,4-Dioxane	ND		100	9.2	ug/Kg			11/15/22 07:36	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			11/15/22 07:36	1
2-Hexanone	ND		5.0	1.7	ug/Kg			11/15/22 07:36	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			11/15/22 07:36	1
Methyl acetate	ND		5.0	4.3	ug/Kg			11/15/22 07:36	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			11/15/22 07:36	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			11/15/22 07:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			11/15/22 07:36	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			11/15/22 07:36	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			11/15/22 07:36	1
o-Xylene	ND		1.0	0.19	ug/Kg			11/15/22 07:36	1
Styrene	ND		1.0	0.28	ug/Kg			11/15/22 07:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			11/15/22 07:36	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			11/15/22 07:36	1
Toluene	ND		1.0	0.23	ug/Kg			11/15/22 07:36	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			11/15/22 07:36	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/15/22 07:36	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			11/15/22 07:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			11/15/22 07:36	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			11/15/22 07:36	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			11/15/22 07:36	1
Trichloroethene	ND		1.0	0.32	ug/Kg			11/15/22 07:36	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			11/15/22 07:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			11/15/22 07:36	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			11/15/22 07:36	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			11/15/22 07:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*75 - 139*		*11/15/22 07:36*	*1*
Dibromofluoromethane (Surr)	*99*		*73 - 139*		*11/15/22 07:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 145*		*11/15/22 07:36*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*11/15/22 07:36*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-877885/4
Matrix: Solid
Analysis Batch: 877885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	104		ug/Kg		104	63 - 131
Benzene	20.0	18.2		ug/Kg		91	80 - 123
Bromoform	20.0	17.9		ug/Kg		89	70 - 125
Bromomethane	20.0	30.2	*+	ug/Kg		151	64 - 150
2-Butanone (MEK)	100	108		ug/Kg		108	75 - 120
Carbon disulfide	20.0	18.0		ug/Kg		90	76 - 120
Carbon tetrachloride	20.0	23.7		ug/Kg		118	77 - 121
Chlorobenzene	20.0	20.6		ug/Kg		103	80 - 120
Chlorobromomethane	20.0	19.4		ug/Kg		97	76 - 127
Chlorodibromomethane	20.0	20.2		ug/Kg		101	80 - 120
Chloroethane	20.0	19.9		ug/Kg		99	68 - 132
Chloroform	20.0	21.6		ug/Kg		108	79 - 126
Chloromethane	20.0	18.0		ug/Kg		90	63 - 130
cis-1,2-Dichloroethene	20.0	18.9		ug/Kg		95	80 - 123
cis-1,3-Dichloropropene	20.0	19.2		ug/Kg		96	80 - 120
Cyclohexane	20.0	20.7		ug/Kg		103	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	18.8		ug/Kg		94	60 - 124
1,2-Dibromoethane	20.0	18.3		ug/Kg		91	79 - 120
1,2-Dichlorobenzene	20.0	20.1		ug/Kg		100	80 - 120
1,3-Dichlorobenzene	20.0	21.7		ug/Kg		108	80 - 120
1,4-Dichlorobenzene	20.0	20.5		ug/Kg		102	80 - 120
Dichlorobromomethane	20.0	22.6		ug/Kg		113	73 - 124
Dichlorodifluoromethane	20.0	27.9		ug/Kg		139	62 - 150
1,1-Dichloroethane	20.0	19.7		ug/Kg		98	77 - 129
1,2-Dichloroethane	20.0	23.2		ug/Kg		116	75 - 123
1,1-Dichloroethene	20.0	18.3		ug/Kg		91	70 - 132
1,2-Dichloroethene, Total	40.0	37.7		ug/Kg		94	79 - 125
1,2-Dichloropropane	20.0	19.9		ug/Kg		99	73 - 124
1,4-Dioxane	400	391		ug/Kg		98	80 - 136
Ethylbenzene	20.0	24.1		ug/Kg		120	76 - 120
2-Hexanone	100	124		ug/Kg		124	70 - 128
Isopropylbenzene	20.0	21.9		ug/Kg		109	80 - 120
Methyl acetate	40.0	28.3		ug/Kg		71	58 - 143
Methylcyclohexane	20.0	20.9		ug/Kg		104	70 - 133
Methylene Chloride	20.0	19.0		ug/Kg		95	76 - 120
4-Methyl-2-pentanone (MIBK)	100	119		ug/Kg		119	80 - 122
Methyl tert-butyl ether	20.0	18.0		ug/Kg		90	80 - 125
m-Xylene & p-Xylene	20.0	23.0		ug/Kg		115	80 - 120
o-Xylene	20.0	22.5		ug/Kg		112	80 - 120
Styrene	20.0	20.8		ug/Kg		104	80 - 120
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/Kg		97	66 - 123
Tetrachloroethene	20.0	19.0		ug/Kg		95	78 - 123
Toluene	20.0	20.1		ug/Kg		101	80 - 120
trans-1,2-Dichloroethene	20.0	18.8		ug/Kg		94	78 - 120
trans-1,3-Dichloropropene	20.0	19.8		ug/Kg		99	80 - 120
1,2,3-Trichlorobenzene	20.0	19.0		ug/Kg		95	44 - 120
1,2,4-Trichlorobenzene	20.0	19.9		ug/Kg		100	68 - 150
1,1,1-Trichloroethane	20.0	23.6		ug/Kg		118	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-877885/4 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 877885

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane			20.0	17.0		ug/Kg		85	80 - 120		
Trichloroethene			20.0	21.9		ug/Kg		110	79 - 120		
Trichlorofluoromethane			20.0	28.5	*+	ug/Kg		143	76 - 142		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	19.5		ug/Kg		98	75 - 141		
Vinyl chloride			20.0	19.2		ug/Kg		96	72 - 131		
Xylenes, Total			40.0	45.5		ug/Kg		114	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*75 - 139*
Dibromofluoromethane (Surr)	*97*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*118*		*72 - 145*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 460-877885/5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 877885

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	103		ug/Kg		103	63 - 131	2	30
Benzene			20.0	17.7		ug/Kg		89	80 - 123	3	30
Bromoform			20.0	18.2		ug/Kg		91	70 - 125	2	30
Bromomethane			20.0	26.8		ug/Kg		134	64 - 150	12	30
2-Butanone (MEK)			100	104		ug/Kg		104	75 - 120	4	30
Carbon disulfide			20.0	15.3		ug/Kg		77	76 - 120	16	30
Carbon tetrachloride			20.0	21.0		ug/Kg		105	77 - 121	12	30
Chlorobenzene			20.0	20.2		ug/Kg		101	80 - 120	2	30
Chlorobromomethane			20.0	16.3		ug/Kg		81	76 - 127	18	30
Chlorodibromomethane			20.0	19.8		ug/Kg		99	80 - 120	2	30
Chloroethane			20.0	18.1		ug/Kg		91	68 - 132	9	30
Chloroform			20.0	17.9		ug/Kg		89	79 - 126	19	30
Chloromethane			20.0	16.3		ug/Kg		82	63 - 130	10	30
cis-1,2-Dichloroethene			20.0	16.8		ug/Kg		84	80 - 123	12	30
cis-1,3-Dichloropropene			20.0	20.3		ug/Kg		101	80 - 120	5	30
Cyclohexane			20.0	18.4		ug/Kg		92	70 - 132	11	30
1,2-Dibromo-3-Chloropropane			20.0	19.1		ug/Kg		96	60 - 124	2	30
1,2-Dibromoethane			20.0	17.3		ug/Kg		87	79 - 120	5	30
1,2-Dichlorobenzene			20.0	20.7		ug/Kg		103	80 - 120	3	30
1,3-Dichlorobenzene			20.0	21.1		ug/Kg		106	80 - 120	3	30
1,4-Dichlorobenzene			20.0	20.1		ug/Kg		101	80 - 120	2	30
Dichlorobromomethane			20.0	20.2		ug/Kg		101	73 - 124	11	30
Dichlorodifluoromethane			20.0	24.6		ug/Kg		123	62 - 150	13	30
1,1-Dichloroethane			20.0	16.5		ug/Kg		82	77 - 129	18	30
1,2-Dichloroethane			20.0	21.8		ug/Kg		109	75 - 123	6	30
1,1-Dichloroethene			20.0	15.9		ug/Kg		79	70 - 132	14	30
1,2-Dichloroethene, Total			40.0	32.9		ug/Kg		82	79 - 125	14	30
1,2-Dichloropropane			20.0	19.0		ug/Kg		95	73 - 124	4	30
1,4-Dioxane			400	366		ug/Kg		91	80 - 136	7	30
Ethylbenzene			20.0	22.3		ug/Kg		111	76 - 120	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-877885/5
Matrix: Solid
Analysis Batch: 877885

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			100	117		ug/Kg		117	70 - 128	6	30
Isopropylbenzene			20.0	21.1		ug/Kg		106	80 - 120	4	30
Methyl acetate			40.0	28.0		ug/Kg		70	58 - 143	1	30
Methylcyclohexane			20.0	19.8		ug/Kg		99	70 - 133	5	30
Methylene Chloride			20.0	18.5		ug/Kg		92	76 - 120	3	30
4-Methyl-2-pentanone (MIBK)			100	130	*+	ug/Kg		130	80 - 122	9	30
Methyl tert-butyl ether			20.0	15.8	*-	ug/Kg		79	80 - 125	13	30
m-Xylene & p-Xylene			20.0	20.3		ug/Kg		102	80 - 120	12	30
o-Xylene			20.0	23.3		ug/Kg		117	80 - 120	4	30
Styrene			20.0	21.5		ug/Kg		108	80 - 120	3	30
1,1,2,2-Tetrachloroethane			20.0	19.7		ug/Kg		99	66 - 123	2	30
Tetrachloroethene			20.0	18.7		ug/Kg		94	78 - 123	1	30
Toluene			20.0	21.7		ug/Kg		109	80 - 120	8	30
trans-1,2-Dichloroethene			20.0	16.1		ug/Kg		80	78 - 120	16	30
trans-1,3-Dichloropropene			20.0	19.1		ug/Kg		96	80 - 120	3	30
1,2,3-Trichlorobenzene			20.0	18.7		ug/Kg		93	44 - 120	2	30
1,2,4-Trichlorobenzene			20.0	19.8		ug/Kg		99	68 - 150	0	30
1,1,1-Trichloroethane			20.0	20.3		ug/Kg		102	78 - 120	15	30
1,1,2-Trichloroethane			20.0	17.3		ug/Kg		87	80 - 120	2	30
Trichloroethene			20.0	19.7		ug/Kg		98	79 - 120	11	30
Trichlorofluoromethane			20.0	26.9		ug/Kg		134	76 - 142	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	17.1		ug/Kg		85	75 - 141	13	30
Vinyl chloride			20.0	17.4		ug/Kg		87	72 - 131	10	30
Xylenes, Total			40.0	43.6		ug/Kg		109	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*75 - 139*
Dibromofluoromethane (Surr)	*85*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 145*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: MB 460-878277/9
Matrix: Solid
Analysis Batch: 878277

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			11/16/22 20:52	1
Benzene	ND		1.0	0.26	ug/Kg			11/16/22 20:52	1
Bromoform	ND		1.0	0.43	ug/Kg			11/16/22 20:52	1
Bromomethane	ND		2.0	1.0	ug/Kg			11/16/22 20:52	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			11/16/22 20:52	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			11/16/22 20:52	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			11/16/22 20:52	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			11/16/22 20:52	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			11/16/22 20:52	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			11/16/22 20:52	1
Chloroethane	ND		1.0	0.52	ug/Kg			11/16/22 20:52	1
Chloroform	ND		1.0	0.97	ug/Kg			11/16/22 20:52	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-878277/9
Matrix: Solid
Analysis Batch: 878277

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.44	ug/Kg			11/16/22 20:52	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			11/16/22 20:52	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/16/22 20:52	1
Cyclohexane	ND		1.0	0.22	ug/Kg			11/16/22 20:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			11/16/22 20:52	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			11/16/22 20:52	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			11/16/22 20:52	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			11/16/22 20:52	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			11/16/22 20:52	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			11/16/22 20:52	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			11/16/22 20:52	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			11/16/22 20:52	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			11/16/22 20:52	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			11/16/22 20:52	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			11/16/22 20:52	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			11/16/22 20:52	1
1,4-Dioxane	ND		100	9.2	ug/Kg			11/16/22 20:52	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			11/16/22 20:52	1
2-Hexanone	ND		5.0	1.7	ug/Kg			11/16/22 20:52	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			11/16/22 20:52	1
Methyl acetate	ND		5.0	4.3	ug/Kg			11/16/22 20:52	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			11/16/22 20:52	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			11/16/22 20:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			11/16/22 20:52	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			11/16/22 20:52	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			11/16/22 20:52	1
o-Xylene	ND		1.0	0.19	ug/Kg			11/16/22 20:52	1
Styrene	ND		1.0	0.28	ug/Kg			11/16/22 20:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			11/16/22 20:52	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			11/16/22 20:52	1
Toluene	ND		1.0	0.23	ug/Kg			11/16/22 20:52	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			11/16/22 20:52	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/16/22 20:52	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			11/16/22 20:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			11/16/22 20:52	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			11/16/22 20:52	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			11/16/22 20:52	1
Trichloroethene	ND		1.0	0.32	ug/Kg			11/16/22 20:52	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			11/16/22 20:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			11/16/22 20:52	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			11/16/22 20:52	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			11/16/22 20:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*75 - 139*		*11/16/22 20:52*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 139*		*11/16/22 20:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 145*		*11/16/22 20:52*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/16/22 20:52*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-878277/4
Matrix: Solid
Analysis Batch: 878277

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	101		ug/Kg		101	63 - 131
Benzene	20.0	18.9		ug/Kg		95	80 - 123
Bromoform	20.0	17.9		ug/Kg		89	70 - 125
Bromomethane	20.0	26.2		ug/Kg		131	64 - 150
2-Butanone (MEK)	100	96.7		ug/Kg		97	75 - 120
Carbon disulfide	20.0	16.8		ug/Kg		84	76 - 120
Carbon tetrachloride	20.0	23.1		ug/Kg		115	77 - 121
Chlorobenzene	20.0	20.3		ug/Kg		102	80 - 120
Chlorobromomethane	20.0	18.0		ug/Kg		90	76 - 127
Chlorodibromomethane	20.0	19.0		ug/Kg		95	80 - 120
Chloroethane	20.0	16.9		ug/Kg		84	68 - 132
Chloroform	20.0	19.9		ug/Kg		99	79 - 126
Chloromethane	20.0	14.2		ug/Kg		71	63 - 130
cis-1,2-Dichloroethene	20.0	16.7		ug/Kg		84	80 - 123
cis-1,3-Dichloropropene	20.0	18.9		ug/Kg		94	80 - 120
Cyclohexane	20.0	18.4		ug/Kg		92	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	19.3		ug/Kg		97	60 - 124
1,2-Dibromoethane	20.0	16.8		ug/Kg		84	79 - 120
1,2-Dichlorobenzene	20.0	19.5		ug/Kg		97	80 - 120
1,3-Dichlorobenzene	20.0	20.2		ug/Kg		101	80 - 120
1,4-Dichlorobenzene	20.0	19.9		ug/Kg		100	80 - 120
Dichlorobromomethane	20.0	19.7		ug/Kg		99	73 - 124
Dichlorodifluoromethane	20.0	21.9		ug/Kg		110	62 - 150
1,1-Dichloroethane	20.0	17.7		ug/Kg		89	77 - 129
1,2-Dichloroethane	20.0	22.3		ug/Kg		111	75 - 123
1,1-Dichloroethene	20.0	16.8		ug/Kg		84	70 - 132
1,2-Dichloroethene, Total	40.0	34.1		ug/Kg		85	79 - 125
1,2-Dichloropropane	20.0	16.2		ug/Kg		81	73 - 124
1,4-Dioxane	400	424		ug/Kg		106	80 - 136
Ethylbenzene	20.0	20.6		ug/Kg		103	76 - 120
2-Hexanone	100	113		ug/Kg		113	70 - 128
Isopropylbenzene	20.0	21.3		ug/Kg		106	80 - 120
Methyl acetate	40.0	26.2		ug/Kg		66	58 - 143
Methylcyclohexane	20.0	18.2		ug/Kg		91	70 - 133
Methylene Chloride	20.0	15.4		ug/Kg		77	76 - 120
4-Methyl-2-pentanone (MIBK)	100	111		ug/Kg		111	80 - 122
Methyl tert-butyl ether	20.0	16.8		ug/Kg		84	80 - 125
m-Xylene & p-Xylene	20.0	20.0		ug/Kg		100	80 - 120
o-Xylene	20.0	20.0		ug/Kg		100	80 - 120
Styrene	20.0	19.5		ug/Kg		98	80 - 120
1,1,2,2-Tetrachloroethane	20.0	19.1		ug/Kg		96	66 - 123
Tetrachloroethene	20.0	19.1		ug/Kg		95	78 - 123
Toluene	20.0	19.9		ug/Kg		100	80 - 120
trans-1,2-Dichloroethene	20.0	17.4		ug/Kg		87	78 - 120
trans-1,3-Dichloropropene	20.0	19.5		ug/Kg		98	80 - 120
1,2,3-Trichlorobenzene	20.0	19.2		ug/Kg		96	44 - 120
1,2,4-Trichlorobenzene	20.0	19.6		ug/Kg		98	68 - 150
1,1,1-Trichloroethane	20.0	21.8		ug/Kg		109	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-878277/4
Matrix: Solid
Analysis Batch: 878277

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane			20.0	16.7		ug/Kg		83	80 - 120		
Trichloroethene			20.0	18.2		ug/Kg		91	79 - 120		
Trichlorofluoromethane			20.0	25.2		ug/Kg		126	76 - 142		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	17.8		ug/Kg		89	75 - 141		
Vinyl chloride			20.0	16.6		ug/Kg		83	72 - 131		
Xylenes, Total			40.0	40.0		ug/Kg		100	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*75 - 139*
Dibromofluoromethane (Surr)	*97*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*116*		*72 - 145*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: LCSD 460-878277/5
Matrix: Solid
Analysis Batch: 878277

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	98.3		ug/Kg		98	63 - 131	3	30
Benzene			20.0	18.0		ug/Kg		90	80 - 123	5	30
Bromoform			20.0	19.4		ug/Kg		97	70 - 125	8	30
Bromomethane			20.0	26.9		ug/Kg		135	64 - 150	3	30
2-Butanone (MEK)			100	98.2		ug/Kg		98	75 - 120	2	30
Carbon disulfide			20.0	15.7		ug/Kg		78	76 - 120	7	30
Carbon tetrachloride			20.0	23.1		ug/Kg		116	77 - 121	0	30
Chlorobenzene			20.0	19.8		ug/Kg		99	80 - 120	3	30
Chlorobromomethane			20.0	19.6		ug/Kg		98	76 - 127	9	30
Chlorodibromomethane			20.0	20.9		ug/Kg		105	80 - 120	10	30
Chloroethane			20.0	16.9		ug/Kg		85	68 - 132	0	30
Chloroform			20.0	18.5		ug/Kg		93	79 - 126	7	30
Chloromethane			20.0	13.7		ug/Kg		68	63 - 130	4	30
cis-1,2-Dichloroethene			20.0	16.2		ug/Kg		81	80 - 123	4	30
cis-1,3-Dichloropropene			20.0	20.1		ug/Kg		100	80 - 120	6	30
Cyclohexane			20.0	18.9		ug/Kg		94	70 - 132	2	30
1,2-Dibromo-3-Chloropropane			20.0	19.4		ug/Kg		97	60 - 124	0	30
1,2-Dibromoethane			20.0	17.5		ug/Kg		88	79 - 120	4	30
1,2-Dichlorobenzene			20.0	19.8		ug/Kg		99	80 - 120	2	30
1,3-Dichlorobenzene			20.0	21.4		ug/Kg		107	80 - 120	6	30
1,4-Dichlorobenzene			20.0	20.9		ug/Kg		104	80 - 120	4	30
Dichlorobromomethane			20.0	19.5		ug/Kg		98	73 - 124	1	30
Dichlorodifluoromethane			20.0	21.0		ug/Kg		105	62 - 150	4	30
1,1-Dichloroethane			20.0	16.9		ug/Kg		85	77 - 129	4	30
1,2-Dichloroethane			20.0	22.3		ug/Kg		112	75 - 123	0	30
1,1-Dichloroethene			20.0	15.4		ug/Kg		77	70 - 132	9	30
1,2-Dichloroethene, Total			40.0	32.2		ug/Kg		81	79 - 125	6	30
1,2-Dichloropropane			20.0	16.7		ug/Kg		84	73 - 124	3	30
1,4-Dioxane			400	413		ug/Kg		103	80 - 136	3	30
Ethylbenzene			20.0	20.8		ug/Kg		104	76 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-878277/5
Matrix: Solid
Analysis Batch: 878277

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			100	109		ug/Kg		109	70 - 128	4	30
Isopropylbenzene			20.0	22.4		ug/Kg		112	80 - 120	5	30
Methyl acetate			40.0	27.1		ug/Kg		68	58 - 143	3	30
Methylcyclohexane			20.0	18.0		ug/Kg		90	70 - 133	1	30
Methylene Chloride			20.0	14.2	*-	ug/Kg		71	76 - 120	8	30
4-Methyl-2-pentanone (MIBK)			100	105		ug/Kg		105	80 - 122	6	30
Methyl tert-butyl ether			20.0	17.5		ug/Kg		88	80 - 125	4	30
m-Xylene & p-Xylene			20.0	20.1		ug/Kg		100	80 - 120	0	30
o-Xylene			20.0	20.6		ug/Kg		103	80 - 120	3	30
Styrene			20.0	20.1		ug/Kg		100	80 - 120	3	30
1,1,2,2-Tetrachloroethane			20.0	18.9		ug/Kg		95	66 - 123	1	30
Tetrachloroethene			20.0	19.8		ug/Kg		99	78 - 123	4	30
Toluene			20.0	19.3		ug/Kg		96	80 - 120	3	30
trans-1,2-Dichloroethene			20.0	16.1		ug/Kg		80	78 - 120	8	30
trans-1,3-Dichloropropene			20.0	21.4		ug/Kg		107	80 - 120	9	30
1,2,3-Trichlorobenzene			20.0	19.7		ug/Kg		99	44 - 120	3	30
1,2,4-Trichlorobenzene			20.0	20.8		ug/Kg		104	68 - 150	6	30
1,1,1-Trichloroethane			20.0	22.0		ug/Kg		110	78 - 120	1	30
1,1,2-Trichloroethane			20.0	17.9		ug/Kg		90	80 - 120	7	30
Trichloroethene			20.0	18.3		ug/Kg		92	79 - 120	1	30
Trichlorofluoromethane			20.0	25.4		ug/Kg		127	76 - 142	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	17.5		ug/Kg		88	75 - 141	2	30
Vinyl chloride			20.0	16.4		ug/Kg		82	72 - 131	2	30
Xylenes, Total			40.0	40.7		ug/Kg		102	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*75 - 139*
Dibromofluoromethane (Surr)	*96*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 145*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-878070/1-A
Matrix: Solid
Analysis Batch: 878252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878070

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		330	9.4	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Acenaphthylene	ND		330	9.5	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Acetophenone	ND		330	16	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Anthracene	ND		330	10	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Atrazine	ND		130	19	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Benzaldehyde	ND		330	55	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Benzo[a]anthracene	ND		33	12	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Benzo[a]pyrene	ND		33	8.8	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Benzo[b]fluoranthene	ND		33	8.6	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Benzo[g,h,i]perylene	ND		330	9.8	ug/Kg		11/15/22 22:13	11/16/22 15:11	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878070/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878252 **Prep Batch: 878070**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		33	6.5	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
1,1'-Biphenyl	ND		330	12	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Bis(2-chloroethoxy)methane	ND		330	26	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Bis(2-chloroethyl)ether	ND		33	12	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Bis(2-ethylhexyl) phthalate	ND		330	17	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
4-Bromophenyl phenyl ether	ND		330	13	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Butyl benzyl phthalate	ND		330	16	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Caprolactam	ND		330	51	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Carbazole	ND		330	13	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
4-Chloroaniline	ND		330	59	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
4-Chloro-3-methylphenol	ND		330	19	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2-Chloronaphthalene	ND		330	15	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2-Chlorophenol	ND		330	12	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
4-Chlorophenyl phenyl ether	ND		330	12	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Chrysene	ND		330	5.6	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Dibenz(a,h)anthracene	ND		33	14	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Dibenzofuran	ND		330	11	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
3,3'-Dichlorobenzidine	ND		130	50	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2,4-Dichlorophenol	ND		130	21	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Diethyl phthalate	ND		330	11	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2,4-Dimethylphenol	ND		330	39	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Dimethyl phthalate	ND		330	75	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Di-n-butyl phthalate	ND		330	12	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2,4-Dinitrophenol	ND		270	160	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2,4-Dinitrotoluene	ND		67	36	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2,6-Dinitrotoluene	ND		67	24	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Di-n-octyl phthalate	ND		330	18	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
1,4-Dioxane	ND		33	29	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Fluoranthene	ND		330	12	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Fluorene	ND		330	9.7	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Hexachlorobenzene	ND		33	16	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Hexachlorobutadiene	ND		67	7.0	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Hexachlorocyclopentadiene	ND		330	29	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Hexachloroethane	ND		33	11	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Indeno[1,2,3-cd]pyrene	ND		33	13	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Isophorone	ND		130	96	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2-Methylnaphthalene	ND		330	9.3	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2-Methylphenol	ND		330	12	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Methylphenol, 3 & 4	ND		330	21	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Naphthalene	ND		330	5.7	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2-Nitroaniline	ND		330	25	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
3-Nitroaniline	ND		330	79	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
4-Nitroaniline	ND		330	38	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Nitrobenzene	ND		33	18	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2-Nitrophenol	ND		330	33	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
4-Nitrophenol	ND		670	54	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
N-Nitrosodi-n-propylamine	ND		33	24	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
N-Nitrosodiphenylamine	ND		330	27	ug/Kg		11/15/22 22:13	11/16/22 15:11	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878070/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878252 **Prep Batch: 878070**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		330	6.0	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Pentachlorophenol	ND		270	68	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Phenanthrene	ND		330	5.8	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Phenol	ND		330	12	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
Pyrene	ND		330	8.2	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
1,2,4,5-Tetrachlorobenzene	ND		330	10	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2,3,4,6-Tetrachlorophenol	ND		330	22	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2,4,5-Trichlorophenol	ND		330	34	ug/Kg		11/15/22 22:13	11/16/22 15:11	1
2,4,6-Trichlorophenol	ND		130	42	ug/Kg		11/15/22 22:13	11/16/22 15:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*22 - 122*	*11/15/22 22:13*	*11/16/22 15:11*	*1*
2-Fluorophenol (Surr)	*67*		*18 - 123*	*11/15/22 22:13*	*11/16/22 15:11*	*1*
Nitrobenzene-d5 (Surr)	*76*		*16 - 125*	*11/15/22 22:13*	*11/16/22 15:11*	*1*
Phenol-d5 (Surr)	*75*		*23 - 120*	*11/15/22 22:13*	*11/16/22 15:11*	*1*
Terphenyl-d14 (Surr)	*75*		*25 - 126*	*11/15/22 22:13*	*11/16/22 15:11*	*1*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 123*	*11/15/22 22:13*	*11/16/22 15:11*	*1*

Lab Sample ID: LCS 460-878070/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878252 **Prep Batch: 878070**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3330	2280		ug/Kg		68	49 - 120
Acenaphthylene	3330	2440		ug/Kg		73	64 - 120
Acetophenone	3330	2700		ug/Kg		81	61 - 120
Anthracene	3330	2580		ug/Kg		77	67 - 120
Atrazine	1330	1610		ug/Kg		120	29 - 150
Benzaldehyde	1330	1270		ug/Kg		95	34 - 150
Benzo[a]anthracene	3330	2420		ug/Kg		73	62 - 120
Benzo[a]pyrene	3330	2440		ug/Kg		73	73 - 123
Benzo[b]fluoranthene	3330	2600		ug/Kg		78	70 - 125
Benzo[g,h,i]perylene	3330	2310		ug/Kg		69	66 - 120
Benzo[k]fluoranthene	3330	2700		ug/Kg		81	67 - 122
1,1'-Biphenyl	3330	2430		ug/Kg		73	59 - 120
Bis(2-chloroethoxy)methane	3330	2340		ug/Kg		70	62 - 120
Bis(2-chloroethyl)ether	3330	2310		ug/Kg		69	60 - 120
Bis(2-ethylhexyl) phthalate	3330	2700		ug/Kg		81	59 - 125
4-Bromophenyl phenyl ether	3330	2070	*-	ug/Kg		62	67 - 120
Butyl benzyl phthalate	3330	2560		ug/Kg		77	62 - 127
Caprolactam	1330	2210	*+	ug/Kg		166	36 - 150
Carbazole	3330	2640		ug/Kg		79	64 - 120
4-Chloroaniline	3330	2370		ug/Kg		71	15 - 128
4-Chloro-3-methylphenol	3330	2660		ug/Kg		80	66 - 120
2-Chloronaphthalene	3330	2340		ug/Kg		70	60 - 120
2-Chlorophenol	3330	2250		ug/Kg		67	63 - 120
4-Chlorophenyl phenyl ether	3330	2790		ug/Kg		84	62 - 120
Chrysene	3330	2500		ug/Kg		75	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878070/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878252 **Prep Batch: 878070**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	3330	2360		ug/Kg		71	66 - 128
Dibenzofuran	3330	2610		ug/Kg		78	61 - 120
3,3'-Dichlorobenzidine	3330	2170		ug/Kg		65	13 - 136
2,4-Dichlorophenol	3330	2360		ug/Kg		71	66 - 120
Diethyl phthalate	3330	2910		ug/Kg		87	63 - 120
2,4-Dimethylphenol	3330	2250		ug/Kg		68	67 - 120
Dimethyl phthalate	3330	2730		ug/Kg		82	65 - 120
Di-n-butyl phthalate	3330	2820		ug/Kg		85	66 - 120
4,6-Dinitro-2-methylphenol	6670	5580		ug/Kg		84	50 - 136
2,4-Dinitrophenol	6670	5080		ug/Kg		76	36 - 129
2,4-Dinitrotoluene	3330	2870		ug/Kg		86	65 - 124
2,6-Dinitrotoluene	3330	2620		ug/Kg		79	67 - 121
Di-n-octyl phthalate	3330	3110		ug/Kg		93	65 - 133
1,4-Dioxane	3330	1780		ug/Kg		53	21 - 120
Fluoranthene	3330	2860		ug/Kg		86	61 - 120
Fluorene	3330	2870		ug/Kg		86	60 - 120
Hexachlorobenzene	3330	1780	*-	ug/Kg		53	66 - 120
Hexachlorobutadiene	3330	2160		ug/Kg		65	62 - 120
Hexachlorocyclopentadiene	3330	1650		ug/Kg		49	38 - 120
Hexachloroethane	3330	2180		ug/Kg		65	61 - 120
Indeno[1,2,3-cd]pyrene	3330	2660		ug/Kg		80	62 - 130
Isophorone	3330	2480		ug/Kg		74	67 - 120
2-Methylnaphthalene	3330	2400		ug/Kg		72	64 - 120
2-Methylphenol	3330	2560		ug/Kg		77	63 - 120
Methylphenol, 3 & 4	3330	2710		ug/Kg		81	61 - 120
Naphthalene	3330	2380		ug/Kg		71	63 - 120
2-Nitroaniline	3330	2820		ug/Kg		85	48 - 120
3-Nitroaniline	3330	2890		ug/Kg		87	39 - 122
4-Nitroaniline	3330	2970		ug/Kg		89	55 - 120
Nitrobenzene	3330	2570		ug/Kg		77	63 - 120
2-Nitrophenol	3330	2280		ug/Kg		68	64 - 120
4-Nitrophenol	6670	5000		ug/Kg		75	52 - 123
N-Nitrosodi-n-propylamine	3330	2930		ug/Kg		88	61 - 120
N-Nitrosodiphenylamine	3330	2280		ug/Kg		68	63 - 120
2,2'-oxybis[1-chloropropane]	3330	2900		ug/Kg		87	49 - 126
Pentachlorophenol	6670	3850		ug/Kg		58	37 - 126
Phenanthrene	3330	2520		ug/Kg		75	66 - 120
Phenol	3330	2320		ug/Kg		70	63 - 120
Pyrene	3330	2300		ug/Kg		69	61 - 121
1,2,4,5-Tetrachlorobenzene	3330	2390		ug/Kg		72	60 - 120
2,3,4,6-Tetrachlorophenol	3330	2680		ug/Kg		80	54 - 120
2,4,5-Trichlorophenol	3330	2370		ug/Kg		71	59 - 120
2,4,6-Trichlorophenol	3330	2360		ug/Kg		71	58 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*71*		*22 - 122*
2-Fluorophenol (Surr)	*61*		*18 - 123*
Nitrobenzene-d5 (Surr)	*70*		*16 - 125*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878070/2-A
Matrix: Solid
Analysis Batch: 878252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878070

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Phenol-d5 (Surr)	*76*		*23 - 120*
Terphenyl-d14 (Surr)	*68*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*60*		*10 - 123*

Lab Sample ID: LCSD 460-878070/3-A
Matrix: Solid
Analysis Batch: 878252

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 878070

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			3330	2230		ug/Kg		67	49 - 120	2	30
Acenaphthylene			3330	2380		ug/Kg		72	64 - 120	2	30
Acetophenone			3330	2680		ug/Kg		80	61 - 120	1	30
Anthracene			3330	2490		ug/Kg		75	67 - 120	3	30
Atrazine			1330	1550		ug/Kg		117	29 - 150	3	30
Benzaldehyde			1330	1300		ug/Kg		98	34 - 150	3	30
Benzo[a]anthracene			3330	2430		ug/Kg		73	62 - 120	0	30
Benzo[a]pyrene			3330	2410	*-	ug/Kg		72	73 - 123	1	30
Benzo[b]fluoranthene			3330	2600		ug/Kg		78	70 - 125	0	30
Benzo[g,h,i]perylene			3330	2250		ug/Kg		68	66 - 120	3	30
Benzo[k]fluoranthene			3330	2720		ug/Kg		82	67 - 122	1	30
1,1'-Biphenyl			3330	2400		ug/Kg		72	59 - 120	1	30
Bis(2-chloroethoxy)methane			3330	2360		ug/Kg		71	62 - 120	1	30
Bis(2-chloroethyl)ether			3330	2360		ug/Kg		71	60 - 120	2	30
Bis(2-ethylhexyl) phthalate			3330	2600		ug/Kg		78	59 - 125	4	30
4-Bromophenyl phenyl ether			3330	2080	*-	ug/Kg		62	67 - 120	0	30
Butyl benzyl phthalate			3330	2500		ug/Kg		75	62 - 127	2	30
Caprolactam			1330	1940		ug/Kg		145	36 - 150	13	30
Carbazole			3330	2580		ug/Kg		77	64 - 120	2	30
4-Chloroaniline			3330	2380		ug/Kg		72	15 - 128	1	30
4-Chloro-3-methylphenol			3330	2590		ug/Kg		78	66 - 120	3	30
2-Chloronaphthalene			3330	2310		ug/Kg		69	60 - 120	1	30
2-Chlorophenol			3330	2330		ug/Kg		70	63 - 120	4	30
4-Chlorophenyl phenyl ether			3330	2730		ug/Kg		82	62 - 120	2	30
Chrysene			3330	2400		ug/Kg		72	63 - 120	4	30
Dibenz(a,h)anthracene			3330	2310		ug/Kg		69	66 - 128	2	30
Dibenzofuran			3330	2570		ug/Kg		77	61 - 120	1	30
3,3'-Dichlorobenzidine			3330	2100		ug/Kg		63	13 - 136	3	30
2,4-Dichlorophenol			3330	2380		ug/Kg		71	66 - 120	1	30
Diethyl phthalate			3330	2780		ug/Kg		83	63 - 120	5	30
2,4-Dimethylphenol			3330	2240		ug/Kg		67	67 - 120	1	30
Dimethyl phthalate			3330	2580		ug/Kg		78	65 - 120	5	30
Di-n-butyl phthalate			3330	2680		ug/Kg		80	66 - 120	5	30
4,6-Dinitro-2-methylphenol			6670	5470		ug/Kg		82	50 - 136	2	30
2,4-Dinitrophenol			6670	4890		ug/Kg		73	36 - 129	4	30
2,4-Dinitrotoluene			3330	2780		ug/Kg		84	65 - 124	3	30
2,6-Dinitrotoluene			3330	2570		ug/Kg		77	67 - 121	2	30
Di-n-octyl phthalate			3330	3100		ug/Kg		93	65 - 133	0	30
1,4-Dioxane			3330	1880		ug/Kg		57	21 - 120	6	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-878070/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878252 **Prep Batch: 878070**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoranthene			3330	2790		ug/Kg		84	61 - 120	3	30
Fluorene			3330	2790		ug/Kg		84	60 - 120	3	30
Hexachlorobenzene			3330	1780	*-	ug/Kg		53	66 - 120	0	30
Hexachlorobutadiene			3330	2210		ug/Kg		66	62 - 120	2	30
Hexachlorocyclopentadiene			3330	1760		ug/Kg		53	38 - 120	7	30
Hexachloroethane			3330	2270		ug/Kg		68	61 - 120	4	30
Indeno[1,2,3-cd]pyrene			3330	2620		ug/Kg		79	62 - 130	2	30
Isophorone			3330	2450		ug/Kg		73	67 - 120	1	30
2-Methylnaphthalene			3330	2420		ug/Kg		72	64 - 120	1	30
2-Methylphenol			3330	2540		ug/Kg		76	63 - 120	1	30
Methylphenol, 3 & 4			3330	2700		ug/Kg		81	61 - 120	0	30
Naphthalene			3330	2400		ug/Kg		72	63 - 120	1	30
2-Nitroaniline			3330	2700		ug/Kg		81	48 - 120	4	30
3-Nitroaniline			3330	2760		ug/Kg		83	39 - 122	5	30
4-Nitroaniline			3330	2740		ug/Kg		82	55 - 120	8	30
Nitrobenzene			3330	2560		ug/Kg		77	63 - 120	0	30
2-Nitrophenol			3330	2270		ug/Kg		68	64 - 120	0	30
4-Nitrophenol			6670	4880		ug/Kg		73	52 - 123	2	30
N-Nitrosodi-n-propylamine			3330	2930		ug/Kg		88	61 - 120	0	30
N-Nitrosodiphenylamine			3330	2250		ug/Kg		67	63 - 120	1	30
2,2'-oxybis[1-chloropropane]			3330	2940		ug/Kg		88	49 - 126	1	30
Pentachlorophenol			6670	3870		ug/Kg		58	37 - 126	1	30
Phenanthrene			3330	2520		ug/Kg		76	66 - 120	0	30
Phenol			3330	2390		ug/Kg		72	63 - 120	3	30
Pyrene			3330	2350		ug/Kg		71	61 - 121	2	30
1,2,4,5-Tetrachlorobenzene			3330	2430		ug/Kg		73	60 - 120	2	30
2,3,4,6-Tetrachlorophenol			3330	2610		ug/Kg		78	54 - 120	2	30
2,4,5-Trichlorophenol			3330	2360		ug/Kg		71	59 - 120	0	30
2,4,6-Trichlorophenol			3330	2320		ug/Kg		70	58 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*22 - 122*
2-Fluorophenol (Surr)	*64*		*18 - 123*
Nitrobenzene-d5 (Surr)	*72*		*16 - 125*
Phenol-d5 (Surr)	*79*		*23 - 120*
Terphenyl-d14 (Surr)	*69*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 123*

Lab Sample ID: 180-147751-20 MS **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878252 **Prep Batch: 878070**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		3610	2350		ug/Kg	☼	65	49 - 120
Acenaphthylene	ND		3610	2490		ug/Kg	☼	69	64 - 120
Acetophenone	ND		3610	2440		ug/Kg	☼	68	61 - 120
Anthracene	ND		3610	2550		ug/Kg	☼	71	67 - 120
Atrazine	ND		1440	1590		ug/Kg	☼	110	29 - 150

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147751-20 MS **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878252 **Prep Batch: 878070**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzaldehyde	ND		1440	1250	E	ug/Kg	☼	86	34 - 150
Benzo[a]anthracene	36		3610	2610		ug/Kg	☼	71	62 - 120
Benzo[a]pyrene	34	J F1 *-	3610	2620	F1	ug/Kg	☼	72	73 - 123
Benzo[b]fluoranthene	60		3610	3000		ug/Kg	☼	82	70 - 125
Benzo[g,h,i]perylene	21	J F1	3610	1830	F1	ug/Kg	☼	50	66 - 120
Benzo[k]fluoranthene	20	J	3610	3140		ug/Kg	☼	86	67 - 122
1,1'-Biphenyl	ND		3610	2510		ug/Kg	☼	69	59 - 120
Bis(2-chloroethoxy)methane	ND		3610	2250		ug/Kg	☼	62	62 - 120
Bis(2-chloroethyl)ether	ND		3610	2150		ug/Kg	☼	60	60 - 120
Bis(2-ethylhexyl) phthalate	320	J	3610	2750		ug/Kg	☼	68	59 - 125
4-Bromophenyl phenyl ether	ND	F1 *-	3610	2200	F1	ug/Kg	☼	61	67 - 120
Butyl benzyl phthalate	ND		3610	2670		ug/Kg	☼	74	62 - 127
Caprolactam	ND	*+	1440	1780	E	ug/Kg	☼	123	36 - 150
Carbazole	ND		3610	2610		ug/Kg	☼	72	64 - 120
4-Chloroaniline	ND		3610	2300		ug/Kg	☼	64	15 - 128
4-Chloro-3-methylphenol	ND		3610	2610		ug/Kg	☼	72	66 - 120
2-Chloronaphthalene	ND		3610	2450		ug/Kg	☼	68	60 - 120
2-Chlorophenol	ND	F1	3610	2190	F1	ug/Kg	☼	61	63 - 120
4-Chlorophenyl phenyl ether	ND		3610	2730		ug/Kg	☼	76	62 - 120
Chrysene	44	J	3610	2590		ug/Kg	☼	71	63 - 120
Dibenz(a,h)anthracene	ND	F1	3610	2000	F1	ug/Kg	☼	56	66 - 128
Dibenzofuran	ND		3610	2600		ug/Kg	☼	72	61 - 120
3,3'-Dichlorobenzidine	ND		3610	2090		ug/Kg	☼	58	13 - 136
2,4-Dichlorophenol	ND		3610	2400		ug/Kg	☼	67	66 - 120
Diethyl phthalate	ND		3610	2720		ug/Kg	☼	76	63 - 120
2,4-Dimethylphenol	ND	F1	3610	2240	F1	ug/Kg	☼	62	67 - 120
Dimethyl phthalate	ND		3610	2560		ug/Kg	☼	71	65 - 120
Di-n-butyl phthalate	ND		3610	2700		ug/Kg	☼	75	66 - 120
4,6-Dinitro-2-methylphenol	ND		7210	4810		ug/Kg	☼	67	50 - 136
2,4-Dinitrophenol	ND		7210	4380		ug/Kg	☼	61	36 - 129
2,4-Dinitrotoluene	ND		3610	2680		ug/Kg	☼	74	65 - 124
2,6-Dinitrotoluene	ND		3610	2550		ug/Kg	☼	71	67 - 121
Di-n-octyl phthalate	ND		3610	3820		ug/Kg	☼	106	65 - 133
1,4-Dioxane	ND		3610	1640		ug/Kg	☼	46	21 - 120
Fluoranthene	69	J	3610	2840		ug/Kg	☼	77	61 - 120
Fluorene	ND		3610	2820		ug/Kg	☼	78	60 - 120
Hexachlorobenzene	ND	F1 *-	3610	1860	F1	ug/Kg	☼	52	66 - 120
Hexachlorobutadiene	ND	F1	3610	2220	F1	ug/Kg	☼	61	62 - 120
Hexachlorocyclopentadiene	ND	F1	3610	1390		ug/Kg	☼	39	38 - 120
Hexachloroethane	ND	F1	3610	2140	F1	ug/Kg	☼	59	61 - 120
Indeno[1,2,3-cd]pyrene	25	J F1	3610	2230	F1	ug/Kg	☼	61	62 - 130
Isophorone	ND	F1	3610	2350	F1	ug/Kg	☼	65	67 - 120
2-Methylnaphthalene	ND		3610	2420		ug/Kg	☼	67	64 - 120
2-Methylphenol	ND		3610	2390		ug/Kg	☼	66	63 - 120
Methylphenol, 3 & 4	ND		3610	2510		ug/Kg	☼	70	61 - 120
Naphthalene	6.3	J	3610	2350		ug/Kg	☼	65	63 - 120
2-Nitroaniline	ND		3610	2800		ug/Kg	☼	78	48 - 120
3-Nitroaniline	ND		3610	2770		ug/Kg	☼	77	39 - 122
4-Nitroaniline	ND		3610	2500		ug/Kg	☼	69	55 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147751-20 MS **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878252 **Prep Batch: 878070**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	ND		3610	2360		ug/Kg	☼	65	63 - 120
2-Nitrophenol	ND	F1	3610	2220	F1	ug/Kg	☼	62	64 - 120
4-Nitrophenol	ND		7210	5040		ug/Kg	☼	70	52 - 123
N-Nitrosodi-n-propylamine	ND		3610	2700		ug/Kg	☼	75	61 - 120
N-Nitrosodiphenylamine	ND		3610	2380		ug/Kg	☼	66	63 - 120
2,2'-oxybis[1-chloropropane]	ND		3610	2740		ug/Kg	☼	76	49 - 126
Pentachlorophenol	ND		7210	4020		ug/Kg	☼	56	37 - 126
Phenanthrene	31	J	3610	2620		ug/Kg	☼	72	66 - 120
Phenol	ND	F1	3610	2230	F1	ug/Kg	☼	62	63 - 120
Pyrene	51	J	3610	2670		ug/Kg	☼	73	61 - 121
1,2,4,5-Tetrachlorobenzene	ND		3610	2520		ug/Kg	☼	70	60 - 120
2,3,4,6-Tetrachlorophenol	ND		3610	2660		ug/Kg	☼	74	54 - 120
2,4,5-Trichlorophenol	ND		3610	2480		ug/Kg	☼	69	59 - 120
2,4,6-Trichlorophenol	ND		3610	2400		ug/Kg	☼	66	58 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*66*		*22 - 122*
2-Fluorophenol (Surr)	*53*		*18 - 123*
Nitrobenzene-d5 (Surr)	*62*		*16 - 125*
Phenol-d5 (Surr)	*65*		*23 - 120*
Terphenyl-d14 (Surr)	*66*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*52*		*10 - 123*

Lab Sample ID: 180-147751-20 MSD **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878252 **Prep Batch: 878070**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		3610	2410		ug/Kg	☼	67	49 - 120	2	30
Acenaphthylene	ND		3610	2560		ug/Kg	☼	71	64 - 120	3	30
Acetophenone	ND		3610	2600		ug/Kg	☼	72	61 - 120	6	30
Anthracene	ND		3610	2640		ug/Kg	☼	73	67 - 120	4	30
Atrazine	ND		1440	1510		ug/Kg	☼	105	29 - 150	5	30
Benzaldehyde	ND		1440	1140		ug/Kg	☼	79	34 - 150	9	30
Benzo[a]anthracene	36		3610	2660		ug/Kg	☼	73	62 - 120	2	30
Benzo[a]pyrene	34	J F1 *-	3610	2670		ug/Kg	☼	73	73 - 123	2	30
Benzo[b]fluoranthene	60		3610	3020		ug/Kg	☼	82	70 - 125	1	30
Benzo[g,h,i]perylene	21	J F1	3610	1920	F1	ug/Kg	☼	53	66 - 120	4	30
Benzo[k]fluoranthene	20	J	3610	3160		ug/Kg	☼	87	67 - 122	1	30
1,1'-Biphenyl	ND		3610	2550		ug/Kg	☼	71	59 - 120	2	30
Bis(2-chloroethoxy)methane	ND		3610	2300		ug/Kg	☼	64	62 - 120	2	30
Bis(2-chloroethyl)ether	ND		3610	2200		ug/Kg	☼	61	60 - 120	2	30
Bis(2-ethylhexyl) phthalate	320	J	3610	3210		ug/Kg	☼	80	59 - 125	15	30
4-Bromophenyl phenyl ether	ND	F1 *-	3610	2180	F1	ug/Kg	☼	61	67 - 120	1	30
Butyl benzyl phthalate	ND		3610	2710		ug/Kg	☼	75	62 - 127	1	30
Caprolactam	ND	*+	1440	1800	E	ug/Kg	☼	125	36 - 150	1	30
Carbazole	ND		3610	2710		ug/Kg	☼	75	64 - 120	4	30
4-Chloroaniline	ND		3610	2440		ug/Kg	☼	68	15 - 128	6	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147751-20 MSD **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878252 **Prep Batch: 878070**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	ND		3610	2700		ug/Kg	☼	75	66 - 120	4	30
2-Chloronaphthalene	ND		3610	2440		ug/Kg	☼	68	60 - 120	0	30
2-Chlorophenol	ND	F1	3610	2230	F1	ug/Kg	☼	62	63 - 120	2	30
4-Chlorophenyl phenyl ether	ND		3610	2860		ug/Kg	☼	79	62 - 120	5	30
Chrysene	44	J	3610	2660		ug/Kg	☼	73	63 - 120	3	30
Dibenz(a,h)anthracene	ND	F1	3610	2090	F1	ug/Kg	☼	58	66 - 128	4	30
Dibenzofuran	ND		3610	2690		ug/Kg	☼	75	61 - 120	3	30
3,3'-Dichlorobenzidine	ND		3610	2300		ug/Kg	☼	64	13 - 136	10	30
2,4-Dichlorophenol	ND		3610	2530		ug/Kg	☼	70	66 - 120	5	30
Diethyl phthalate	ND		3610	2780		ug/Kg	☼	77	63 - 120	2	30
2,4-Dimethylphenol	ND	F1	3610	2270	F1	ug/Kg	☼	63	67 - 120	1	30
Dimethyl phthalate	ND		3610	2600		ug/Kg	☼	72	65 - 120	1	30
Di-n-butyl phthalate	ND		3610	2800		ug/Kg	☼	78	66 - 120	3	30
4,6-Dinitro-2-methylphenol	ND		7220	4890		ug/Kg	☼	68	50 - 136	2	30
2,4-Dinitrophenol	ND		7220	4690		ug/Kg	☼	65	36 - 129	7	30
2,4-Dinitrotoluene	ND		3610	2840		ug/Kg	☼	79	65 - 124	6	30
2,6-Dinitrotoluene	ND		3610	2660		ug/Kg	☼	74	67 - 121	4	30
Di-n-octyl phthalate	ND		3610	3850		ug/Kg	☼	107	65 - 133	1	30
1,4-Dioxane	ND		3610	1550		ug/Kg	☼	43	21 - 120	6	30
Fluoranthene	69	J	3610	3000		ug/Kg	☼	81	61 - 120	6	30
Fluorene	ND		3610	2960		ug/Kg	☼	82	60 - 120	5	30
Hexachlorobenzene	ND	F1 *-	3610	1890	F1	ug/Kg	☼	52	66 - 120	2	30
Hexachlorobutadiene	ND	F1	3610	2190	F1	ug/Kg	☼	61	62 - 120	1	30
Hexachlorocyclopentadiene	ND	F1	3610	1330	F1	ug/Kg	☼	37	38 - 120	4	30
Hexachloroethane	ND	F1	3610	2140	F1	ug/Kg	☼	59	61 - 120	0	30
Indeno[1,2,3-cd]pyrene	25	J F1	3610	2350		ug/Kg	☼	64	62 - 130	5	30
Isophorone	ND	F1	3610	2440		ug/Kg	☼	68	67 - 120	4	30
2-Methylnaphthalene	ND		3610	2470		ug/Kg	☼	68	64 - 120	2	30
2-Methylphenol	ND		3610	2540		ug/Kg	☼	70	63 - 120	6	30
Methylphenol, 3 & 4	ND		3610	2650		ug/Kg	☼	73	61 - 120	5	30
Naphthalene	6.3	J	3610	2410		ug/Kg	☼	67	63 - 120	2	30
2-Nitroaniline	ND		3610	2870		ug/Kg	☼	80	48 - 120	3	30
3-Nitroaniline	ND		3610	2870		ug/Kg	☼	80	39 - 122	4	30
4-Nitroaniline	ND		3610	2740		ug/Kg	☼	76	55 - 120	9	30
Nitrobenzene	ND		3610	2500		ug/Kg	☼	69	63 - 120	6	30
2-Nitrophenol	ND	F1	3610	2280	F1	ug/Kg	☼	63	64 - 120	3	30
4-Nitrophenol	ND		7220	5550		ug/Kg	☼	77	52 - 123	10	30
N-Nitrosodi-n-propylamine	ND		3610	2760		ug/Kg	☼	77	61 - 120	2	30
N-Nitrosodiphenylamine	ND		3610	2370		ug/Kg	☼	66	63 - 120	0	30
2,2'-oxybis[1-chloropropane]	ND		3610	2820		ug/Kg	☼	78	49 - 126	3	30
Pentachlorophenol	ND		7220	4130		ug/Kg	☼	57	37 - 126	3	30
Phenanthrene	31	J	3610	2660		ug/Kg	☼	73	66 - 120	2	30
Phenol	ND	F1	3610	2360		ug/Kg	☼	65	63 - 120	6	30
Pyrene	51	J	3610	2610		ug/Kg	☼	71	61 - 121	2	30
1,2,4,5-Tetrachlorobenzene	ND		3610	2530		ug/Kg	☼	70	60 - 120	1	30
2,3,4,6-Tetrachlorophenol	ND		3610	2780		ug/Kg	☼	77	54 - 120	4	30
2,4,5-Trichlorophenol	ND		3610	2530		ug/Kg	☼	70	59 - 120	2	30
2,4,6-Trichlorophenol	ND		3610	2470		ug/Kg	☼	68	58 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147751-20 MSD **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878252 **Prep Batch: 878070**

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl	66		22 - 122
2-Fluorophenol (Surr)	52		18 - 123
Nitrobenzene-d5 (Surr)	63		16 - 125
Phenol-d5 (Surr)	68		23 - 120
Terphenyl-d14 (Surr)	66		25 - 126
2,4,6-Tribromophenol (Surr)	54		10 - 123

Lab Sample ID: MB 460-878467/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878553 **Prep Batch: 878467**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		330	9.4	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Acenaphthylene	ND		330	9.5	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Acetophenone	ND		330	16	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Anthracene	ND		330	10	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Atrazine	ND		130	19	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Benzaldehyde	ND		330	55	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Benzo[a]anthracene	ND		33	12	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Benzo[a]pyrene	ND		33	8.8	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Benzo[b]fluoranthene	ND		33	8.6	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Benzo[g,h,i]perylene	ND		330	9.8	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Benzo[k]fluoranthene	ND		33	6.5	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
1,1'-Biphenyl	ND		330	12	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Bis(2-chloroethoxy)methane	ND		330	26	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Bis(2-chloroethyl)ether	ND		33	12	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Bis(2-ethylhexyl) phthalate	ND		330	17	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
4-Bromophenyl phenyl ether	ND		330	13	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Butyl benzyl phthalate	ND		330	16	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Caprolactam	ND		330	51	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Carbazole	ND		330	13	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
4-Chloroaniline	ND		330	59	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
4-Chloro-3-methylphenol	ND		330	19	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2-Chloronaphthalene	ND		330	15	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2-Chlorophenol	ND		330	12	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
4-Chlorophenyl phenyl ether	ND		330	12	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Chrysene	ND		330	5.6	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Dibenz(a,h)anthracene	ND		33	14	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Dibenzofuran	ND		330	11	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
3,3'-Dichlorobenzidine	ND		130	50	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2,4-Dichlorophenol	ND		130	21	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Diethyl phthalate	ND		330	11	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2,4-Dimethylphenol	ND		330	39	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Dimethyl phthalate	ND		330	75	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Di-n-butyl phthalate	ND		330	12	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2,4-Dinitrophenol	ND		270	160	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2,4-Dinitrotoluene	ND		67	36	ug/Kg		11/17/22 10:08	11/17/22 20:00	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878467/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878553 **Prep Batch: 878467**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		67	24	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Di-n-octyl phthalate	ND		330	18	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
1,4-Dioxane	ND		33	29	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Fluoranthene	ND		330	12	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Fluorene	ND		330	9.7	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Hexachlorobenzene	ND		33	16	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Hexachlorobutadiene	ND		67	7.0	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Hexachlorocyclopentadiene	ND		330	29	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Hexachloroethane	ND		33	11	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Indeno[1,2,3-cd]pyrene	ND		33	13	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Isophorone	ND		130	96	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2-Methylnaphthalene	ND		330	9.3	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2-Methylphenol	ND		330	12	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Methylphenol, 3 & 4	ND		330	21	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Naphthalene	ND		330	5.7	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2-Nitroaniline	ND		330	25	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
3-Nitroaniline	ND		330	79	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
4-Nitroaniline	ND		330	38	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Nitrobenzene	ND		33	18	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2-Nitrophenol	ND		330	33	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
4-Nitrophenol	ND		670	54	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
N-Nitrosodi-n-propylamine	ND		33	24	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
N-Nitrosodiphenylamine	ND		330	27	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2,2'-oxybis[1-chloropropane]	ND		330	6.0	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Pentachlorophenol	ND		270	68	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Phenanthrene	ND		330	5.8	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Phenol	ND		330	12	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
Pyrene	ND		330	8.2	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
1,2,4,5-Tetrachlorobenzene	ND		330	10	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2,3,4,6-Tetrachlorophenol	ND		330	22	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2,4,5-Trichlorophenol	ND		330	34	ug/Kg		11/17/22 10:08	11/17/22 20:00	1
2,4,6-Trichlorophenol	ND		130	42	ug/Kg		11/17/22 10:08	11/17/22 20:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*22 - 122*	*11/17/22 10:08*	*11/17/22 20:00*	*1*
2-Fluorophenol (Surr)	*80*		*18 - 123*	*11/17/22 10:08*	*11/17/22 20:00*	*1*
Nitrobenzene-d5 (Surr)	*82*		*16 - 125*	*11/17/22 10:08*	*11/17/22 20:00*	*1*
Phenol-d5 (Surr)	*83*		*23 - 120*	*11/17/22 10:08*	*11/17/22 20:00*	*1*
Terphenyl-d14 (Surr)	*96*		*25 - 126*	*11/17/22 10:08*	*11/17/22 20:00*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 123*	*11/17/22 10:08*	*11/17/22 20:00*	*1*

Lab Sample ID: LCS 460-878467/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878553 **Prep Batch: 878467**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3330	3050		ug/Kg		91	49 - 120
Acenaphthylene	3330	3190		ug/Kg		96	64 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878467/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878553 **Prep Batch: 878467**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetophenone	3330	3060		ug/Kg		92	61 - 120
Anthracene	3330	3380		ug/Kg		101	67 - 120
Atrazine	1330	1690		ug/Kg		127	29 - 150
Benzaldehyde	1330	1320		ug/Kg		99	34 - 150
Benzo[a]anthracene	3330	3430		ug/Kg		103	62 - 120
Benzo[a]pyrene	3330	3340		ug/Kg		100	73 - 123
Benzo[b]fluoranthene	3330	3530		ug/Kg		106	70 - 125
Benzo[g,h,i]perylene	3330	3070		ug/Kg		92	66 - 120
Benzo[k]fluoranthene	3330	3810		ug/Kg		114	67 - 122
1,1'-Biphenyl	3330	3370		ug/Kg		101	59 - 120
Bis(2-chloroethoxy)methane	3330	2940		ug/Kg		88	62 - 120
Bis(2-chloroethyl)ether	3330	2880		ug/Kg		86	60 - 120
Bis(2-ethylhexyl) phthalate	3330	3460		ug/Kg		104	59 - 125
4-Bromophenyl phenyl ether	3330	3000		ug/Kg		90	67 - 120
Butyl benzyl phthalate	3330	3500		ug/Kg		105	62 - 127
Caprolactam	1330	1560		ug/Kg		117	36 - 150
Carbazole	3330	3190		ug/Kg		96	64 - 120
4-Chloroaniline	3330	2460		ug/Kg		74	15 - 128
4-Chloro-3-methylphenol	3330	3190		ug/Kg		96	66 - 120
2-Chloronaphthalene	3330	3220		ug/Kg		97	60 - 120
2-Chlorophenol	3330	3090		ug/Kg		93	63 - 120
4-Chlorophenyl phenyl ether	3330	3560		ug/Kg		107	62 - 120
Chrysene	3330	3340		ug/Kg		100	63 - 120
Dibenz(a,h)anthracene	3330	3150		ug/Kg		95	66 - 128
Dibenzofuran	3330	3390		ug/Kg		102	61 - 120
3,3'-Dichlorobenzidine	3330	2190		ug/Kg		66	13 - 136
2,4-Dichlorophenol	3330	3200		ug/Kg		96	66 - 120
Diethyl phthalate	3330	3360		ug/Kg		101	63 - 120
2,4-Dimethylphenol	3330	3000		ug/Kg		90	67 - 120
Dimethyl phthalate	3330	3300		ug/Kg		99	65 - 120
Di-n-butyl phthalate	3330	3270		ug/Kg		98	66 - 120
4,6-Dinitro-2-methylphenol	6670	6690		ug/Kg		100	50 - 136
2,4-Dinitrophenol	6670	5290		ug/Kg		79	36 - 129
2,4-Dinitrotoluene	3330	3320		ug/Kg		100	65 - 124
2,6-Dinitrotoluene	3330	3320		ug/Kg		100	67 - 121
Di-n-octyl phthalate	3330	4220		ug/Kg		127	65 - 133
1,4-Dioxane	3330	1740		ug/Kg		52	21 - 120
Fluoranthene	3330	3350		ug/Kg		101	61 - 120
Fluorene	3330	3620		ug/Kg		109	60 - 120
Hexachlorobenzene	3330	2510		ug/Kg		75	66 - 120
Hexachlorobutadiene	3330	2990		ug/Kg		90	62 - 120
Hexachlorocyclopentadiene	3330	2680		ug/Kg		80	38 - 120
Hexachloroethane	3330	2820		ug/Kg		85	61 - 120
Indeno[1,2,3-cd]pyrene	3330	3420		ug/Kg		103	62 - 130
Isophorone	3330	2960		ug/Kg		89	67 - 120
2-Methylnaphthalene	3330	2910		ug/Kg		87	64 - 120
2-Methylphenol	3330	3180		ug/Kg		95	63 - 120
Methylphenol, 3 & 4	3330	3240		ug/Kg		97	61 - 120
Naphthalene	3330	3040		ug/Kg		91	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878467/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878553 **Prep Batch: 878467**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2-Nitroaniline			3330	3430		ug/Kg		103	48 - 120		
3-Nitroaniline			3330	3010		ug/Kg		90	39 - 122		
4-Nitroaniline			3330	2810		ug/Kg		84	55 - 120		
Nitrobenzene			3330	3010		ug/Kg		90	63 - 120		
2-Nitrophenol			3330	2880		ug/Kg		87	64 - 120		
4-Nitrophenol			6670	5610		ug/Kg		84	52 - 123		
N-Nitrosodi-n-propylamine			3330	3180		ug/Kg		95	61 - 120		
N-Nitrosodiphenylamine			3330	3180		ug/Kg		95	63 - 120		
2,2'-oxybis[1-chloropropane]			3330	3470		ug/Kg		104	49 - 126		
Pentachlorophenol			6670	4910		ug/Kg		74	37 - 126		
Phenanthrene			3330	3350		ug/Kg		101	66 - 120		
Phenol			3330	3280		ug/Kg		98	63 - 120		
Pyrene			3330	3690		ug/Kg		111	61 - 121		
1,2,4,5-Tetrachlorobenzene			3330	3430		ug/Kg		103	60 - 120		
2,3,4,6-Tetrachlorophenol			3330	3330		ug/Kg		100	54 - 120		
2,4,5-Trichlorophenol			3330	3220		ug/Kg		97	59 - 120		
2,4,6-Trichlorophenol			3330	3230		ug/Kg		97	58 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*93*		*22 - 122*
2-Fluorophenol (Surr)	*86*		*18 - 123*
Nitrobenzene-d5 (Surr)	*84*		*16 - 125*
Phenol-d5 (Surr)	*93*		*23 - 120*
Terphenyl-d14 (Surr)	*96*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 123*

Lab Sample ID: LCSD 460-878467/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878553 **Prep Batch: 878467**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			3330	2870		ug/Kg		86	49 - 120	6	30
Acenaphthylene			3330	3020		ug/Kg		91	64 - 120	5	30
Acetophenone			3330	2900		ug/Kg		87	61 - 120	5	30
Anthracene			3330	3250		ug/Kg		97	67 - 120	4	30
Atrazine			1330	1590		ug/Kg		119	29 - 150	6	30
Benzaldehyde			1330	1230		ug/Kg		92	34 - 150	7	30
Benzo[a]anthracene			3330	3260		ug/Kg		98	62 - 120	5	30
Benzo[a]pyrene			3330	3200		ug/Kg		96	73 - 123	4	30
Benzo[b]fluoranthene			3330	3400		ug/Kg		102	70 - 125	4	30
Benzo[g,h,i]perylene			3330	2920		ug/Kg		88	66 - 120	5	30
Benzo[k]fluoranthene			3330	3620		ug/Kg		108	67 - 122	5	30
1,1'-Biphenyl			3330	3210		ug/Kg		96	59 - 120	5	30
Bis(2-chloroethoxy)methane			3330	2790		ug/Kg		84	62 - 120	5	30
Bis(2-chloroethyl)ether			3330	2670		ug/Kg		80	60 - 120	8	30
Bis(2-ethylhexyl) phthalate			3330	3360		ug/Kg		101	59 - 125	3	30
4-Bromophenyl phenyl ether			3330	2860		ug/Kg		86	67 - 120	5	30
Butyl benzyl phthalate			3330	3350		ug/Kg		101	62 - 127	4	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-878467/3-A
Matrix: Solid
Analysis Batch: 878553

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 878467

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Caprolactam	1330	1500		ug/Kg		113	36 - 150	4	30
Carbazole	3330	3140		ug/Kg		94	64 - 120	2	30
4-Chloroaniline	3330	936	*1	ug/Kg		28	15 - 128	90	30
4-Chloro-3-methylphenol	3330	3040		ug/Kg		91	66 - 120	5	30
2-Chloronaphthalene	3330	3080		ug/Kg		92	60 - 120	4	30
2-Chlorophenol	3330	2880		ug/Kg		87	63 - 120	7	30
4-Chlorophenyl phenyl ether	3330	3360		ug/Kg		101	62 - 120	6	30
Chrysene	3330	3190		ug/Kg		96	63 - 120	5	30
Dibenz(a,h)anthracene	3330	3020		ug/Kg		91	66 - 128	4	30
Dibenzofuran	3330	3220		ug/Kg		96	61 - 120	5	30
3,3'-Dichlorobenzidine	3330	1270	*1	ug/Kg		38	13 - 136	53	30
2,4-Dichlorophenol	3330	3080		ug/Kg		92	66 - 120	4	30
Diethyl phthalate	3330	3260		ug/Kg		98	63 - 120	3	30
2,4-Dimethylphenol	3330	2840		ug/Kg		85	67 - 120	6	30
Dimethyl phthalate	3330	3190		ug/Kg		96	65 - 120	3	30
Di-n-butyl phthalate	3330	3270		ug/Kg		98	66 - 120	0	30
4,6-Dinitro-2-methylphenol	6670	6570		ug/Kg		99	50 - 136	2	30
2,4-Dinitrophenol	6670	5320		ug/Kg		80	36 - 129	1	30
2,4-Dinitrotoluene	3330	3250		ug/Kg		98	65 - 124	2	30
2,6-Dinitrotoluene	3330	3200		ug/Kg		96	67 - 121	4	30
Di-n-octyl phthalate	3330	4060		ug/Kg		122	65 - 133	4	30
1,4-Dioxane	3330	1730		ug/Kg		52	21 - 120	0	30
Fluoranthene	3330	3340		ug/Kg		100	61 - 120	0	30
Fluorene	3330	3450		ug/Kg		103	60 - 120	5	30
Hexachlorobenzene	3330	2450		ug/Kg		73	66 - 120	3	30
Hexachlorobutadiene	3330	2860		ug/Kg		86	62 - 120	4	30
Hexachlorocyclopentadiene	3330	2590		ug/Kg		78	38 - 120	3	30
Hexachloroethane	3330	2720		ug/Kg		82	61 - 120	4	30
Indeno[1,2,3-cd]pyrene	3330	3260		ug/Kg		98	62 - 130	5	30
Isophorone	3330	2820		ug/Kg		84	67 - 120	5	30
2-Methylnaphthalene	3330	2800		ug/Kg		84	64 - 120	4	30
2-Methylphenol	3330	2970		ug/Kg		89	63 - 120	7	30
Methylphenol, 3 & 4	3330	3050		ug/Kg		92	61 - 120	6	30
Naphthalene	3330	2960		ug/Kg		89	63 - 120	3	30
2-Nitroaniline	3330	3360		ug/Kg		101	48 - 120	2	30
3-Nitroaniline	3330	2110	*1	ug/Kg		63	39 - 122	35	30
4-Nitroaniline	3330	2740		ug/Kg		82	55 - 120	3	30
Nitrobenzene	3330	2840		ug/Kg		85	63 - 120	6	30
2-Nitrophenol	3330	2760		ug/Kg		83	64 - 120	4	30
4-Nitrophenol	6670	5800		ug/Kg		87	52 - 123	3	30
N-Nitrosodi-n-propylamine	3330	3010		ug/Kg		90	61 - 120	5	30
N-Nitrosodiphenylamine	3330	3060		ug/Kg		92	63 - 120	4	30
2,2'-oxybis[1-chloropropane]	3330	3290		ug/Kg		99	49 - 126	5	30
Pentachlorophenol	6670	4860		ug/Kg		73	37 - 126	1	30
Phenanthrene	3330	3270		ug/Kg		98	66 - 120	3	30
Phenol	3330	2980		ug/Kg		89	63 - 120	10	30
Pyrene	3330	3430		ug/Kg		103	61 - 121	8	30
1,2,4,5-Tetrachlorobenzene	3330	3270		ug/Kg		98	60 - 120	5	30
2,3,4,6-Tetrachlorophenol	3330	3260		ug/Kg		98	54 - 120	2	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-878467/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878553 **Prep Batch: 878467**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol			3330	3110		ug/Kg		93	59 - 120	3	30
2,4,6-Trichlorophenol			3330	3070		ug/Kg		92	58 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*86*		*22 - 122*
2-Fluorophenol (Surr)	*79*		*18 - 123*
Nitrobenzene-d5 (Surr)	*80*		*16 - 125*
Phenol-d5 (Surr)	*86*		*23 - 120*
Terphenyl-d14 (Surr)	*88*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 123*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-418114/1-C **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 419023 **Prep Batch: 418114**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		11/14/22 10:35	11/24/22 01:13	1
PCB-1221	ND		17	5.9	ug/Kg		11/14/22 10:35	11/24/22 01:13	1
PCB-1232	ND		17	4.1	ug/Kg		11/14/22 10:35	11/24/22 01:13	1
PCB-1242	ND		17	2.4	ug/Kg		11/14/22 10:35	11/24/22 01:13	1
PCB-1248	ND		17	4.0	ug/Kg		11/14/22 10:35	11/24/22 01:13	1
PCB-1254	ND		17	5.0	ug/Kg		11/14/22 10:35	11/24/22 01:13	1
PCB-1260	ND		17	4.7	ug/Kg		11/14/22 10:35	11/24/22 01:13	1
PCB-1262	ND		17	5.9	ug/Kg		11/14/22 10:35	11/24/22 01:13	1
PCB-1268	ND		17	2.2	ug/Kg		11/14/22 10:35	11/24/22 01:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*93*		*63 - 138*	*11/14/22 10:35*	*11/24/22 01:13*	*1*
DCB Decachlorobiphenyl (Surr)	*93*		*63 - 138*	*11/14/22 10:35*	*11/24/22 01:13*	*1*
Tetrachloro-m-xylene (Surr)	*98*		*55 - 135*	*11/14/22 10:35*	*11/24/22 01:13*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*	*11/14/22 10:35*	*11/24/22 01:13*	*1*

Lab Sample ID: LCS 180-418114/2-C **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 419023 **Prep Batch: 418114**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016			1330	1210		ug/Kg		90	43 - 136
PCB-1260			1330	1280		ug/Kg		96	55 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*95*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*99*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*95*		*55 - 135*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-147751-20 MS — **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 419023 — **Prep Batch: 418114**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		1440	1170		ug/Kg	☼	81	43 - 136
PCB-1260	ND		1440	1340		ug/Kg	☼	93	55 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*87*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*86*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*85*		*55 - 135*

Lab Sample ID: 180-147751-20 MSD — **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 419023 — **Prep Batch: 418114**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1440	1280		ug/Kg	☼	89	43 - 136	9	40
PCB-1260	ND		1440	1360		ug/Kg	☼	95	55 - 128	1	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*87*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*89*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*97*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-551846/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552135 — **Prep Batch: 551846**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.3	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Antimony	ND		2.0	0.36	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Arsenic	ND		1.5	0.32	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Barium	ND		20	0.36	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Beryllium	ND		0.50	0.054	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Cadmium	ND		0.50	0.048	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Calcium	ND		500	36	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Chromium	ND		1.0	0.34	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Cobalt	ND		1.0	0.20	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Copper	ND		2.5	0.24	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Iron	ND		20	6.9	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Lead	ND		1.0	0.28	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Magnesium	ND		500	46	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Manganese	ND		1.5	1.1	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Nickel	ND		4.0	0.23	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Potassium	ND		500	79	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Selenium	ND		2.0	0.47	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Silver	ND		1.0	0.081	mg/Kg		11/14/22 15:00	11/15/22 11:09	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-551846/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552135 **Prep Batch: 551846**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		500	63	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Thallium	ND		2.0	0.40	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Vanadium	ND		5.0	0.82	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Zinc	ND		5.0	1.4	mg/Kg		11/14/22 15:00	11/15/22 11:09	1

Lab Sample ID: LCS 240-551846/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552135 **Prep Batch: 551846**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	1000	917		mg/Kg		92	80 - 120
Antimony	100	99.9		mg/Kg		100	80 - 120
Arsenic	200	191		mg/Kg		95	80 - 120
Barium	200	176		mg/Kg		88	80 - 120
Beryllium	100	95.6		mg/Kg		96	80 - 120
Cadmium	100	96.2		mg/Kg		96	80 - 120
Calcium	5000	4590		mg/Kg		92	80 - 120
Chromium	100	93.5		mg/Kg		94	80 - 120
Cobalt	100	94.1		mg/Kg		94	80 - 120
Copper	100	91.3		mg/Kg		91	80 - 120
Iron	1000	914		mg/Kg		91	80 - 120
Lead	100	90.8		mg/Kg		91	80 - 120
Magnesium	5000	4580		mg/Kg		92	80 - 120
Manganese	100	91.5		mg/Kg		91	80 - 120
Nickel	100	94.8		mg/Kg		95	80 - 120
Potassium	5000	4580		mg/Kg		92	80 - 120
Selenium	200	189		mg/Kg		94	80 - 120
Silver	10.0	9.83		mg/Kg		98	80 - 120
Sodium	5000	4630		mg/Kg		93	80 - 120
Thallium	200	183		mg/Kg		92	80 - 120
Vanadium	100	94.2		mg/Kg		94	80 - 120
Zinc	100	95.7		mg/Kg		96	80 - 120

Lab Sample ID: MB 240-551863/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552132 **Prep Batch: 551863**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.3	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Antimony	ND		2.0	0.36	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Arsenic	ND		1.5	0.32	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Barium	ND		20	0.36	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Beryllium	ND		0.50	0.054	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Cadmium	ND		0.50	0.048	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Calcium	ND		500	36	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Chromium	ND		1.0	0.34	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Cobalt	ND		1.0	0.20	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Copper	ND		2.5	0.24	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Iron	ND		20	6.9	mg/Kg		11/14/22 15:00	11/15/22 09:53	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-551863/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552132 **Prep Batch: 551863**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		1.0	0.28	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Magnesium	ND		500	46	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Manganese	ND		1.5	1.1	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Nickel	ND		4.0	0.23	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Potassium	ND		500	79	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Selenium	ND		2.0	0.47	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Silver	ND		1.0	0.081	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Sodium	ND		500	63	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Thallium	ND		2.0	0.40	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Vanadium	ND		5.0	0.82	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Zinc	ND		5.0	1.4	mg/Kg		11/14/22 15:00	11/15/22 09:53	1

Lab Sample ID: LCS 240-551863/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552132 **Prep Batch: 551863**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	1000	950		mg/Kg		95	80 - 120
Antimony	100	102		mg/Kg		102	80 - 120
Arsenic	200	197		mg/Kg		98	80 - 120
Barium	200	182		mg/Kg		91	80 - 120
Beryllium	100	97.3		mg/Kg		97	80 - 120
Cadmium	100	96.2		mg/Kg		96	80 - 120
Calcium	5000	4720		mg/Kg		94	80 - 120
Chromium	100	93.7		mg/Kg		94	80 - 120
Cobalt	100	97.3		mg/Kg		97	80 - 120
Copper	100	92.4		mg/Kg		92	80 - 120
Iron	1000	949		mg/Kg		95	80 - 120
Lead	100	91.5		mg/Kg		92	80 - 120
Magnesium	5000	4670		mg/Kg		93	80 - 120
Manganese	100	92.4		mg/Kg		92	80 - 120
Nickel	100	98.5		mg/Kg		98	80 - 120
Potassium	5000	4700		mg/Kg		94	80 - 120
Selenium	200	198		mg/Kg		99	80 - 120
Silver	10.0	9.80		mg/Kg		98	80 - 120
Sodium	5000	4780		mg/Kg		96	80 - 120
Thallium	200	193		mg/Kg		97	80 - 120
Vanadium	100	95.9		mg/Kg		96	80 - 120
Zinc	100	99.2		mg/Kg		99	80 - 120

Lab Sample ID: 180-147751-20 MS **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552132 **Prep Batch: 551863**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8100		960	11100	4	mg/Kg	☼	314	75 - 125
Antimony	0.78	J F1	96.0	34.4	F1	mg/Kg	☼	35	75 - 125
Arsenic	8.6		192	170		mg/Kg	☼	84	75 - 125
Barium	110		192	269		mg/Kg	☼	83	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-147751-20 MS **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552132 **Prep Batch: 551863**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.45	J	96.0	81.2		mg/Kg	☼	84	75 - 125
Cadmium	0.42	J	96.0	80.6		mg/Kg	☼	84	75 - 125
Calcium	3000		4800	7050		mg/Kg	☼	85	75 - 125
Chromium	11		96.0	89.8		mg/Kg	☼	82	75 - 125
Cobalt	7.6		96.0	99.3		mg/Kg	☼	96	75 - 125
Copper	22		96.0	100		mg/Kg	☼	81	75 - 125
Iron	15000		960	16400	4	mg/Kg	☼	99	75 - 125
Lead	84	F1	96.0	155	F1	mg/Kg	☼	74	75 - 125
Magnesium	2100		4800	6060		mg/Kg	☼	83	75 - 125
Manganese	460		96.0	540	4	mg/Kg	☼	85	75 - 125
Nickel	18		96.0	112		mg/Kg	☼	98	75 - 125
Potassium	1200		4800	5490		mg/Kg	☼	90	75 - 125
Selenium	0.75	J	192	163		mg/Kg	☼	85	75 - 125
Silver	0.12	J	9.60	8.26		mg/Kg	☼	85	75 - 125
Sodium	74	J	4800	4000		mg/Kg	☼	82	75 - 125
Thallium	ND		192	175		mg/Kg	☼	91	75 - 125
Vanadium	13		96.0	94.4		mg/Kg	☼	85	75 - 125
Zinc	200		96.0	301		mg/Kg	☼	110	75 - 125

Lab Sample ID: 180-147751-20 MSD **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552132 **Prep Batch: 551863**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	8100		960	10900	4	mg/Kg	☼	295	75 - 125	2	20
Antimony	0.78	J F1	96.0	37.7	F1	mg/Kg	☼	39	75 - 125	9	20
Arsenic	8.6		192	169		mg/Kg	☼	84	75 - 125	0	20
Barium	110		192	270		mg/Kg	☼	83	75 - 125	0	20
Beryllium	0.45	J	96.0	80.8		mg/Kg	☼	84	75 - 125	0	20
Cadmium	0.42	J	96.0	80.1		mg/Kg	☼	83	75 - 125	1	20
Calcium	3000		4800	7380		mg/Kg	☼	92	75 - 125	5	20
Chromium	11		96.0	89.9		mg/Kg	☼	82	75 - 125	0	20
Cobalt	7.6		96.0	98.8		mg/Kg	☼	95	75 - 125	1	20
Copper	22		96.0	101		mg/Kg	☼	82	75 - 125	0	20
Iron	15000		960	16100	4	mg/Kg	☼	67	75 - 125	2	20
Lead	84	F1	96.0	154	F1	mg/Kg	☼	73	75 - 125	1	20
Magnesium	2100		4800	6000		mg/Kg	☼	82	75 - 125	1	20
Manganese	460		96.0	539	4	mg/Kg	☼	85	75 - 125	0	20
Nickel	18		96.0	111		mg/Kg	☼	97	75 - 125	1	20
Potassium	1200		4800	5500		mg/Kg	☼	90	75 - 125	0	20
Selenium	0.75	J	192	162		mg/Kg	☼	84	75 - 125	1	20
Silver	0.12	J	9.60	8.23		mg/Kg	☼	84	75 - 125	0	20
Sodium	74	J	4800	4010		mg/Kg	☼	82	75 - 125	0	20
Thallium	ND		192	174		mg/Kg	☼	91	75 - 125	0	20
Vanadium	13		96.0	93.6		mg/Kg	☼	84	75 - 125	1	20
Zinc	200		96.0	305		mg/Kg	☼	114	75 - 125	1	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-551848/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552195 — **Prep Batch: 551848**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		11/14/22 15:00	11/15/22 13:38	1

Lab Sample ID: LCS 240-551848/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552195 — **Prep Batch: 551848**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.833	0.837		mg/Kg		100	80 - 120		

Lab Sample ID: MB 240-551864/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552195 — **Prep Batch: 551864**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		11/14/22 15:00	11/15/22 14:38	1

Lab Sample ID: LCS 240-551864/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552195 — **Prep Batch: 551864**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.833	0.831		mg/Kg		100	80 - 120		

Lab Sample ID: 180-147751-20 MS — **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552195 — **Prep Batch: 551864**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.12		0.178	0.298		mg/Kg	☼	100	80 - 120		

Lab Sample ID: 180-147751-20 MSD — **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552195 — **Prep Batch: 551864**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.12		0.178	0.297		mg/Kg	☼	99	80 - 120	0	20

Method: Moisture - Percent Moisture

Lab Sample ID: 180-147751-20 DU — **Client Sample ID: SSHS-IRM5A2-SCV67-0-0.17**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 877451

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	7.8			13.5	F3	%				54	20
Percent Solids	92.2			86.5		%				6	20

GC/MS VOA

Prep Batch: 877522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	5035	
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	5035	
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	5035	
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	5035	
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	5035	
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	5035	
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	5035	
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	5035	
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	5035	
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	5035	
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	5035	
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	5035	
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	5035	
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	5035	
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	5035	
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	5035	
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	5035	
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	5035	
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	5035	
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	5035	
180-147751-20 MS	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	5035	
180-147751-20 MSD	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	5035	

Analysis Batch: 877885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	8260D	877522
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	8260D	877522
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	8260D	877522
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	8260D	877522
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	8260D	877522
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	8260D	877522
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	8260D	877522
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	8260D	877522
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	8260D	877522
MB 460-877885/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-877885/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-877885/5	Lab Control Sample Dup	Total/NA	Solid	8260D	
180-147751-20 MS	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	8260D	877522
180-147751-20 MSD	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	8260D	877522

Analysis Batch: 878277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	8260D	877522
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	8260D	877522
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	8260D	877522
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	8260D	877522
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	8260D	877522
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	8260D	877522
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	8260D	877522
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	8260D	877522
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	8260D	877522

GC/MS VOA (Continued)

Analysis Batch: 878277 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	8260D	877522
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	8260D	877522
MB 460-878277/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-878277/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-878277/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 878070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3546	
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	3546	
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	3546	
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	3546	
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	3546	
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	3546	
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	3546	
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	3546	
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	3546	
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	3546	
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	3546	
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	3546	
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	3546	
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	3546	
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	3546	
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	3546	
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	3546	
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	3546	
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3546	
MB 460-878070/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-878070/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-878070/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
180-147751-20 MS	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3546	
180-147751-20 MSD	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3546	

Analysis Batch: 878252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	8270E	878070
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	8270E	878070
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	8270E	878070
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	8270E	878070
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	8270E	878070
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	8270E	878070
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	8270E	878070
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	8270E	878070
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	8270E	878070
MB 460-878070/1-A	Method Blank	Total/NA	Solid	8270E	878070
LCS 460-878070/2-A	Lab Control Sample	Total/NA	Solid	8270E	878070
LCSD 460-878070/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	878070
180-147751-20 MS	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	8270E	878070
180-147751-20 MSD	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	8270E	878070

GC/MS Semi VOA

Analysis Batch: 878431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	8270E	878070
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	8270E	878070
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	8270E	878070
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	8270E	878070
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	8270E	878070
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	8270E	878070
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	8270E	878070

Prep Batch: 878467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	3546	
MB 460-878467/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-878467/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-878467/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 878502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	8270E	878070
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	8270E	878070
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	8270E	878070

Analysis Batch: 878553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	8270E	878467
MB 460-878467/1-A	Method Blank	Total/NA	Solid	8270E	878467
LCS 460-878467/2-A	Lab Control Sample	Total/NA	Solid	8270E	878467
LCSD 460-878467/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	878467

GC Semi VOA

Prep Batch: 418114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3541	
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	3541	
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	3541	
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	3541	
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	3541	
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	3541	
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	3541	
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	3541	
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	3541	
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	3541	
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	3541	
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	3541	
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	3541	
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	3541	
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	3541	
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	3541	
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	3541	
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	3541	
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	3541	

GC Semi VOA (Continued)

Prep Batch: 418114 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3541	
MB 180-418114/1-C	Method Blank	Total/NA	Solid	3541	
LCS 180-418114/2-C	Lab Control Sample	Total/NA	Solid	3541	
180-147751-20 MS	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3541	
180-147751-20 MSD	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3541	

Cleanup Batch: 418713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3665A	418114
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	3665A	418114
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	3665A	418114
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	3665A	418114
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	3665A	418114
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	3665A	418114
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	3665A	418114
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	3665A	418114
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	3665A	418114
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	3665A	418114
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	3665A	418114
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	3665A	418114
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	3665A	418114
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	3665A	418114
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	3665A	418114
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	3665A	418114
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	3665A	418114
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	3665A	418114
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	3665A	418114
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3665A	418114
MB 180-418114/1-C	Method Blank	Total/NA	Solid	3665A	418114
LCS 180-418114/2-C	Lab Control Sample	Total/NA	Solid	3665A	418114
180-147751-20 MS	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3665A	418114
180-147751-20 MSD	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3665A	418114

Cleanup Batch: 418714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3660B	418713
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	3660B	418713
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	3660B	418713
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	3660B	418713
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	3660B	418713
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	3660B	418713
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	3660B	418713
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	3660B	418713
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	3660B	418713
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	3660B	418713
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	3660B	418713
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	3660B	418713
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	3660B	418713
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	3660B	418713
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	3660B	418713
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	3660B	418713

GC Semi VOA (Continued)

Cleanup Batch: 418714 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	3660B	418713
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	3660B	418713
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	3660B	418713
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3660B	418713
MB 180-418114/1-C	Method Blank	Total/NA	Solid	3660B	418713
LCS 180-418114/2-C	Lab Control Sample	Total/NA	Solid	3660B	418713
180-147751-20 MS	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3660B	418713
180-147751-20 MSD	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3660B	418713

Analysis Batch: 419023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	EPA 8082A	418714
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	EPA 8082A	418714
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	EPA 8082A	418714
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	EPA 8082A	418714
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	EPA 8082A	418714
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	EPA 8082A	418714
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	EPA 8082A	418714
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	EPA 8082A	418714
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	EPA 8082A	418714
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	EPA 8082A	418714
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	EPA 8082A	418714
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	EPA 8082A	418714
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	EPA 8082A	418714
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	EPA 8082A	418714
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	EPA 8082A	418714
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	EPA 8082A	418714
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	EPA 8082A	418714
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	EPA 8082A	418714
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	EPA 8082A	418714
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	EPA 8082A	418714
MB 180-418114/1-C	Method Blank	Total/NA	Solid	EPA 8082A	418714
LCS 180-418114/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	418714
180-147751-20 MS	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	EPA 8082A	418714
180-147751-20 MSD	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	EPA 8082A	418714

Metals

Prep Batch: 551846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	3050B	
MB 240-551846/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-551846/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 551848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	7471B	
MB 240-551848/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-551848/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Metals

Prep Batch: 551863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3050B	
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	3050B	
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	3050B	
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	3050B	
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	3050B	
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	3050B	
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	3050B	
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	3050B	
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	3050B	
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	3050B	
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	3050B	
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	3050B	
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	3050B	
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	3050B	
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	3050B	
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	3050B	
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	3050B	
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	3050B	
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3050B	
MB 240-551863/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-551863/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-147751-20 MS	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3050B	
180-147751-20 MSD	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	3050B	

Prep Batch: 551864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	7471B	
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	7471B	
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	7471B	
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	7471B	
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	7471B	
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	7471B	
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	7471B	
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	7471B	
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	7471B	
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	7471B	
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	7471B	
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	7471B	
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	7471B	
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	7471B	
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	7471B	
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	7471B	
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	7471B	
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	7471B	
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	7471B	
MB 240-551864/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-551864/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-147751-20 MS	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	7471B	
180-147751-20 MSD	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	7471B	

Metals

Analysis Batch: 552132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	6010D	551863
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	6010D	551863
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	6010D	551863
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	6010D	551863
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	6010D	551863
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	6010D	551863
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	6010D	551863
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	6010D	551863
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	6010D	551863
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	6010D	551863
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	6010D	551863
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	6010D	551863
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	6010D	551863
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	6010D	551863
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	6010D	551863
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	6010D	551863
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	6010D	551863
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	6010D	551863
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	6010D	551863
MB 240-551863/1-A	Method Blank	Total/NA	Solid	6010D	551863
LCS 240-551863/2-A	Lab Control Sample	Total/NA	Solid	6010D	551863
180-147751-20 MS	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	6010D	551863
180-147751-20 MSD	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	6010D	551863

Analysis Batch: 552135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	6010D	551846
MB 240-551846/1-A	Method Blank	Total/NA	Solid	6010D	551846
LCS 240-551846/2-A	Lab Control Sample	Total/NA	Solid	6010D	551846

Analysis Batch: 552195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	7471B	551864
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	7471B	551864
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	7471B	551864
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	7471B	551864
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	7471B	551864
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	7471B	551864
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	7471B	551864
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	7471B	551864
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	7471B	551864
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	7471B	551864
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	7471B	551864
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	7471B	551864
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	7471B	551864
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	7471B	551864
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	7471B	551864
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	7471B	551864
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	7471B	551864
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	7471B	551848
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	7471B	551864

Metals (Continued)

Analysis Batch: 552195 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	7471B	551864
MB 240-551848/1-A	Method Blank	Total/NA	Solid	7471B	551848
MB 240-551864/1-A	Method Blank	Total/NA	Solid	7471B	551864
LCS 240-551848/2-A	Lab Control Sample	Total/NA	Solid	7471B	551848
LCS 240-551864/2-A	Lab Control Sample	Total/NA	Solid	7471B	551864
180-147751-20 MS	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	7471B	551864
180-147751-20 MSD	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	7471B	551864

General Chemistry

Analysis Batch: 877451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147751-1	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	Moisture	
180-147751-2	SSHS-IRM5A2-SCV82-0.17-1	Total/NA	Solid	Moisture	
180-147751-3	SSHS-IRM5A2-SCV82-1-2	Total/NA	Solid	Moisture	
180-147751-4	SSHS-IRM5A2-SCV83-0-0.17	Total/NA	Solid	Moisture	
180-147751-5	SSHS-IRM5A2-SCV83-0.17-1	Total/NA	Solid	Moisture	
180-147751-6	SSHS-IRM5A2-SCV83-1-2	Total/NA	Solid	Moisture	
180-147751-7	SSHS-IRM5A2-SCV84-0-0.17	Total/NA	Solid	Moisture	
180-147751-8	SSHS-IRM5A2-SCV84-0.17-1	Total/NA	Solid	Moisture	
180-147751-9	SSHS-IRM5A2-SCV84-1-2	Total/NA	Solid	Moisture	
180-147751-10	SSHS-IRM5A2-SCV85-0-0.17	Total/NA	Solid	Moisture	
180-147751-11	SSHS-IRM5A2-SCV-DUP1	Total/NA	Solid	Moisture	
180-147751-12	SSHS-IRM5A2-SCV85-0.17-1	Total/NA	Solid	Moisture	
180-147751-13	SSHS-IRM5A2-SCV85-1-2	Total/NA	Solid	Moisture	
180-147751-14	SSHS-IRM5A2-SCV74-0-0.17	Total/NA	Solid	Moisture	
180-147751-15	SSHS-IRM5A2-SCV74-0.17-1	Total/NA	Solid	Moisture	
180-147751-16	SSHS-IRM5A2-SCV74-1-2	Total/NA	Solid	Moisture	
180-147751-17	SSHS-IRM5A2-SCV66-0-0.17	Total/NA	Solid	Moisture	
180-147751-18	SSHS-IRM5A2-SCV66-0.17-1	Total/NA	Solid	Moisture	
180-147751-19	SSHS-IRM5A2-SCV66-1-2	Total/NA	Solid	Moisture	
180-147751-20	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	Moisture	
180-147751-20 DU	SSHS-IRM5A2-SCV67-0-0.17	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s)	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV82-0-0.17	11/10/22	1330	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV82-0.17-1	11/10/22	1335	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV82-1-2	11/10/22	1340	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-0-0.17	11/10/22	1345	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-0.17-1	11/10/22	1350	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-1-2	11/10/22	1355	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV84-0-0.07	11/10/22	1400	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV84-0 17-1	11/10/22	1405	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV84-1-2	11/10/22	1410	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV85-0-0.17	11/10/22	1415	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP1	11/10/22	–	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV85-0.17-1	11/10/22	1420	G	S	N	N	X	X	X	X	X	X							9	

180-147751 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Miranda Mann	11/10/22/1800	Geosyntec		11/11/22 0900	EPA
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s)	COC No 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV85-1-2	11/10/22	1425	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV74-0-0.17	11/10/22	1430	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV74-0.17-1	11/10/22	1435	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV74-1-2	11/10/22	1440	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV66-0-0.17	11/10/22	1445	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV66-0.17-1	11/10/22	1450	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV66-1-2	11/10/22	1455	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV67-0-0.17	11/10/22	1500	G	S	N	Y	X	X	X	X										18	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Miranda Adler	Date/Time: 11/10/22/1800	Company: Geosyntec	Received by:	Date/Time: 11/11/22 0900	Company: E P.tt
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

11/30/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

0.2/09

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

180-147751 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV82-0-0.17	11/10/22	1330	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV82-0.17-1	11/10/22	1335	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV82-1-2	11/10/22	1340	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-0-0.17	11/10/22	1345	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-0.17-1	11/10/22	1350	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-1-2	11/10/22	1355	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV84-0-0.07	11/10/22	1400	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV84-0.17-1	11/10/22	1405	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV84-1-2	11/10/22	1410	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV85-0-0.17	11/10/22	1415	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP1	11/10/22	--	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV85-0.17-1	11/10/22	1420	G	S	N	N	X	X	X	X	X	X							9	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Miranda Allen	Date/Time: 11/10/22/1800	Company: Geosyntec	Received by: [signature] Date/Time: 11-11-22 10:25 Company: BA
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

11/30/2022

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Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS									Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N										
SSHS-IRM5A2-SCV85-1-2	11/10/22	1425	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV74-0-0.17	11/10/22	1430	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV74-0.17-1	11/10/22	1435	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV74-1-2	11/10/22	1440	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV66-0-0.17	11/10/22	1445	G	S	N	N	X	X	X	X	X	X									9	
SSHS-IRM5A2-SCV66-0.17-1	11/10/22	1450	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV66-1-2	11/10/22	1455	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV67-0-0.17	11/10/22	1500	G	S	N	Y	X	X	X	X											18	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Miranda Jackson	11/10/22/1800	Geosyntec		11-11-22 10:25	EA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

11/30/2022

Eurofins - Canton Sample Receipt Form/Narrative Login # :_____
Barberton Facility

Client Geosyntec Site Name_____ Cooler unpacked by: Charlie

Cooler Received on 11-11-22 Opened on 11-11-22

FedEx: 1st Grd (Exp) UPS FAS Clipper Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time_____ Storage Location_____

Eurofins Cooler # 11X Foam Box Client Cooler Box Other_____

Packing material used: ~~Bubble Wrap~~ Foam ~~Plastic Bag~~ None Other_____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. 0.2 °C Corrected Cooler Temp. 0.9 °C
   IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp._____ °C Corrected Cooler Temp._____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	(Yes)	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	(Yes)	No NA
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes)	No
7. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
11. Sufficient quantity received to perform indicated analyses?	(Yes)	No
12. Are these work share samples and all listed on the COC?	Yes	(No)
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No (NA) pH Strip Lot# HC286791
14. Were VOAs on the COC?	Yes	(No)
15. Were air bubbles >6 mm in any VOA vials? ● ⇐ Larger than this.	Yes	(No) NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	(No)
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	(No)

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

180-147751 Chain of Custody

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV82-0-0.17	11/10/22	1330	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV82-0.17-1	11/10/22	1335	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV82-1-2	11/10/22	1340	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV83-0-0.17	11/10/22	1345	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV83-0.17-1	11/10/22	1350	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV83-1-2	11/10/22	1355	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV84-0-0.07	11/10/22	1400	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV84-0.17-1	11/10/22	1405	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV84-1-2	11/10/22	1410	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV85-0-0.17	11/10/22	1415	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP1	11/10/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV85-0.17-1	11/10/22	1420	G	S	N	N	X	X	X	X	X	X	9	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Miranda Miller	Date/Time: 11/10/22/1800	Company: Geosyntec	Received by: Austin Marler	Date/Time: 11-11-22 9:30am	Company EETSAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: 1903884 | Cooler Temperature(s) °C and Other Remarks: 2.8

① ID: SSHS-IRM5A2-FL-SCV82-0-0.17 Between IRM5A2-FL and IRM5A2-FL-SCV82-0.17-1

② ID: SSHS-IRM5A2-FL-SCV85-0-0.17

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11/30/2022

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N									
SSHS-IRM5A2-SCV85-1-2	11/10/22	1425	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV74-0-0.17	11/10/22	1430	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV74-0.17-1	11/10/22	1435	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV74-1-2	11/10/22	1440	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV66-0-0.17	11/10/22	1445	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV66-0.17-1	11/10/22	1450	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV66-1-2	11/10/22	1455	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV67-0-0.17	11/10/22	1500	G	S	N	Y	X	X	X	X										18	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Miranda Miller	Date/Time: 11/10/22/1800	Company: Geosyntec	Received by: Austin Marler
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Received by: Austin Marler	Date/Time: 11-11-22 9:30am	Company: EETSAC		
Received by:	Date/Time:	Company		
Received by:	Date/Time:	Company		

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 190288 4 | Cooler Temperature(s) °C and Other Remarks: 2.8

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

180-147751

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV82-0-0.17	11/10/22	1330	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV82-0.17-1	11/10/22	1335	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV82-1-2	11/10/22	1340	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-0-0.17	11/10/22	1345	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-0.17-1	11/10/22	1350	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV83-1-2	11/10/22	1355	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV84-0-0.07	11/10/22	1400	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV84-0.17-1	11/10/22	1405	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV84-1-2	11/10/22	1410	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV85-0-0.17	11/10/22	1415	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP1	11/10/22	--	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV85-0.17-1	11/10/22	1420	G	S	N	N	X	X	X	X	X	X							9	

180-147751 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Miranda Allen	Date/Time: 11/10/22/1800	Company: Geosyntec	Received by: Fedex
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time	Company
11/11/22 1030	FEDEX

Custody Seals Intact: ∆ Yes ∆ No

Custody Seal No.: 1976476 1903581 1903577 / 1976478 1903877

Cooler Temperature(s) °C and Other Remarks: 5.4°C 5.4C 3.0°C 3.0C 5.7°C 5.7°C / 3.4°C 3.4°C 5.4°C 5.4°C

Ver: 01/16/2019

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11/30/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

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Environment Testing
TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV85-1-2	11/10/22	1425	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV74-0-0.17	11/10/22	1430	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV74-0.17-1	11/10/22	1435	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV74-1-2	11/10/22	1440	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV66-0-0.17	11/10/22	1445	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV66-0.17-1	11/10/22	1450	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV66-1-2	11/10/22	1455	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV67-0-0.17	11/10/22	1500	G	S	N	Y	X	X	X	X									18	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Miranda Miller	Date/Time: 11/10/22/1800	Company: Geosyntec	Received by: Fedex	Date/Time: 11/11/22 1030	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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11/30/2022

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 180-147751

Number of Coolers: 5 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.4 °C	3.4 °C	Cooler #4:	3.4 °C	3.4 °C	Cooler #7:	°C	°C
Cooler #2:	3.0 °C	3.0 °C	Cooler #5:	5.4 °C	5.4 °C	Cooler #8:	°C	°C
Cooler #3:	5.7 °C	5.7 °C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ **Date:** 11/11/22

eurofins | Environment Testing TestAmerica

Sacramento
Sample Receiving Notes

180-147751 Field Sheet

Job: _____

Tracking # : 7703 9779 2809

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: L-09 Corr. Factor: (+ / -) +1 °C

Ice ✓ Wet ✓ Gel _____ Other _____

Cooler Custody Seal: 1903464

Cooler ID: —

Temp Observed: 2.7 °C Corrected: 2.7 2.8 °C

From: Temp Blank ☐ Sample ☒ SO 11-11-22

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: AJM Date: 11-11-22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☐	☑	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SO Date: 11-11-22

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☑	☐	☐
Log Release checked in TALS?	☐	☐	☑

Initials: SO Date: 11-12-22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147751-1

Login Number: 147751
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147751-1

Login Number: 147751
List Number: 3
Creator: Sgro, Angela M

List Source: Eurofins Edison
List Creation: 11/11/22 05:21 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	1976476/4787 1903881/877/876
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	3.4/3.4; 3.0/3.0; 5.7/5.7; 3.4/3.4/ 5.4/5.4
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 12/1/2022 5:12:28 PM

JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-147901-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
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Job ID: 180-147901-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-147901-1

Receipt
The samples were received on 11/15/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.8º C, 4.5º C, 4.7º C, 5.2º C and 5.8º C.

GC/MS VOA
Method 8260D: Internal standard (ISTD) response for 1,4-Dioxane-d8 for the following sample was outside of acceptance criteria: SSHS-IRM5A2-SCV26-0-0.5 (180-147901-1). As the corresponding target analyte, 1,4-Dioxane, was not detected in the sample, the results were reported.

Method 8260D: The recovery of surrogate 1,2-Dichloroethane-d4 for the following samples was above the control limits: SSHS-IRM5A2-SCV30-0.5-1 (180-147901-10) and SSHS-IRM5A2-SCV25-0-0.5 (180-147901-12). The laboratory's SOP allows one of the four surrogates to be outside acceptance criteria without performing re-analysis.

Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV22-0-0.5 (180-147901-19) had several recoveries outside of the control limits. The RPDs between the spikes and the recoveries of the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) were within the control limits.

Method 8260D: The laboratory control sample duplicate (LCSD) for batch 460-879129 recovered above the control limits for the following analyte: 1,2-Dichloropropane. As this analyte was biased high in the LCSD and was not detected in the associated samples, the results were reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-879057 was above criteria for the following analyte: Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for preparation batch 460-878616 recovered above the control limits for the following analytes: 2,4-Dinitrophenol, Atrazine, and/or Indeno[1,2,3-cd]pyrene. Qualified results have been reported.

Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV22-0-0.5 (180-147901-19) had the recoveries of Indeno[1,2,3-cd]pyrene above the control limits. The RPDs between the spikes were within the control limits.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878502 was below criteria for the following analyte: Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878743 was below criteria for the following analyte: Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878743 was above criteria for the following analytes: 3,3'-Dichlorobenzidine, 2,4-Dinitrophenol, Indeno[1,2,3-cd]pyrene, 2,6-Dinitrotoluene, Benzo[b]fluoranthene, Atrazine, and 2-Nitrophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Job ID: 180-147901-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8082A: Samples SSHS-IRM5A2-SCV28-0.5-1 (180-147901-6), SSHS-IRM5A2-SCV29-0-0.5 (180-147901-7), SSHS-IRM5A2-SCV29-0.5-1 (180-147901-8), SSHS-IRM5A2-SCV30-0-0.5 (180-147901-9), SSHS-IRM5A2-SCV30-0.5-1 (180-147901-10), SSHS-IRM5A2-DUP5 (180-147901-18), SSHS-IRM5A2-SCV22-0-0.5 (180-147901-19) and the matrix spike duplicate of SSHS-IRM5A2-SCV22-0-0.5 (180-147901-19) had the recoveries of surrogate decachlorobiphenyl above the control limits on one or both columns. The recoveries of tetrachloro-m-xylene were within the control limits.

Method 8082A: The matrix spike/matrix spike duplicate (MS/MSD) recoveries of sample SSHS-IRM5A2-SCV22-0-0.5 (180-147901-19) were below the control limits for aroclor 1260. The RPD between the spikes and the recoveries of the laboratory control sample (LCS) were within the control limits.

Method 8082A: The continuing calibration verifications (CCV) analyzed in batch 180-419183 (CCVIS 180-419183/5 and CCVIS 180-419183/26) were above criteria for aroclor 1016 on both columns. As the CCVs were high and aroclor 1016 was not detected in the associated samples, the results were reported.

Method 8082A: The continuing calibration verifications (CCV) analyzed in batch 180-419183 (CCVIS 180-419183/5 and CCVIS 180-419183/26) were above criteria for aroclor 1260 on column RTX-CLP1. Associated positive sample results for aroclor 1260 were reported from column RTX-CLP2 which met criteria.

Method 8082A: The continuing calibration verifications (CCV) analyzed in batch 180-419183 (CCVIS 180-419183/5 and CCVIS 180-419183/26) were above criteria for surrogates decachlorobiphenyl and/or tetrachloro-m-xylene on both columns.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV22-0-0.5 (180-147901-19) had the recoveries of antimony below the control limits. The RPD between the spikes and the recovery of the laboratory control sample were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	11-30-22

Laboratory: Eurofins Canton

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	04-01-23

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Sample Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Solid	11/14/22 14:00	11/15/22 09:00
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Solid	11/14/22 14:05	11/15/22 09:00
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Solid	11/14/22 14:10	11/15/22 09:00
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Solid	11/14/22 14:15	11/15/22 09:00
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Solid	11/14/22 14:20	11/15/22 09:00
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Solid	11/14/22 14:25	11/15/22 09:00
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Solid	11/14/22 14:30	11/15/22 09:00
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Solid	11/14/22 14:35	11/15/22 09:00
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Solid	11/14/22 14:40	11/15/22 09:00
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Solid	11/14/22 14:45	11/15/22 09:00
180-147901-11	SSHS-IRM5A2-DUP4	Solid	11/14/22 00:00	11/15/22 09:00
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Solid	11/14/22 14:50	11/15/22 09:00
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Solid	11/14/22 14:55	11/15/22 09:00
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Solid	11/14/22 15:05	11/15/22 09:00
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Solid	11/14/22 15:10	11/15/22 09:00
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Solid	11/14/22 15:15	11/15/22 09:00
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Solid	11/14/22 15:20	11/15/22 09:00
180-147901-18	SSHS-IRM5A2-DUP5	Solid	11/14/22 00:00	11/15/22 09:00
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Solid	11/14/22 15:25	11/15/22 09:00

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
6010D	Metals (ICP)	SW846	EET CAN
7471B	Mercury (CVAA)	SW846	EET CAN
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET CAN
3541	Automated Soxhlet Extraction	SW846	EET PIT
3546	Microwave Extraction	SW846	EET EDI
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV26-0-0.5 — Lab Sample ID: 180-147901-1

Date Collected: 11/14/22 14:00 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV26-0-0.5 — Lab Sample ID: 180-147901-1

Date Collected: 11/14/22 14:00 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 82.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.189 g	5 mL	878146	11/16/22 08:40	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879057	11/20/22 23:32	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.02 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 17:57	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.1 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 11:46	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.29 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 10:12	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.56 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 13:35	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV26-0.5-1 — Lab Sample ID: 180-147901-2

Date Collected: 11/14/22 14:05 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV26-0.5-1 — Lab Sample ID: 180-147901-2

Date Collected: 11/14/22 14:05 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 93.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1 g	5 mL	878146	11/16/22 08:40	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879057	11/20/22 23:55	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.05 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 18:15	DXD	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV26-0.5-1 — Lab Sample ID: 180-147901-2

Date Collected: 11/14/22 14:05 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 93.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.5 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 12:05	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.36 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 10:33	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.64 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 13:37	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV27-0-0.5 — Lab Sample ID: 180-147901-3

Date Collected: 11/14/22 14:10 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV27-0-0.5 — Lab Sample ID: 180-147901-3

Date Collected: 11/14/22 14:10 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 81.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.775 g	5 mL	878146	11/16/22 08:40	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879057	11/21/22 00:18	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.07 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 18:32	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.3 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 12:24	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.27 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 10:37	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.58 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 13:40	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV27-0.5-1 — Lab Sample ID: 180-147901-4

Date Collected: 11/14/22 14:15 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV27-0.5-1 — Lab Sample ID: 180-147901-4

Date Collected: 11/14/22 14:15 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 91.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.22 g	5 mL	878146	11/16/22 08:41	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879057	11/21/22 00:41	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.08 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 18:49	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.3 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 12:43	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.03 g	100 mL	552495	11/16/22 14:00	KLC	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 11:15	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.59 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 13:42	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV28-0-0.5 — Lab Sample ID: 180-147901-5

Date Collected: 11/14/22 14:20 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV28-0-0.5 — Lab Sample ID: 180-147901-5

Date Collected: 11/14/22 14:20 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 85.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.62 g	5 mL	878146	11/16/22 08:41	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879057	11/21/22 01:04	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.06 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 17:05	DXD	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV28-0-0.5 — Lab Sample ID: 180-147901-5

Date Collected: 11/14/22 14:20 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 85.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.3 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 13:02	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.14 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 10:42	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.58 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:01	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV28-0.5-1 — Lab Sample ID: 180-147901-6

Date Collected: 11/14/22 14:25 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV28-0.5-1 — Lab Sample ID: 180-147901-6

Date Collected: 11/14/22 14:25 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 85.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13.818 g	5 mL	878146	11/16/22 08:41	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879057	11/21/22 01:27	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.05 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 19:58	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.2 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 13:21	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.01 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 10:46	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.57 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:03	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV29-0-0.5 — Lab Sample ID: 180-147901-7

Date Collected: 11/14/22 14:30 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV29-0-0.5 — Lab Sample ID: 180-147901-7

Date Collected: 11/14/22 14:30 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 78.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.824 g	5 mL	878146	11/16/22 08:42	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 08:12	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.03 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 17:40	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.0 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 13:40	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.14 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 10:50	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.66 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:05	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV29-0.5-1 — Lab Sample ID: 180-147901-8

Date Collected: 11/14/22 14:35 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV29-0.5-1 — Lab Sample ID: 180-147901-8

Date Collected: 11/14/22 14:35 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 85.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.797 g	5 mL	878146	11/16/22 08:42	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879057	11/21/22 02:13	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.02 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 16:14	DXD	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV29-0.5-1 — Lab Sample ID: 180-147901-8

Date Collected: 11/14/22 14:35 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 85.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 13:59	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.00 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 10:54	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.57 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:07	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV30-0-0.5 — Lab Sample ID: 180-147901-9

Date Collected: 11/14/22 14:40 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV30-0-0.5 — Lab Sample ID: 180-147901-9

Date Collected: 11/14/22 14:40 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 89.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.316 g	5 mL	878146	11/16/22 08:43	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879057	11/21/22 02:36	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.03 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 20:15	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.4 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 14:18	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.07 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 10:58	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.60 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:09	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV30-0.5-1 — Lab Sample ID: 180-147901-10

Date Collected: 11/14/22 14:45 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV30-0.5-1 — Lab Sample ID: 180-147901-10

Date Collected: 11/14/22 14:45 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 85.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.634 g	5 mL	878146	11/16/22 08:43	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879057	11/21/22 02:59	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.07 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 17:23	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.0 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 14:37	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.15 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 11:03	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.69 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:11	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-DUP4 — Lab Sample ID: 180-147901-11

Date Collected: 11/14/22 00:00 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-DUP4 — Lab Sample ID: 180-147901-11

Date Collected: 11/14/22 00:00 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 83.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.374 g	5 mL	878146	11/16/22 08:43	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 15:06	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.08 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 16:31	DXD	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-DUP4 — Lab Sample ID: 180-147901-11

Date Collected: 11/14/22 00:00 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 83.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.5 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 15:34	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.25 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 11:07	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.52 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:14	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV25-0-0.5 — Lab Sample ID: 180-147901-12

Date Collected: 11/14/22 14:50 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV25-0-0.5 — Lab Sample ID: 180-147901-12

Date Collected: 11/14/22 14:50 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 79.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.09 g	5 mL	878146	11/16/22 08:44	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 15:29	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.09 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 19:06	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.0 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 15:53	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.23 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 11:11	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.60 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:16	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV25-0.5-1 — Lab Sample ID: 180-147901-13

Date Collected: 11/14/22 14:55 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV25-0.5-1 — Lab Sample ID: 180-147901-13

Date Collected: 11/14/22 14:55 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 81.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.025 g	5 mL	878146	11/16/22 08:44	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 15:52	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.04 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 19:24	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.5 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 16:12	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.03 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 11:24	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.57 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:18	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV24-0-0.5 — Lab Sample ID: 180-147901-14

Date Collected: 11/14/22 15:05 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV24-0-0.5 — Lab Sample ID: 180-147901-14

Date Collected: 11/14/22 15:05 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 87.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.566 g	5 mL	878146	11/16/22 08:44	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 16:15	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.09 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 19:41	DXD	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV24-0-0.5 — Lab Sample ID: 180-147901-14

Date Collected: 11/14/22 15:05 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 87.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.5 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 16:31	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.23 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 11:28	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.53 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:20	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV24-0.5-1 — Lab Sample ID: 180-147901-15

Date Collected: 11/14/22 15:10 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV24-0.5-1 — Lab Sample ID: 180-147901-15

Date Collected: 11/14/22 15:10 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 93.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.262 g	5 mL	878146	11/16/22 08:45	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879239	11/22/22 07:56	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.03 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 15:56	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.3 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 16:50	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.13 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 11:32	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.68 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:27	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV23-0-0.5 — Lab Sample ID: 180-147901-16

Date Collected: 11/14/22 15:15 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV23-0-0.5 — Lab Sample ID: 180-147901-16

Date Collected: 11/14/22 15:15 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 82.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.37 g	5 mL	878146	11/16/22 08:45	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 17:02	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.04 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 16:48	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.0 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 17:09	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.37 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 11:36	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.63 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:29	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV23-0.5-1 — Lab Sample ID: 180-147901-17

Date Collected: 11/14/22 15:20 — **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV23-0.5-1 — Lab Sample ID: 180-147901-17

Date Collected: 11/14/22 15:20 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 89.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.253 g	5 mL	878146	11/16/22 08:46	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 17:44	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.01 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 15:39	DXD	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV23-0.5-1 Lab Sample ID: 180-147901-17

Date Collected: 11/14/22 15:20 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 89.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 17:28	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.24 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 11:40	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.56 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:31	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-DUP5 Lab Sample ID: 180-147901-18

Date Collected: 11/14/22 00:00 **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-DUP5 Lab Sample ID: 180-147901-18

Date Collected: 11/14/22 00:00 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 88.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.095 g	5 mL	878146	11/16/22 08:46	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879239	11/22/22 08:19	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.08 g	1 mL	878336	11/16/22 20:53	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878502	11/17/22 15:05	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.1 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 17:47	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.26 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 11:45	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.65 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 15:33	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5 **Lab Sample ID: 180-147901-19**
Date Collected: 11/14/22 15:25 **Matrix: Solid**
Date Received: 11/15/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878159	11/16/22 09:15	MVA	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5 **Lab Sample ID: 180-147901-19**
Date Collected: 11/14/22 15:25 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 83.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.951 g	5 mL	878146	11/16/22 08:46	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879057	11/21/22 03:22	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.02 g	1 mL	878616	11/17/22 22:34	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878743	11/18/22 18:35	SK	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.5 g	20.0 mL	418617	11/18/22 10:22	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418703	11/19/22 05:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418704	11/19/22 05:22	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 10:49	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.39 g	100 mL	552102	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552252	11/16/22 09:47	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.68 g	100 mL	552103	11/15/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552313	11/16/22 13:29	DSH	EET CAN
	Instrument ID: H3									

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Analyst References:

Lab: EET CAN
- Batch Type: Prep
  - DEE = Dale Elshaw
  - KLC = Karen Counts
- Batch Type: Analysis
  - DSH = David Heakin
  - KLC = Karen Counts
  - RKT = Roger Toth

Lab: EET EDI
- Batch Type: Prep
  - GXY = Gopichand Yallabandi
  - SAS = Samantha Shelton
- Batch Type: Analysis
  - AAT = Audberto Tupayachi
  - DXD = Djedjiga Dekkar
  - EMM = Eddie Martinez
  - MVA = Mark Acierno
  - SK = Sukanya Khlungprakhon

Lab: EET PIT
- Batch Type: Cleanup
  - JMO = John Oravec
- Batch Type: Prep
  - AAS = Arianna Swick
- Batch Type: Analysis
  - JMO = John Oravec

Client: Geosyntec Consultants, Inc.
Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV26-0-0.5
Lab Sample ID: 180-147901-1
Date Collected: 11/14/22 14:00
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 82.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**7.5**		7.0	6.7	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Benzene	ND		1.2	0.30	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Bromoform	ND		1.2	0.50	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Bromomethane	ND		2.3	1.2	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
2-Butanone (MEK)	ND		5.9	0.43	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Carbon disulfide	ND		1.2	0.31	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Carbon tetrachloride	ND		1.2	0.45	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Chlorobenzene	ND		1.2	0.21	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Chlorobromomethane	ND		1.2	0.33	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Chlorodibromomethane	ND		1.2	0.23	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Chloroethane	ND		1.2	0.61	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Chloroform	ND		1.2	1.1	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Chloromethane	ND		1.2	0.51	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
cis-1,2-Dichloroethene	ND		1.2	0.42	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
cis-1,3-Dichloropropene	ND		1.2	0.32	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Cyclohexane	ND		1.2	0.26	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,2-Dibromo-3-Chloropropane	ND		1.2	0.54	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,2-Dibromoethane	ND		1.2	0.21	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,2-Dichlorobenzene	ND		1.2	0.42	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,3-Dichlorobenzene	ND		1.2	0.43	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,4-Dichlorobenzene	ND		1.2	0.26	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Dichlorobromomethane	ND		1.2	0.30	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Dichlorodifluoromethane	ND		1.2	0.40	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,1-Dichloroethane	ND		1.2	0.24	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,2-Dichloroethane	ND		1.2	0.35	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,1-Dichloroethene	ND		1.2	0.26	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,2-Dichloroethene, Total	ND		2.3	0.45	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,2-Dichloropropane	ND		1.2	0.50	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,4-Dioxane	ND	*3	120	11	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Ethylbenzene	ND		1.2	0.23	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
2-Hexanone	ND		5.9	2.0	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Isopropylbenzene	ND		1.2	0.33	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Methyl acetate	ND		5.9	5.1	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Methylcyclohexane	ND		1.2	0.59	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Methylene Chloride	ND		2.3	1.3	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	1.8	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Methyl tert-butyl ether	ND		1.2	0.60	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
m-Xylene & p-Xylene	**0.23**	**J**	1.2	0.20	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
o-Xylene	ND		1.2	0.23	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Styrene	ND		1.2	0.33	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,1,2,2-Tetrachloroethane	ND		1.2	0.25	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Tetrachloroethene	ND		1.2	0.36	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Toluene	**0.36**	**J**	1.2	0.27	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
trans-1,2-Dichloroethene	ND		1.2	0.29	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
trans-1,3-Dichloropropene	ND		1.2	0.31	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,2,3-Trichlorobenzene	ND		1.2	0.21	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,2,4-Trichlorobenzene	ND		1.2	0.42	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,1,1-Trichloroethane	ND		1.2	0.27	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,1,2-Trichloroethane	ND		1.2	0.21	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1

Client Sample ID: SSHS-IRM5A2-SCV26-0-0.5 **Lab Sample ID: 180-147901-1**
Date Collected: 11/14/22 14:00 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 82.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.2	0.38	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Trichlorofluoromethane	ND		1.2	0.48	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	0.35	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Vinyl chloride	ND		1.2	0.64	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1
Xylenes, Total	**0.23**	**J**	2.3	0.20	ug/Kg	☼	11/16/22 08:40	11/20/22 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*75 - 139*	*11/16/22 08:40*	*11/20/22 23:32*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 139*	*11/16/22 08:40*	*11/20/22 23:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 145*	*11/16/22 08:40*	*11/20/22 23:32*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*11/16/22 08:40*	*11/20/22 23:32*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Acenaphthylene	**35**	**J**	400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Acetophenone	ND		400	20	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Anthracene	**37**	**J**	400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Atrazine	ND		160	24	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Benzaldehyde	ND		400	67	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Benzo[a]anthracene	**260**		40	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Benzo[a]pyrene	**270**		40	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Benzo[b]fluoranthene	**430**		40	10	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Benzo[g,h,i]perylene	**220**	**J**	400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Benzo[k]fluoranthene	**140**		40	7.9	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
1,1'-Biphenyl	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Bis(2-chloroethoxy)methane	ND		400	31	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Bis(2-ethylhexyl) phthalate	ND		400	21	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Caprolactam	ND		400	63	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Carbazole	**24**	**J**	400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
4-Chloroaniline	ND		400	71	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
4-Chloro-3-methylphenol	ND		400	23	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2-Chloronaphthalene	ND		400	19	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Chrysene	**300**	**J**	400	6.8	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Dibenz(a,h)anthracene	**43**		40	17	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Dibenzofuran	**15**	**J**	400	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
3,3'-Dichlorobenzidine	ND		160	61	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2,4-Dichlorophenol	ND		160	26	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2,4-Dimethylphenol	ND		400	48	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Dimethyl phthalate	ND		400	92	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Di-n-butyl phthalate	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2,4-Dinitrophenol	ND		320	200	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2,4-Dinitrotoluene	ND		82	43	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1

Client Sample ID: SSHS-IRM5A2-SCV26-0-0.5 **Lab Sample ID: 180-147901-1**
Date Collected: 11/14/22 14:00 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 82.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		82	29	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Di-n-octyl phthalate	ND		400	21	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
1,4-Dioxane	ND		40	35	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Fluoranthene	**490**		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Fluorene	ND		400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Hexachlorobutadiene	ND		82	8.6	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Hexachlorocyclopentadiene	ND		400	35	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Hexachloroethane	ND		40	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Indeno[1,2,3-cd]pyrene	**250**		40	16	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Isophorone	ND		160	120	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2-Methylnaphthalene	**36**	**J**	400	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2-Methylphenol	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Methylphenol, 3 & 4	ND		400	25	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Naphthalene	**34**	**J**	400	7.0	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2-Nitroaniline	ND		400	31	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
3-Nitroaniline	ND		400	96	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
4-Nitroaniline	ND		400	46	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Nitrobenzene	ND		40	22	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2-Nitrophenol	ND		400	40	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
4-Nitrophenol	ND		820	66	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2,2'-oxybis[1-chloropropane]	ND		400	7.3	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Pentachlorophenol	ND		320	83	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Phenanthrene	**150**	**J**	400	7.1	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Phenol	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
Pyrene	**460**		400	10	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
1,2,4,5-Tetrachlorobenzene	ND		400	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2,3,4,6-Tetrachlorophenol	ND		400	27	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2,4,5-Trichlorophenol	ND		400	41	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1
2,4,6-Trichlorophenol	ND		160	52	ug/Kg	☼	11/16/22 20:53	11/17/22 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*22 - 122*	*11/16/22 20:53*	*11/17/22 17:57*	*1*
2-Fluorophenol (Surr)	*74*		*18 - 123*	*11/16/22 20:53*	*11/17/22 17:57*	*1*
Nitrobenzene-d5 (Surr)	*81*		*16 - 125*	*11/16/22 20:53*	*11/17/22 17:57*	*1*
Phenol-d5 (Surr)	*79*		*23 - 120*	*11/16/22 20:53*	*11/17/22 17:57*	*1*
Terphenyl-d14 (Surr)	*97*		*25 - 126*	*11/16/22 20:53*	*11/17/22 17:57*	*1*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 123*	*11/16/22 20:53*	*11/17/22 17:57*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	11/18/22 10:22	11/28/22 11:46	1
PCB-1221	ND		20	7.1	ug/Kg	☼	11/18/22 10:22	11/28/22 11:46	1
PCB-1232	ND		20	4.9	ug/Kg	☼	11/18/22 10:22	11/28/22 11:46	1
PCB-1242	ND		20	3.0	ug/Kg	☼	11/18/22 10:22	11/28/22 11:46	1
PCB-1248	**550**		20	4.8	ug/Kg	☼	11/18/22 10:22	11/28/22 11:46	1
PCB-1254	ND		20	6.1	ug/Kg	☼	11/18/22 10:22	11/28/22 11:46	1
PCB-1260	ND		20	5.7	ug/Kg	☼	11/18/22 10:22	11/28/22 11:46	1

Client Sample ID: SSHS-IRM5A2-SCV26-0-0.5

Lab Sample ID: 180-147901-1

Date Collected: 11/14/22 14:00
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 82.0

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		20	7.1	ug/Kg	☼	11/18/22 10:22	11/28/22 11:46	1
PCB-1268	ND		20	2.7	ug/Kg	☼	11/18/22 10:22	11/28/22 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*77*		*63 - 138*	*11/18/22 10:22*	*11/28/22 11:46*	*1*
DCB Decachlorobiphenyl (Surr)	*77*		*63 - 138*	*11/18/22 10:22*	*11/28/22 11:46*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*11/18/22 10:22*	*11/28/22 11:46*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*55 - 135*	*11/18/22 10:22*	*11/28/22 11:46*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7400**		19	5.0	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Antimony	ND		1.9	0.34	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Arsenic	**6.1**		1.4	0.30	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Barium	**88**		19	0.34	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Beryllium	**0.39**	**J**	0.47	0.051	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Cadmium	**0.26**	**J**	0.47	0.045	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Calcium	**3000**		470	34	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Chromium	**10**		0.95	0.32	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Cobalt	**7.2**		0.95	0.19	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Copper	**20**		2.4	0.22	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Iron	**14000**		19	6.6	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Lead	**39**		0.95	0.27	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Magnesium	**1900**		470	44	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Manganese	**400**		1.4	1.1	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Nickel	**17**		3.8	0.22	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Potassium	**930**		470	75	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Selenium	**0.78**	**J**	1.9	0.44	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Silver	ND		0.95	0.077	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Sodium	**86**	**J**	470	59	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Thallium	ND		1.9	0.38	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Vanadium	**11**		4.7	0.78	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1
Zinc	**290**		4.7	1.3	mg/Kg	☼	11/15/22 15:00	11/16/22 10:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.093**	**J**	0.13	0.024	mg/Kg	☼	11/15/22 15:00	11/16/22 13:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**18.0**		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	**82.0**		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV26-0.5-1

Lab Sample ID: 180-147901-2

Date Collected: 11/14/22 14:05
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.3	6.0	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Benzene	ND		1.0	0.27	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV26-0.5-1
Lab Sample ID: 180-147901-2
Date Collected: 11/14/22 14:05
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 93.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.44	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Bromomethane	ND		2.1	1.0	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
2-Butanone (MEK)	ND		5.2	0.38	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Carbon disulfide	ND		1.0	0.28	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Carbon tetrachloride	ND		1.0	0.40	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Chlorodibromomethane	ND		1.0	0.20	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Chloroethane	ND		1.0	0.55	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Chloroform	ND		1.0	1.0	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Chloromethane	ND		1.0	0.45	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
cis-1,2-Dichloroethene	ND		1.0	0.37	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
cis-1,3-Dichloropropene	ND		1.0	0.29	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Cyclohexane	ND		1.0	0.23	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.48	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,2-Dibromoethane	ND		1.0	0.19	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,2-Dichlorobenzene	ND		1.0	0.38	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,3-Dichlorobenzene	ND		1.0	0.38	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Dichlorobromomethane	ND		1.0	0.27	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,1-Dichloroethane	ND		1.0	0.22	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,2-Dichloroethane	ND		1.0	0.31	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,1-Dichloroethene	ND		1.0	0.24	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,2-Dichloroethene, Total	ND		2.1	0.40	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,2-Dichloropropane	ND		1.0	0.44	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,4-Dioxane	ND		100	9.6	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Ethylbenzene	ND		1.0	0.21	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
2-Hexanone	ND		5.2	1.8	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Isopropylbenzene	ND		1.0	0.30	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Methyl acetate	ND		5.2	4.5	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Methylcyclohexane	ND		1.0	0.52	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Methylene Chloride	ND		2.1	1.2	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.2	1.6	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Methyl tert-butyl ether	ND		1.0	0.53	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
m-Xylene & p-Xylene	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Styrene	ND		1.0	0.29	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Tetrachloroethene	ND		1.0	0.32	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Toluene	ND		1.0	0.24	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
trans-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,2,3-Trichlorobenzene	ND		1.0	0.19	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
1,1,2-Trichloroethane	ND		1.0	0.19	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Trichloroethene	ND		1.0	0.34	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Trichlorofluoromethane	ND		1.0	0.42	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1

Client Sample ID: SSHS-IRM5A2-SCV26-0.5-1 **Lab Sample ID: 180-147901-2**
Date Collected: 11/14/22 14:05 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 93.8**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Vinyl chloride	ND		1.0	0.57	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1
Xylenes, Total	ND		2.1	0.18	ug/Kg	☼	11/16/22 08:40	11/20/22 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*75 - 139*	*11/16/22 08:40*	*11/20/22 23:55*	*1*
Dibromofluoromethane (Surr)	*119*		*73 - 139*	*11/16/22 08:40*	*11/20/22 23:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*72 - 145*	*11/16/22 08:40*	*11/20/22 23:55*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/16/22 08:40*	*11/20/22 23:55*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	10	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Acenaphthylene	**99**	**J**	350	10	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Acetophenone	ND		350	17	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Anthracene	**36**	**J**	350	11	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Atrazine	ND		140	21	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Benzaldehyde	ND		350	58	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Benzo[a]anthracene	**180**		35	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Benzo[a]pyrene	**220**		35	9.4	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Benzo[b]fluoranthene	**340**		35	9.1	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Benzo[g,h,i]perylene	**190**	**J**	350	10	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Benzo[k]fluoranthene	**110**		35	6.9	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Bis(2-chloroethoxy)methane	ND		350	27	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Bis(2-ethylhexyl) phthalate	ND		350	19	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Butyl benzyl phthalate	ND		350	16	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Caprolactam	ND		350	55	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Carbazole	**17**	**J**	350	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
4-Chloroaniline	ND		350	62	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2-Chlorophenol	ND		350	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Chrysene	**230**	**J**	350	5.9	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Dibenz(a,h)anthracene	**40**		35	15	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Dibenzofuran	**31**	**J**	350	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
3,3'-Dichlorobenzidine	ND		140	53	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2,4-Dimethylphenol	ND		350	42	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Dimethyl phthalate	ND		350	80	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Di-n-butyl phthalate	ND		350	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2,4-Dinitrotoluene	ND		71	38	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2,6-Dinitrotoluene	ND		71	25	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Di-n-octyl phthalate	ND		350	19	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1

Client Sample ID: SSHS-IRM5A2-SCV26-0.5-1 **Lab Sample ID: 180-147901-2**
Date Collected: 11/14/22 14:05 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 93.8**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		35	31	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Fluoranthene	**270**	**J**	350	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Fluorene	**13**	**J**	350	10	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Hexachlorobenzene	ND		35	17	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Hexachlorobutadiene	ND		71	7.5	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Hexachlorocyclopentadiene	ND		350	31	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Indeno[1,2,3-cd]pyrene	**190**		35	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Isophorone	ND		140	100	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2-Methylnaphthalene	**110**	**J**	350	9.8	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Naphthalene	**97**	**J**	350	6.1	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
3-Nitroaniline	ND		350	83	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
4-Nitroaniline	ND		350	40	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Nitrobenzene	ND		35	19	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
4-Nitrophenol	ND		710	57	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
N-Nitrosodi-n-propylamine	ND		35	26	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2,2'-oxybis[1-chloropropane]	ND		350	6.4	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Pentachlorophenol	ND		280	72	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Phenanthrene	**140**	**J**	350	6.2	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Phenol	ND		350	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
Pyrene	**310**	**J**	350	8.7	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2,3,4,6-Tetrachlorophenol	ND		350	24	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	11/16/22 20:53	11/17/22 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*94*		*22 - 122*	*11/16/22 20:53*	*11/17/22 18:15*	*1*
2-Fluorophenol (Surr)	*84*		*18 - 123*	*11/16/22 20:53*	*11/17/22 18:15*	*1*
Nitrobenzene-d5 (Surr)	*91*		*16 - 125*	*11/16/22 20:53*	*11/17/22 18:15*	*1*
Phenol-d5 (Surr)	*87*		*23 - 120*	*11/16/22 20:53*	*11/17/22 18:15*	*1*
Terphenyl-d14 (Surr)	*101*		*25 - 126*	*11/16/22 20:53*	*11/17/22 18:15*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 123*	*11/16/22 20:53*	*11/17/22 18:15*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.6	ug/Kg	☼	11/18/22 10:22	11/28/22 12:05	1
PCB-1221	ND		17	6.1	ug/Kg	☼	11/18/22 10:22	11/28/22 12:05	1
PCB-1232	ND		17	4.2	ug/Kg	☼	11/18/22 10:22	11/28/22 12:05	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/18/22 10:22	11/28/22 12:05	1
PCB-1248	**36**		17	4.1	ug/Kg	☼	11/18/22 10:22	11/28/22 12:05	1
PCB-1254	**28**		17	5.2	ug/Kg	☼	11/18/22 10:22	11/28/22 12:05	1
PCB-1260	**9.2**	**J**	17	4.9	ug/Kg	☼	11/18/22 10:22	11/28/22 12:05	1
PCB-1262	ND		17	6.0	ug/Kg	☼	11/18/22 10:22	11/28/22 12:05	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/18/22 10:22	11/28/22 12:05	1

Client Sample ID: SSHS-IRM5A2-SCV26-0.5-1 — Lab Sample ID: 180-147901-2

Date Collected: 11/14/22 14:05 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 93.8**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*63 - 138*	*11/18/22 10:22*	*11/28/22 12:05*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*	*11/18/22 10:22*	*11/28/22 12:05*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*11/18/22 10:22*	*11/28/22 12:05*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*11/18/22 10:22*	*11/28/22 12:05*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6400**		16	4.2	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Antimony	ND		1.6	0.28	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Arsenic	**8.8**		1.2	0.25	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Barium	**81**		16	0.28	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Beryllium	**0.37**	**J**	0.39	0.042	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Cadmium	**0.26**	**J**	0.39	0.038	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Calcium	**11000**		390	29	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Chromium	**9.6**		0.78	0.27	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Cobalt	**6.0**		0.78	0.16	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Copper	**28**		2.0	0.18	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Iron	**15000**		16	5.4	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Lead	**54**		0.78	0.22	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Magnesium	**5100**		390	36	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Manganese	**340**		1.2	0.87	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Nickel	**19**		3.1	0.18	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Potassium	**570**		390	62	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Selenium	**0.65**	**J**	1.6	0.37	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Silver	ND		0.78	0.063	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Sodium	**71**	**J**	390	49	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Thallium	ND		1.6	0.31	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Vanadium	**13**		3.9	0.64	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1
Zinc	**97**		3.9	1.1	mg/Kg	☼	11/15/22 15:00	11/16/22 10:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.085**	**J**	0.10	0.018	mg/Kg	☼	11/15/22 15:00	11/16/22 13:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**6.2**		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	**93.8**		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV27-0-0.5 — Lab Sample ID: 180-147901-3

Date Collected: 11/14/22 14:10 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 81.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4.8	4.5	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Benzene	ND		0.79	0.20	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Bromoform	ND		0.79	0.34	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Bromomethane	ND		1.6	0.79	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
2-Butanone (MEK)	ND		4.0	0.29	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Carbon disulfide	ND		0.79	0.21	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV27-0-0.5 **Lab Sample ID: 180-147901-3**
Date Collected: 11/14/22 14:10 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 81.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		0.79	0.31	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Chlorobenzene	ND		0.79	0.14	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Chlorobromomethane	ND		0.79	0.22	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Chlorodibromomethane	ND		0.79	0.15	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Chloroethane	ND		0.79	0.41	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Chloroform	ND		0.79	0.77	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Chloromethane	ND		0.79	0.34	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
cis-1,2-Dichloroethene	ND		0.79	0.28	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
cis-1,3-Dichloropropene	ND		0.79	0.22	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Cyclohexane	ND		0.79	0.17	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,2-Dibromo-3-Chloropropane	ND		0.79	0.36	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,2-Dibromoethane	ND		0.79	0.14	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,2-Dichlorobenzene	ND		0.79	0.29	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,3-Dichlorobenzene	ND		0.79	0.29	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,4-Dichlorobenzene	ND		0.79	0.18	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Dichlorobromomethane	ND		0.79	0.20	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Dichlorodifluoromethane	ND		0.79	0.27	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,1-Dichloroethane	ND		0.79	0.16	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,2-Dichloroethane	ND		0.79	0.23	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,1-Dichloroethene	ND		0.79	0.18	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,2-Dichloroethene, Total	ND		1.6	0.30	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,2-Dichloropropane	ND		0.79	0.33	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,4-Dioxane	ND		79	7.3	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Ethylbenzene	ND		0.79	0.16	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
2-Hexanone	ND		4.0	1.4	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Isopropylbenzene	ND		0.79	0.23	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Methyl acetate	ND		4.0	3.4	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Methylcyclohexane	ND		0.79	0.40	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Methylene Chloride	ND		1.6	0.91	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
4-Methyl-2-pentanone (MIBK)	ND		4.0	1.2	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Methyl tert-butyl ether	ND		0.79	0.41	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
m-Xylene & p-Xylene	ND		0.79	0.14	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
o-Xylene	ND		0.79	0.15	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Styrene	ND		0.79	0.22	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,1,2,2-Tetrachloroethane	ND		0.79	0.17	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Tetrachloroethene	ND		0.79	0.24	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Toluene	ND		0.79	0.19	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
trans-1,2-Dichloroethene	ND		0.79	0.19	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
trans-1,3-Dichloropropene	ND		0.79	0.21	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,2,3-Trichlorobenzene	ND		0.79	0.14	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,2,4-Trichlorobenzene	ND		0.79	0.28	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,1,1-Trichloroethane	ND		0.79	0.18	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,1,2-Trichloroethane	ND		0.79	0.14	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Trichloroethene	ND		0.79	0.25	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Trichlorofluoromethane	ND		0.79	0.32	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.79	0.24	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Vinyl chloride	ND		0.79	0.43	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1
Xylenes, Total	ND		1.6	0.14	ug/Kg	☼	11/16/22 08:40	11/21/22 00:18	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV27-0-0.5
Lab Sample ID: 180-147901-3
Date Collected: 11/14/22 14:10
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 81.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*75 - 139*	*11/16/22 08:40*	*11/21/22 00:18*	*1*
Dibromofluoromethane (Surr)	*118*		*73 - 139*	*11/16/22 08:40*	*11/21/22 00:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*72 - 145*	*11/16/22 08:40*	*11/21/22 00:18*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/16/22 08:40*	*11/21/22 00:18*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Acenaphthylene	**12**	**J**	400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Acetophenone	ND		400	20	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Anthracene	**17**	**J**	400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Atrazine	ND		160	24	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Benzaldehyde	ND		400	67	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Benzo[a]anthracene	**54**		40	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Benzo[a]pyrene	**52**		40	11	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Benzo[b]fluoranthene	**84**		40	10	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Benzo[g,h,i]perylene	**42**	**J**	400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Benzo[k]fluoranthene	**26**	**J**	40	8.0	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
1,1'-Biphenyl	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Bis(2-chloroethoxy)methane	ND		400	32	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Bis(2-ethylhexyl) phthalate	ND		400	21	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Caprolactam	ND		400	63	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Carbazole	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
4-Chloroaniline	ND		400	72	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
4-Chloro-3-methylphenol	ND		400	23	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2-Chloronaphthalene	ND		400	19	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Chrysene	**58**	**J**	400	6.9	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Dibenz(a,h)anthracene	ND		40	18	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Dibenzofuran	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
3,3'-Dichlorobenzidine	ND		160	61	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2,4-Dichlorophenol	ND		160	26	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2,4-Dimethylphenol	ND		400	48	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Dimethyl phthalate	ND		400	92	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Di-n-butyl phthalate	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
4,6-Dinitro-2-methylphenol	ND		330	170	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2,4-Dinitrophenol	ND		330	200	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2,4-Dinitrotoluene	ND		82	44	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2,6-Dinitrotoluene	ND		82	29	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Di-n-octyl phthalate	ND		400	21	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
1,4-Dioxane	ND		40	35	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Fluoranthene	**90**	**J**	400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Fluorene	ND		400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Hexachlorobutadiene	ND		82	8.6	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV27-0-0.5 **Lab Sample ID: 180-147901-3**
Date Collected: 11/14/22 14:10 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 81.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		400	36	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Hexachloroethane	ND		40	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Indeno[1,2,3-cd]pyrene	**50**		40	16	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Isophorone	ND		160	120	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2-Methylnaphthalene	ND		400	11	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2-Methylphenol	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Methylphenol, 3 & 4	ND		400	25	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Naphthalene	**14**	**J**	400	7.0	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2-Nitroaniline	ND		400	31	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
3-Nitroaniline	ND		400	96	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
4-Nitroaniline	ND		400	47	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Nitrobenzene	ND		40	22	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2-Nitrophenol	ND		400	41	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
4-Nitrophenol	ND		820	66	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2,2'-oxybis[1-chloropropane]	ND		400	7.3	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Pentachlorophenol	ND		330	83	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Phenanthrene	**49**	**J**	400	7.1	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Phenol	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
Pyrene	**87**	**J**	400	10	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
1,2,4,5-Tetrachlorobenzene	ND		400	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2,3,4,6-Tetrachlorophenol	ND		400	27	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2,4,5-Trichlorophenol	ND		400	41	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1
2,4,6-Trichlorophenol	ND		160	52	ug/Kg	☼	11/16/22 20:53	11/17/22 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*22 - 122*	*11/16/22 20:53*	*11/17/22 18:32*	*1*
2-Fluorophenol (Surr)	*82*		*18 - 123*	*11/16/22 20:53*	*11/17/22 18:32*	*1*
Nitrobenzene-d5 (Surr)	*90*		*16 - 125*	*11/16/22 20:53*	*11/17/22 18:32*	*1*
Phenol-d5 (Surr)	*84*		*23 - 120*	*11/16/22 20:53*	*11/17/22 18:32*	*1*
Terphenyl-d14 (Surr)	*98*		*25 - 126*	*11/16/22 20:53*	*11/17/22 18:32*	*1*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 123*	*11/16/22 20:53*	*11/17/22 18:32*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	11/18/22 10:22	11/28/22 12:24	1
PCB-1221	ND		20	7.1	ug/Kg	☼	11/18/22 10:22	11/28/22 12:24	1
PCB-1232	ND		20	4.9	ug/Kg	☼	11/18/22 10:22	11/28/22 12:24	1
PCB-1242	ND		20	2.9	ug/Kg	☼	11/18/22 10:22	11/28/22 12:24	1
PCB-1248	**44**		20	4.8	ug/Kg	☼	11/18/22 10:22	11/28/22 12:24	1
PCB-1254	**62**		20	6.0	ug/Kg	☼	11/18/22 10:22	11/28/22 12:24	1
PCB-1260	**29**		20	5.7	ug/Kg	☼	11/18/22 10:22	11/28/22 12:24	1
PCB-1262	ND		20	7.1	ug/Kg	☼	11/18/22 10:22	11/28/22 12:24	1
PCB-1268	ND		20	2.7	ug/Kg	☼	11/18/22 10:22	11/28/22 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*63 - 138*	*11/18/22 10:22*	*11/28/22 12:24*	*1*
DCB Decachlorobiphenyl (Surr)	*71*		*63 - 138*	*11/18/22 10:22*	*11/28/22 12:24*	*1*
Tetrachloro-m-xylene (Surr)	*81*		*55 - 135*	*11/18/22 10:22*	*11/28/22 12:24*	*1*

Client Sample ID: SSHS-IRM5A2-SCV27-0-0.5

Lab Sample ID: 180-147901-3
Date Collected: 11/14/22 14:10 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 81.2**

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*	*11/18/22 10:22*	*11/28/22 12:24*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9100**		19	5.2	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Antimony	ND		1.9	0.35	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Arsenic	**6.8**		1.5	0.31	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Barium	**100**		19	0.35	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Beryllium	**0.42**	**J**	0.48	0.052	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Cadmium	**0.32**	**J**	0.48	0.047	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Calcium	**2800**		480	35	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Chromium	**12**		0.97	0.33	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Cobalt	**8.0**		0.97	0.19	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Copper	**17**		2.4	0.23	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Iron	**16000**		19	6.7	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Lead	**41**		0.97	0.27	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Magnesium	**2300**		480	45	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Manganese	**460**		1.5	1.1	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Nickel	**19**		3.9	0.23	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Potassium	**1300**		480	77	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Selenium	**0.58**	**J**	1.9	0.45	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Silver	ND		0.97	0.079	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Sodium	ND		480	61	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Thallium	ND		1.9	0.39	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Vanadium	**15**		4.8	0.80	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1
Zinc	**160**		4.8	1.3	mg/Kg	☼	11/15/22 15:00	11/16/22 10:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.096**	**J**	0.13	0.023	mg/Kg	☼	11/15/22 15:00	11/16/22 13:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**18.8**		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	**81.2**		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV27-0.5-1

Lab Sample ID: 180-147901-4
Date Collected: 11/14/22 14:15 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 91.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.9	2.8	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Benzene	ND		0.49	0.13	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Bromoform	ND		0.49	0.21	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Bromomethane	ND		0.98	0.49	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
2-Butanone (MEK)	ND		2.4	0.18	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Carbon disulfide	ND		0.49	0.13	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Carbon tetrachloride	ND		0.49	0.19	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Chlorobenzene	ND		0.49	0.086	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV27-0.5-1 **Lab Sample ID: 180-147901-4**
Date Collected: 11/14/22 14:15 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 91.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		0.49	0.14	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Chlorodibromomethane	ND		0.49	0.095	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Chloroethane	ND		0.49	0.25	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Chloroform	ND		0.49	0.47	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Chloromethane	ND		0.49	0.21	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
cis-1,2-Dichloroethene	ND		0.49	0.17	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
cis-1,3-Dichloropropene	ND		0.49	0.13	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Cyclohexane	ND		0.49	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,2-Dibromo-3-Chloropropane	ND		0.49	0.22	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,2-Dibromoethane	ND		0.49	0.088	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,2-Dichlorobenzene	ND		0.49	0.18	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,3-Dichlorobenzene	ND		0.49	0.18	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,4-Dichlorobenzene	ND		0.49	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Dichlorobromomethane	ND		0.49	0.13	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Dichlorodifluoromethane	ND		0.49	0.16	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,1-Dichloroethane	ND		0.49	0.10	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,2-Dichloroethane	ND		0.49	0.14	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,1-Dichloroethene	ND		0.49	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,2-Dichloroethene, Total	ND		0.98	0.19	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,2-Dichloropropane	ND		0.49	0.21	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,4-Dioxane	ND		49	4.5	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Ethylbenzene	ND		0.49	0.097	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
2-Hexanone	ND		2.4	0.84	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Isopropylbenzene	ND		0.49	0.14	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Methyl acetate	ND		2.4	2.1	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Methylcyclohexane	ND		0.49	0.24	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Methylene Chloride	ND		0.98	0.56	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
4-Methyl-2-pentanone (MIBK)	ND		2.4	0.76	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Methyl tert-butyl ether	ND		0.49	0.25	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
m-Xylene & p-Xylene	**0.091**	**J**	0.49	0.085	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
o-Xylene	ND		0.49	0.095	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Styrene	ND		0.49	0.14	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,1,2,2-Tetrachloroethane	ND		0.49	0.10	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Tetrachloroethene	ND		0.49	0.15	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Toluene	**0.13**	**J**	0.49	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
trans-1,2-Dichloroethene	ND		0.49	0.12	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
trans-1,3-Dichloropropene	ND		0.49	0.13	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,2,3-Trichlorobenzene	ND		0.49	0.088	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,2,4-Trichlorobenzene	ND		0.49	0.17	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,1,1-Trichloroethane	ND		0.49	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,1,2-Trichloroethane	ND		0.49	0.087	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Trichloroethene	ND		0.49	0.16	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Trichlorofluoromethane	ND		0.49	0.20	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.49	0.15	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Vinyl chloride	ND		0.49	0.27	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1
Xylenes, Total	**0.091**	**J**	0.98	0.085	ug/Kg	☼	11/16/22 08:41	11/21/22 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*75 - 139*	*11/16/22 08:41*	*11/21/22 00:41*	*1*
Dibromofluoromethane (Surr)	*124*		*73 - 139*	*11/16/22 08:41*	*11/21/22 00:41*	*1*

Client Sample ID: SSHS-IRM5A2-SCV27-0.5-1 **Lab Sample ID: 180-147901-4**
Date Collected: 11/14/22 14:15 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 91.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*139*		*72 - 145*	*11/16/22 08:41*	*11/21/22 00:41*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*11/16/22 08:41*	*11/21/22 00:41*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**15**	**J**	360	10	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Acenaphthylene	**160**	**J**	360	10	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Acetophenone	**23**	**J**	360	18	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Anthracene	**76**	**J**	360	11	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Atrazine	ND		140	21	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Benzaldehyde	ND		360	60	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Benzo[a]anthracene	**390**		36	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Benzo[a]pyrene	**410**		36	9.6	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Benzo[b]fluoranthene	**620**		36	9.3	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Benzo[g,h,i]perylene	**320**	**J**	360	11	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Benzo[k]fluoranthene	**250**		36	7.1	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
1,1'-Biphenyl	**27**	**J**	360	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Caprolactam	ND		360	56	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Carbazole	**37**	**J**	360	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
4-Chloroaniline	ND		360	64	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Chrysene	**460**		360	6.1	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Dibenz(a,h)anthracene	**78**		36	16	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Dibenzofuran	**75**	**J**	360	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Dimethyl phthalate	ND		360	82	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2,4-Dinitrotoluene	ND		73	39	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2,6-Dinitrotoluene	ND		73	26	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
1,4-Dioxane	ND		36	31	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Fluoranthene	**620**		360	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Fluorene	**30**	**J**	360	11	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Hexachlorobutadiene	ND		73	7.7	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV27-0.5-1 **Lab Sample ID: 180-147901-4**
Date Collected: 11/14/22 14:15 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 91.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		36	12	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Indeno[1,2,3-cd]pyrene	**370**		36	14	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Isophorone	ND		140	100	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2-Methylnaphthalene	**250**	**J**	360	10	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2-Methylphenol	ND		360	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Naphthalene	**220**	**J**	360	6.2	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
3-Nitroaniline	ND		360	86	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
4-Nitroaniline	ND		360	41	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
4-Nitrophenol	ND		730	59	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2,2'-oxybis[1-chloropropane]	ND		360	6.5	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Pentachlorophenol	ND		290	74	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Phenanthrene	**330**	**J**	360	6.3	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Phenol	ND		360	13	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
Pyrene	**660**		360	9.0	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2,3,4,6-Tetrachlorophenol	ND		360	24	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/16/22 20:53	11/17/22 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*22 - 122*	*11/16/22 20:53*	*11/17/22 18:49*	*1*
2-Fluorophenol (Surr)	*71*		*18 - 123*	*11/16/22 20:53*	*11/17/22 18:49*	*1*
Nitrobenzene-d5 (Surr)	*79*		*16 - 125*	*11/16/22 20:53*	*11/17/22 18:49*	*1*
Phenol-d5 (Surr)	*76*		*23 - 120*	*11/16/22 20:53*	*11/17/22 18:49*	*1*
Terphenyl-d14 (Surr)	*95*		*25 - 126*	*11/16/22 20:53*	*11/17/22 18:49*	*1*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 123*	*11/16/22 20:53*	*11/17/22 18:49*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/18/22 10:22	11/28/22 12:43	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/18/22 10:22	11/28/22 12:43	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/18/22 10:22	11/28/22 12:43	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/18/22 10:22	11/28/22 12:43	1
PCB-1248	**37**		18	4.3	ug/Kg	☼	11/18/22 10:22	11/28/22 12:43	1
PCB-1254	**21**		18	5.4	ug/Kg	☼	11/18/22 10:22	11/28/22 12:43	1
PCB-1260	ND		18	5.1	ug/Kg	☼	11/18/22 10:22	11/28/22 12:43	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/18/22 10:22	11/28/22 12:43	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/18/22 10:22	11/28/22 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*63 - 138*	*11/18/22 10:22*	*11/28/22 12:43*	*1*
DCB Decachlorobiphenyl (Surr)	*71*		*63 - 138*	*11/18/22 10:22*	*11/28/22 12:43*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*55 - 135*	*11/18/22 10:22*	*11/28/22 12:43*	*1*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*	*11/18/22 10:22*	*11/28/22 12:43*	*1*

Client Sample ID: SSHS-IRM5A2-SCV27-0.5-1

Lab Sample ID: 180-147901-4

Date Collected: 11/14/22 14:15
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 91.3

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7300		21	5.7	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Antimony	ND		2.1	0.38	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Arsenic	16		1.6	0.34	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Barium	140		21	0.38	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Beryllium	0.58		0.53	0.057	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Cadmium	0.95		0.53	0.051	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Calcium	4100		530	39	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Chromium	13		1.1	0.36	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Cobalt	7.1		1.1	0.21	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Copper	45		2.7	0.25	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Iron	19000		21	7.4	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Lead	130		1.1	0.30	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Magnesium	1500		530	49	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Manganese	370		1.6	1.2	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Nickel	24		4.3	0.25	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Potassium	480	J	530	84	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Selenium	0.92	J	2.1	0.50	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Silver	ND		1.1	0.086	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Sodium	67	J	530	67	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Thallium	ND		2.1	0.42	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Vanadium	19		5.3	0.87	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1
Zinc	150		5.3	1.5	mg/Kg	☼	11/16/22 14:00	11/17/22 11:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.24		0.11	0.020	mg/Kg	☼	11/15/22 15:00	11/16/22 13:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.7		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	91.3		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV28-0-0.5

Lab Sample ID: 180-147901-5

Date Collected: 11/14/22 14:20
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 85.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		3.3	3.2	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Benzene	ND		0.55	0.14	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Bromoform	ND		0.55	0.23	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Bromomethane	ND		1.1	0.55	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
2-Butanone (MEK)	ND		2.8	0.20	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Carbon disulfide	ND		0.55	0.15	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Carbon tetrachloride	ND		0.55	0.21	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Chlorobenzene	ND		0.55	0.098	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Chlorobromomethane	ND		0.55	0.15	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Chlorodibromomethane	ND		0.55	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Chloroethane	ND		0.55	0.29	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Chloroform	ND		0.55	0.54	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV28-0-0.5 **Lab Sample ID: 180-147901-5**
Date Collected: 11/14/22 14:20 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		0.55	0.24	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
cis-1,2-Dichloroethene	ND		0.55	0.20	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
cis-1,3-Dichloropropene	ND		0.55	0.15	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Cyclohexane	ND		0.55	0.12	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,2-Dibromo-3-Chloropropane	ND		0.55	0.25	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,2-Dibromoethane	ND		0.55	0.099	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,2-Dichlorobenzene	ND		0.55	0.20	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,3-Dichlorobenzene	ND		0.55	0.20	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,4-Dichlorobenzene	ND		0.55	0.12	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Dichlorobromomethane	ND		0.55	0.14	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Dichlorodifluoromethane	ND		0.55	0.19	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,1-Dichloroethane	ND		0.55	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,2-Dichloroethane	ND		0.55	0.16	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,1-Dichloroethene	ND		0.55	0.12	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,2-Dichloroethene, Total	ND		1.1	0.21	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,2-Dichloropropane	ND		0.55	0.23	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,4-Dioxane	ND		55	5.1	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Ethylbenzene	ND		0.55	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
2-Hexanone	ND		2.8	0.94	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Isopropylbenzene	ND		0.55	0.16	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Methyl acetate	ND		2.8	2.4	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Methylcyclohexane	ND		0.55	0.28	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Methylene Chloride	ND		1.1	0.63	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
4-Methyl-2-pentanone (MIBK)	ND		2.8	0.86	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Methyl tert-butyl ether	ND		0.55	0.28	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
m-Xylene & p-Xylene	ND		0.55	0.096	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
o-Xylene	ND		0.55	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Styrene	ND		0.55	0.15	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,1,2,2-Tetrachloroethane	ND		0.55	0.12	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Tetrachloroethene	ND		0.55	0.17	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Toluene	ND		0.55	0.13	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
trans-1,2-Dichloroethene	ND		0.55	0.14	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
trans-1,3-Dichloropropene	ND		0.55	0.15	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,2,3-Trichlorobenzene	ND		0.55	0.10	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,2,4-Trichlorobenzene	ND		0.55	0.20	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,1,1-Trichloroethane	ND		0.55	0.13	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,1,2-Trichloroethane	ND		0.55	0.098	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Trichloroethene	ND		0.55	0.18	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Trichlorofluoromethane	ND		0.55	0.22	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.55	0.17	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Vinyl chloride	ND		0.55	0.30	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1
Xylenes, Total	ND		1.1	0.096	ug/Kg	☼	11/16/22 08:41	11/21/22 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*75 - 139*	*11/16/22 08:41*	*11/21/22 01:04*	*1*
Dibromofluoromethane (Surr)	*124*		*73 - 139*	*11/16/22 08:41*	*11/21/22 01:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*140*		*72 - 145*	*11/16/22 08:41*	*11/21/22 01:04*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/16/22 08:41*	*11/21/22 01:04*	*1*

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV28-0-0.5 **Lab Sample ID: 180-147901-5**
Date Collected: 11/14/22 14:20 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Acenaphthylene	ND		380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Acetophenone	ND		380	19	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Anthracene	ND		380	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Atrazine	ND		160	23	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Benzaldehyde	ND		380	64	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Benzo[a]anthracene	**48**		38	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Benzo[a]pyrene	**39**		38	10	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Benzo[b]fluoranthene	**54**		38	10	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Benzo[g,h,i]perylene	**30**	**J**	380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Benzo[k]fluoranthene	**25**	**J**	38	7.6	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Bis(2-chloroethoxy)methane	ND		380	30	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Caprolactam	ND		380	60	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Carbazole	ND		380	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
4-Chloroaniline	ND		380	68	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
4-Chloro-3-methylphenol	ND		380	22	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2-Chloronaphthalene	ND		380	18	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2-Chlorophenol	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
4-Chlorophenyl phenyl ether	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Chrysene	**40**	**J**	380	6.5	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Dibenz(a,h)anthracene	ND		38	17	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Dibenzofuran	ND		380	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
3,3'-Dichlorobenzidine	ND		160	58	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2,4-Dimethylphenol	ND		380	46	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Dimethyl phthalate	ND		380	88	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Di-n-butyl phthalate	ND		380	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2,4-Dinitrophenol	ND		310	190	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2,4-Dinitrotoluene	ND		78	42	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2,6-Dinitrotoluene	ND		78	28	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Di-n-octyl phthalate	ND		380	20	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
1,4-Dioxane	ND		38	34	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Fluoranthene	**65**	**J**	380	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Fluorene	ND		380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Hexachlorobutadiene	ND		78	8.2	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Hexachlorocyclopentadiene	ND		380	34	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Hexachloroethane	ND		38	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Indeno[1,2,3-cd]pyrene	**34**	**J**	38	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Isophorone	ND		160	110	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2-Methylnaphthalene	ND		380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2-Methylphenol	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1

Client Sample ID: SSHS-IRM5A2-SCV28-0-0.5 **Lab Sample ID: 180-147901-5**
Date Collected: 11/14/22 14:20 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	24	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Naphthalene	ND		380	6.7	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
3-Nitroaniline	ND		380	92	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
4-Nitroaniline	ND		380	44	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Nitrobenzene	ND		38	21	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2-Nitrophenol	ND		380	39	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
4-Nitrophenol	ND		780	63	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
N-Nitrosodi-n-propylamine	ND		38	28	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
N-Nitrosodiphenylamine	ND		380	32	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2,2'-oxybis[1-chloropropane]	ND		380	7.0	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Pentachlorophenol	ND		310	79	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Phenanthrene	**23**	**J**	380	6.8	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Phenol	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
Pyrene	**61**	**J**	380	9.6	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
1,2,4,5-Tetrachlorobenzene	ND		380	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2,3,4,6-Tetrachlorophenol	ND		380	26	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2,4,5-Trichlorophenol	ND		380	39	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1
2,4,6-Trichlorophenol	ND		160	50	ug/Kg	☼	11/16/22 20:53	11/17/22 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*22 - 122*	*11/16/22 20:53*	*11/17/22 17:05*	*1*
2-Fluorophenol (Surr)	*82*		*18 - 123*	*11/16/22 20:53*	*11/17/22 17:05*	*1*
Nitrobenzene-d5 (Surr)	*86*		*16 - 125*	*11/16/22 20:53*	*11/17/22 17:05*	*1*
Phenol-d5 (Surr)	*84*		*23 - 120*	*11/16/22 20:53*	*11/17/22 17:05*	*1*
Terphenyl-d14 (Surr)	*99*		*25 - 126*	*11/16/22 20:53*	*11/17/22 17:05*	*1*
2,4,6-Tribromophenol (Surr)	*92*		*10 - 123*	*11/16/22 20:53*	*11/17/22 17:05*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	11/18/22 10:22	11/28/22 13:02	1
PCB-1221	ND		19	6.8	ug/Kg	☼	11/18/22 10:22	11/28/22 13:02	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:22	11/28/22 13:02	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:22	11/28/22 13:02	1
PCB-1248	**180**		19	4.6	ug/Kg	☼	11/18/22 10:22	11/28/22 13:02	1
PCB-1254	**92**		19	5.7	ug/Kg	☼	11/18/22 10:22	11/28/22 13:02	1
PCB-1260	**14**	**J**	19	5.4	ug/Kg	☼	11/18/22 10:22	11/28/22 13:02	1
PCB-1262	ND		19	6.7	ug/Kg	☼	11/18/22 10:22	11/28/22 13:02	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:22	11/28/22 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/18/22 10:22*	*11/28/22 13:02*	*1*
DCB Decachlorobiphenyl (Surr)	*66*		*63 - 138*	*11/18/22 10:22*	*11/28/22 13:02*	*1*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*	*11/18/22 10:22*	*11/28/22 13:02*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*55 - 135*	*11/18/22 10:22*	*11/28/22 13:02*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7700**		21	5.5	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Antimony	ND		2.1	0.37	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1

Client Sample ID: SSHS-IRM5A2-SCV28-0-0.5 — Lab Sample ID: 180-147901-5

Date Collected: 11/14/22 14:20 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 85.4**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.5		1.5	0.32	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Barium	120		21	0.37	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Beryllium	0.35	J	0.51	0.055	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Cadmium	0.22	J	0.51	0.049	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Calcium	1900		510	37	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Chromium	10		1.0	0.35	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Cobalt	6.8		1.0	0.21	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Copper	15		2.6	0.24	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Iron	14000		21	7.1	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Lead	40		1.0	0.29	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Magnesium	2100		510	47	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Manganese	430		1.5	1.1	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Nickel	16		4.1	0.24	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Potassium	1200		510	81	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Selenium	0.60	J	2.1	0.48	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Silver	ND		1.0	0.083	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Sodium	66	J	510	64	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Thallium	ND		2.1	0.41	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Vanadium	11		5.1	0.84	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1
Zinc	280		5.1	1.4	mg/Kg	☼	11/15/22 15:00	11/16/22 10:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.22		0.12	0.022	mg/Kg	☼	11/15/22 15:00	11/16/22 15:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.6		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	85.4		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV28-0.5-1 — Lab Sample ID: 180-147901-6

Date Collected: 11/14/22 14:25 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 85.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.5	2.4	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Benzene	ND		0.42	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Bromoform	ND		0.42	0.18	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Bromomethane	ND		0.84	0.42	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
2-Butanone (MEK)	ND		2.1	0.15	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Carbon disulfide	ND		0.42	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Carbon tetrachloride	ND		0.42	0.16	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Chlorobenzene	ND		0.42	0.075	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Chlorobromomethane	ND		0.42	0.12	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Chlorodibromomethane	ND		0.42	0.082	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Chloroethane	ND		0.42	0.22	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Chloroform	ND		0.42	0.41	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Chloromethane	ND		0.42	0.18	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
cis-1,2-Dichloroethene	ND		0.42	0.15	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV28-0.5-1 **Lab Sample ID: 180-147901-6**
Date Collected: 11/14/22 14:25 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.42	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Cyclohexane	ND		0.42	0.093	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,2-Dibromo-3-Chloropropane	ND		0.42	0.19	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,2-Dibromoethane	ND		0.42	0.076	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,2-Dichlorobenzene	ND		0.42	0.15	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,3-Dichlorobenzene	ND		0.42	0.15	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,4-Dichlorobenzene	ND		0.42	0.095	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Dichlorobromomethane	ND		0.42	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Dichlorodifluoromethane	ND		0.42	0.14	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,1-Dichloroethane	ND		0.42	0.087	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,2-Dichloroethane	ND		0.42	0.12	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,1-Dichloroethene	ND		0.42	0.095	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,2-Dichloroethene, Total	ND		0.84	0.16	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,2-Dichloropropane	ND		0.42	0.18	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,4-Dioxane	ND		42	3.9	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Ethylbenzene	ND		0.42	0.084	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
2-Hexanone	ND		2.1	0.72	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Isopropylbenzene	ND		0.42	0.12	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Methyl acetate	ND		2.1	1.8	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Methylcyclohexane	ND		0.42	0.21	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Methylene Chloride	ND		0.84	0.48	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
4-Methyl-2-pentanone (MIBK)	ND		2.1	0.65	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Methyl tert-butyl ether	ND		0.42	0.22	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
m-Xylene & p-Xylene	**0.075**	**J**	0.42	0.073	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
o-Xylene	ND		0.42	0.082	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Styrene	ND		0.42	0.12	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,1,2,2-Tetrachloroethane	ND		0.42	0.090	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Tetrachloroethene	ND		0.42	0.13	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Toluene	ND		0.42	0.099	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
trans-1,2-Dichloroethene	ND		0.42	0.10	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
trans-1,3-Dichloropropene	ND		0.42	0.11	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,2,3-Trichlorobenzene	ND		0.42	0.076	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,2,4-Trichlorobenzene	ND		0.42	0.15	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,1,1-Trichloroethane	ND		0.42	0.098	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,1,2-Trichloroethane	ND		0.42	0.075	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Trichloroethene	ND		0.42	0.14	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Trichlorofluoromethane	ND		0.42	0.17	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.42	0.13	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Vinyl chloride	ND		0.42	0.23	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1
Xylenes, Total	**0.075**	**J**	0.84	0.073	ug/Kg	☼	11/16/22 08:41	11/21/22 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*75 - 139*	*11/16/22 08:41*	*11/21/22 01:27*	*1*
Dibromofluoromethane (Surr)	*122*		*73 - 139*	*11/16/22 08:41*	*11/21/22 01:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*72 - 145*	*11/16/22 08:41*	*11/21/22 01:27*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*11/16/22 08:41*	*11/21/22 01:27*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV28-0.5-1 **Lab Sample ID: 180-147901-6**
Date Collected: 11/14/22 14:25 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.9**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**44**	**J**	380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Acetophenone	ND		380	19	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Anthracene	**18**	**J**	380	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Atrazine	ND		150	23	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Benzaldehyde	ND		380	63	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Benzo[a]anthracene	**86**		38	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Benzo[a]pyrene	**99**		38	10	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Benzo[b]fluoranthene	**150**		38	9.9	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Benzo[g,h,i]perylene	**75**	**J**	380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Benzo[k]fluoranthene	**49**		38	7.5	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Bis(2-chloroethoxy)methane	ND		380	30	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Caprolactam	ND		380	60	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Carbazole	ND		380	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
4-Chloroaniline	ND		380	68	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
4-Chloro-3-methylphenol	ND		380	22	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2-Chloronaphthalene	ND		380	18	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2-Chlorophenol	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
4-Chlorophenyl phenyl ether	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Chrysene	**110**	**J**	380	6.5	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Dibenz(a,h)anthracene	**20**	**J**	38	17	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Dibenzofuran	**22**	**J**	380	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
3,3'-Dichlorobenzidine	ND		150	58	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2,4-Dichlorophenol	ND		150	25	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2,4-Dimethylphenol	ND		380	46	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Dimethyl phthalate	ND		380	87	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Di-n-butyl phthalate	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2,4-Dinitrophenol	ND		310	190	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2,4-Dinitrotoluene	ND		78	41	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2,6-Dinitrotoluene	ND		78	28	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Di-n-octyl phthalate	ND		380	20	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
1,4-Dioxane	ND		38	34	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Fluoranthene	**140**	**J**	380	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Fluorene	ND		380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Hexachlorobutadiene	ND		78	8.2	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Hexachlorocyclopentadiene	ND		380	34	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Hexachloroethane	ND		38	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Indeno[1,2,3-cd]pyrene	**83**		38	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Isophorone	ND		150	110	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2-Methylnaphthalene	**78**	**J**	380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2-Methylphenol	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Methylphenol, 3 & 4	ND		380	24	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV28-0.5-1 **Lab Sample ID: 180-147901-6**
Date Collected: 11/14/22 14:25 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.9**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**72**	**J**	380	6.6	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
3-Nitroaniline	ND		380	91	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
4-Nitroaniline	ND		380	44	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Nitrobenzene	ND		38	21	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2-Nitrophenol	ND		380	38	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
4-Nitrophenol	ND		780	63	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
N-Nitrosodi-n-propylamine	ND		38	28	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
N-Nitrosodiphenylamine	ND		380	32	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2,2'-oxybis[1-chloropropane]	ND		380	6.9	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Pentachlorophenol	ND		310	79	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Phenanthrene	**81**	**J**	380	6.7	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Phenol	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
Pyrene	**150**	**J**	380	9.5	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
1,2,4,5-Tetrachlorobenzene	ND		380	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2,3,4,6-Tetrachlorophenol	ND		380	26	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2,4,5-Trichlorophenol	ND		380	39	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1
2,4,6-Trichlorophenol	ND		150	49	ug/Kg	☼	11/16/22 20:53	11/17/22 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*22 - 122*	*11/16/22 20:53*	*11/17/22 19:58*	*1*
2-Fluorophenol (Surr)	*81*		*18 - 123*	*11/16/22 20:53*	*11/17/22 19:58*	*1*
Nitrobenzene-d5 (Surr)	*89*		*16 - 125*	*11/16/22 20:53*	*11/17/22 19:58*	*1*
Phenol-d5 (Surr)	*83*		*23 - 120*	*11/16/22 20:53*	*11/17/22 19:58*	*1*
Terphenyl-d14 (Surr)	*95*		*25 - 126*	*11/16/22 20:53*	*11/17/22 19:58*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 123*	*11/16/22 20:53*	*11/17/22 19:58*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	11/18/22 10:22	11/28/22 13:21	1
PCB-1221	ND		19	6.8	ug/Kg	☼	11/18/22 10:22	11/28/22 13:21	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:22	11/28/22 13:21	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:22	11/28/22 13:21	1
PCB-1248	**23**		19	4.6	ug/Kg	☼	11/18/22 10:22	11/28/22 13:21	1
PCB-1254	**18**	**J**	19	5.7	ug/Kg	☼	11/18/22 10:22	11/28/22 13:21	1
PCB-1260	**6.2**	**J**	19	5.4	ug/Kg	☼	11/18/22 10:22	11/28/22 13:21	1
PCB-1262	ND		19	6.7	ug/Kg	☼	11/18/22 10:22	11/28/22 13:21	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:22	11/28/22 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*57*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 13:21*	*1*
DCB Decachlorobiphenyl (Surr)	*54*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 13:21*	*1*
Tetrachloro-m-xylene (Surr)	*63*		*55 - 135*	*11/18/22 10:22*	*11/28/22 13:21*	*1*
Tetrachloro-m-xylene (Surr)	*59*		*55 - 135*	*11/18/22 10:22*	*11/28/22 13:21*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8400**		23	6.1	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Antimony	**0.50**	**J**	2.3	0.41	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Arsenic	**8.3**		1.7	0.36	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1

Client Sample ID: SSHS-IRM5A2-SCV28-0.5-1

Lab Sample ID: 180-147901-6

Date Collected: 11/14/22 14:25
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 85.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	130		23	0.42	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Beryllium	0.43	J	0.58	0.062	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Cadmium	0.30	J	0.58	0.055	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Calcium	1900		580	42	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Chromium	11		1.2	0.40	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Cobalt	8.1		1.2	0.23	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Copper	23		2.9	0.27	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Iron	16000		23	8.0	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Lead	52		1.2	0.32	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Magnesium	1700		580	53	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Manganese	670		1.7	1.3	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Nickel	16		4.6	0.27	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Potassium	540	J	580	91	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Selenium	0.71	J	2.3	0.54	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Silver	ND		1.2	0.093	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Sodium	ND		580	72	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Thallium	ND		2.3	0.46	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Vanadium	14		5.8	0.95	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1
Zinc	89		5.8	1.6	mg/Kg	☼	11/15/22 15:00	11/16/22 10:46	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.094	J	0.12	0.022	mg/Kg	☼	11/15/22 15:00	11/16/22 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.1		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	85.9		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV29-0-0.5

Lab Sample ID: 180-147901-7

Date Collected: 11/14/22 14:30
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 78.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	110		5.6	5.3	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Benzene	ND		0.93	0.24	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Bromoform	ND		0.93	0.40	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Bromomethane	ND		1.9	0.93	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
2-Butanone (MEK)	ND		4.7	0.34	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Carbon disulfide	ND		0.93	0.25	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Carbon tetrachloride	ND		0.93	0.36	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Chlorobenzene	ND		0.93	0.16	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Chlorobromomethane	ND		0.93	0.26	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Chlorodibromomethane	ND		0.93	0.18	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Chloroethane	ND		0.93	0.49	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Chloroform	ND		0.93	0.90	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Chloromethane	ND		0.93	0.40	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
cis-1,2-Dichloroethene	ND		0.93	0.33	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
cis-1,3-Dichloropropene	ND		0.93	0.25	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV29-0-0.5 **Lab Sample ID: 180-147901-7**
Date Collected: 11/14/22 14:30 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 78.8**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		0.93	0.21	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,2-Dibromo-3-Chloropropane	ND		0.93	0.43	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,2-Dibromoethane	ND		0.93	0.17	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,2-Dichlorobenzene	ND		0.93	0.34	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,3-Dichlorobenzene	ND		0.93	0.34	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,4-Dichlorobenzene	ND		0.93	0.21	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Dichlorobromomethane	ND		0.93	0.24	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Dichlorodifluoromethane	ND		0.93	0.31	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,1-Dichloroethane	ND		0.93	0.19	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,2-Dichloroethane	ND		0.93	0.28	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,1-Dichloroethene	ND		0.93	0.21	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,2-Dichloroethene, Total	ND		1.9	0.36	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,2-Dichloropropane	ND	*+	0.93	0.39	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,4-Dioxane	ND		93	8.5	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Ethylbenzene	ND		0.93	0.19	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
2-Hexanone	ND		4.7	1.6	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Isopropylbenzene	ND		0.93	0.27	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Methyl acetate	ND		4.7	4.0	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Methylcyclohexane	ND		0.93	0.46	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Methylene Chloride	ND		1.9	1.1	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
4-Methyl-2-pentanone (MIBK)	ND		4.7	1.4	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Methyl tert-butyl ether	ND		0.93	0.48	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
m-Xylene & p-Xylene	**0.19**	**J**	0.93	0.16	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
o-Xylene	ND		0.93	0.18	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Styrene	ND		0.93	0.26	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,1,2,2-Tetrachloroethane	ND		0.93	0.20	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Tetrachloroethene	ND		0.93	0.28	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Toluene	**0.31**	**J**	0.93	0.22	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
trans-1,2-Dichloroethene	ND		0.93	0.23	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
trans-1,3-Dichloropropene	ND		0.93	0.25	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,2,3-Trichlorobenzene	ND		0.93	0.17	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,2,4-Trichlorobenzene	ND		0.93	0.33	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,1,1-Trichloroethane	ND		0.93	0.22	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,1,2-Trichloroethane	ND		0.93	0.17	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Trichloroethene	ND		0.93	0.30	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Trichlorofluoromethane	ND		0.93	0.38	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.93	0.28	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Vinyl chloride	ND		0.93	0.51	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1
Xylenes, Total	**0.19**	**J**	1.9	0.16	ug/Kg	☼	11/16/22 08:42	11/21/22 08:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*75 - 139*	*11/16/22 08:42*	*11/21/22 08:12*	*1*
Dibromofluoromethane (Surr)	*121*		*73 - 139*	*11/16/22 08:42*	*11/21/22 08:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*72 - 145*	*11/16/22 08:42*	*11/21/22 08:12*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*11/16/22 08:42*	*11/21/22 08:12*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		420	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Acenaphthylene	ND		420	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV29-0-0.5 **Lab Sample ID: 180-147901-7**
Date Collected: 11/14/22 14:30 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 78.8**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		420	21	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Anthracene	ND		420	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Atrazine	ND		170	25	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Benzaldehyde	ND		420	69	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Benzo[a]anthracene	**29**	**J**	42	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Benzo[a]pyrene	**21**	**J**	42	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Benzo[b]fluoranthene	**29**	**J**	42	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Benzo[g,h,i]perylene	**16**	**J**	420	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Benzo[k]fluoranthene	**12**	**J**	42	8.2	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
1,1'-Biphenyl	ND		420	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Bis(2-chloroethoxy)methane	ND		420	33	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Bis(2-chloroethyl)ether	ND		42	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Bis(2-ethylhexyl) phthalate	ND		420	22	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
4-Bromophenyl phenyl ether	ND		420	17	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Butyl benzyl phthalate	ND		420	20	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Caprolactam	ND		420	65	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Carbazole	ND		420	16	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
4-Chloroaniline	ND		420	74	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
4-Chloro-3-methylphenol	ND		420	24	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2-Chloronaphthalene	ND		420	19	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2-Chlorophenol	ND		420	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
4-Chlorophenyl phenyl ether	ND		420	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Chrysene	**25**	**J**	420	7.1	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Dibenz(a,h)anthracene	ND		42	18	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Dibenzofuran	ND		420	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
3,3'-Dichlorobenzidine	ND		170	63	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2,4-Dichlorophenol	ND		170	27	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Diethyl phthalate	ND		420	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2,4-Dimethylphenol	ND		420	50	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Dimethyl phthalate	ND		420	95	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Di-n-butyl phthalate	ND		420	16	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
4,6-Dinitro-2-methylphenol	ND		340	170	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2,4-Dinitrophenol	ND		340	210	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2,4-Dinitrotoluene	ND		85	45	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2,6-Dinitrotoluene	ND		85	30	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Di-n-octyl phthalate	ND		420	22	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
1,4-Dioxane	ND		42	37	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Fluoranthene	**37**	**J**	420	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Fluorene	ND		420	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Hexachlorobenzene	ND		42	20	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Hexachlorobutadiene	ND		85	8.9	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Hexachlorocyclopentadiene	ND		420	37	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Hexachloroethane	ND		42	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Indeno[1,2,3-cd]pyrene	ND		42	16	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Isophorone	ND		170	120	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2-Methylnaphthalene	ND		420	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2-Methylphenol	ND		420	16	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Methylphenol, 3 & 4	ND		420	26	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Naphthalene	ND		420	7.2	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1

Client Sample ID: SSHS-IRM5A2-SCV29-0-0.5 — Lab Sample ID: 180-147901-7

Date Collected: 11/14/22 14:30 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 78.8**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		420	32	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
3-Nitroaniline	ND		420	99	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
4-Nitroaniline	ND		420	48	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Nitrobenzene	ND		42	23	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2-Nitrophenol	ND		420	42	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
4-Nitrophenol	ND		850	68	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
N-Nitrosodi-n-propylamine	ND		42	30	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
N-Nitrosodiphenylamine	ND		420	34	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2,2'-oxybis[1-chloropropane]	ND		420	7.6	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Pentachlorophenol	ND		340	86	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Phenanthrene	**27**	**J**	420	7.4	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Phenol	ND		420	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
Pyrene	**36**	**J**	420	10	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
1,2,4,5-Tetrachlorobenzene	ND		420	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2,3,4,6-Tetrachlorophenol	ND		420	28	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2,4,5-Trichlorophenol	ND		420	43	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1
2,4,6-Trichlorophenol	ND		170	54	ug/Kg	☼	11/16/22 20:53	11/17/22 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*22 - 122*	*11/16/22 20:53*	*11/17/22 17:40*	*1*
2-Fluorophenol (Surr)	*82*		*18 - 123*	*11/16/22 20:53*	*11/17/22 17:40*	*1*
Nitrobenzene-d5 (Surr)	*87*		*16 - 125*	*11/16/22 20:53*	*11/17/22 17:40*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*11/16/22 20:53*	*11/17/22 17:40*	*1*
Terphenyl-d14 (Surr)	*102*		*25 - 126*	*11/16/22 20:53*	*11/17/22 17:40*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 123*	*11/16/22 20:53*	*11/17/22 17:40*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.9	ug/Kg	☼	11/18/22 10:22	11/28/22 13:40	1
PCB-1221	ND		21	7.5	ug/Kg	☼	11/18/22 10:22	11/28/22 13:40	1
PCB-1232	ND		21	5.2	ug/Kg	☼	11/18/22 10:22	11/28/22 13:40	1
PCB-1242	ND		21	3.1	ug/Kg	☼	11/18/22 10:22	11/28/22 13:40	1
PCB-1248	**140**		21	5.1	ug/Kg	☼	11/18/22 10:22	11/28/22 13:40	1
PCB-1254	**65**		21	6.3	ug/Kg	☼	11/18/22 10:22	11/28/22 13:40	1
PCB-1260	**13**	**J**	21	6.0	ug/Kg	☼	11/18/22 10:22	11/28/22 13:40	1
PCB-1262	ND		21	7.4	ug/Kg	☼	11/18/22 10:22	11/28/22 13:40	1
PCB-1268	ND		21	2.8	ug/Kg	☼	11/18/22 10:22	11/28/22 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*54*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 13:40*	*1*
DCB Decachlorobiphenyl (Surr)	*52*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 13:40*	*1*
Tetrachloro-m-xylene (Surr)	*65*		*55 - 135*	*11/18/22 10:22*	*11/28/22 13:40*	*1*
Tetrachloro-m-xylene (Surr)	*60*		*55 - 135*	*11/18/22 10:22*	*11/28/22 13:40*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8900**		22	5.9	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Antimony	**0.40**	**J**	2.2	0.40	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Arsenic	**6.9**		1.7	0.35	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Barium	**130**		22	0.40	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1

Client Sample ID: SSHS-IRM5A2-SCV29-0-0.5

Lab Sample ID: 180-147901-7

Date Collected: 11/14/22 14:30
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 78.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.42	J	0.56	0.060	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Cadmium	0.17	J	0.56	0.053	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Calcium	1700		560	41	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Chromium	11		1.1	0.38	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Cobalt	7.2		1.1	0.22	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Copper	21		2.8	0.26	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Iron	16000		22	7.7	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Lead	45		1.1	0.31	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Magnesium	2000		560	51	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Manganese	510		1.7	1.2	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Nickel	18		4.5	0.26	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Potassium	660		560	88	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Selenium	0.94	J	2.2	0.52	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Silver	ND		1.1	0.090	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Sodium	ND		560	70	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Thallium	ND		2.2	0.44	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Vanadium	13		5.6	0.92	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1
Zinc	250		5.6	1.5	mg/Kg	☼	11/15/22 15:00	11/16/22 10:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10	J	0.12	0.021	mg/Kg	☼	11/15/22 15:00	11/16/22 15:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	21.2		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	78.8		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV29-0.5-1

Lab Sample ID: 180-147901-8

Date Collected: 11/14/22 14:35
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 85.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4.0	3.8	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Benzene	ND		0.66	0.17	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Bromoform	ND		0.66	0.28	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Bromomethane	ND		1.3	0.66	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
2-Butanone (MEK)	ND		3.3	0.24	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Carbon disulfide	ND		0.66	0.18	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Carbon tetrachloride	ND		0.66	0.26	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Chlorobenzene	ND		0.66	0.12	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Chlorobromomethane	ND		0.66	0.19	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Chlorodibromomethane	ND		0.66	0.13	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Chloroethane	ND		0.66	0.35	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Chloroform	ND		0.66	0.65	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Chloromethane	ND		0.66	0.29	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
cis-1,2-Dichloroethene	ND		0.66	0.24	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
cis-1,3-Dichloropropene	ND		0.66	0.18	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Cyclohexane	ND		0.66	0.15	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV29-0.5-1 **Lab Sample ID: 180-147901-8**
Date Collected: 11/14/22 14:35 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		0.66	0.31	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,2-Dibromoethane	ND		0.66	0.12	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,2-Dichlorobenzene	ND		0.66	0.24	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,3-Dichlorobenzene	ND		0.66	0.24	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,4-Dichlorobenzene	ND		0.66	0.15	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Dichlorobromomethane	ND		0.66	0.17	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Dichlorodifluoromethane	ND		0.66	0.22	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,1-Dichloroethane	ND		0.66	0.14	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,2-Dichloroethane	ND		0.66	0.20	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,1-Dichloroethene	ND		0.66	0.15	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,2-Dichloroethene, Total	ND		1.3	0.25	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,2-Dichloropropane	ND		0.66	0.28	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,4-Dioxane	ND		66	6.1	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Ethylbenzene	ND		0.66	0.13	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
2-Hexanone	ND		3.3	1.1	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Isopropylbenzene	ND		0.66	0.19	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Methyl acetate	ND		3.3	2.9	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Methylcyclohexane	ND		0.66	0.33	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Methylene Chloride	ND		1.3	0.76	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
4-Methyl-2-pentanone (MIBK)	ND		3.3	1.0	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Methyl tert-butyl ether	ND		0.66	0.34	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
m-Xylene & p-Xylene	**0.14**	**J**	0.66	0.12	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
o-Xylene	ND		0.66	0.13	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Styrene	ND		0.66	0.18	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,1,2,2-Tetrachloroethane	ND		0.66	0.14	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Tetrachloroethene	ND		0.66	0.20	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Toluene	ND		0.66	0.16	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
trans-1,2-Dichloroethene	ND		0.66	0.16	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
trans-1,3-Dichloropropene	ND		0.66	0.18	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,2,3-Trichlorobenzene	ND		0.66	0.12	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,2,4-Trichlorobenzene	ND		0.66	0.24	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,1,1-Trichloroethane	ND		0.66	0.15	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,1,2-Trichloroethane	ND		0.66	0.12	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Trichloroethene	ND		0.66	0.21	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Trichlorofluoromethane	ND		0.66	0.27	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.66	0.20	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Vinyl chloride	ND		0.66	0.36	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1
Xylenes, Total	**0.14**	**J**	1.3	0.12	ug/Kg	☼	11/16/22 08:42	11/21/22 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*75 - 139*	*11/16/22 08:42*	*11/21/22 02:13*	*1*
Dibromofluoromethane (Surr)	*120*		*73 - 139*	*11/16/22 08:42*	*11/21/22 02:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*		*72 - 145*	*11/16/22 08:42*	*11/21/22 02:13*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*11/16/22 08:42*	*11/21/22 02:13*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Acenaphthylene	**12**	**J**	390	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Acetophenone	ND		390	19	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV29-0.5-1
Lab Sample ID: 180-147901-8
Date Collected: 11/14/22 14:35
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 85.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		390	12	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Atrazine	ND		160	23	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Benzaldehyde	ND		390	64	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Benzo[a]anthracene	**38**	**J**	39	13	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Benzo[a]pyrene	**36**	**J**	39	10	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Benzo[b]fluoranthene	**53**		39	10	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Benzo[g,h,i]perylene	**29**	**J**	390	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Benzo[k]fluoranthene	**24**	**J**	39	7.6	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
1,1'-Biphenyl	ND		390	13	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Bis(2-chloroethoxy)methane	ND		390	30	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Bis(2-chloroethyl)ether	ND		39	13	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Bis(2-ethylhexyl) phthalate	ND		390	20	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
4-Bromophenyl phenyl ether	ND		390	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Butyl benzyl phthalate	ND		390	18	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Caprolactam	ND		390	60	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Carbazole	ND		390	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
4-Chloroaniline	ND		390	69	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Chrysene	**41**	**J**	390	6.5	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Dibenz(a,h)anthracene	ND		39	17	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Dibenzofuran	ND		390	13	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
3,3'-Dichlorobenzidine	ND		160	58	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Diethyl phthalate	ND		390	12	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2,4-Dimethylphenol	ND		390	46	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Dimethyl phthalate	ND		390	88	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Di-n-butyl phthalate	ND		390	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2,4-Dinitrophenol	ND		310	190	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2,4-Dinitrotoluene	ND		78	42	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2,6-Dinitrotoluene	ND		78	28	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Di-n-octyl phthalate	ND		390	20	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
1,4-Dioxane	ND		39	34	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Fluoranthene	**50**	**J**	390	13	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Fluorene	ND		390	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Hexachlorobenzene	ND		39	18	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Hexachlorobutadiene	ND		78	8.2	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Hexachlorocyclopentadiene	ND		390	34	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Hexachloroethane	ND		39	13	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Indeno[1,2,3-cd]pyrene	**32**	**J**	39	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Isophorone	ND		160	110	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2-Methylnaphthalene	**20**	**J**	390	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2-Methylphenol	ND		390	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Methylphenol, 3 & 4	ND		390	24	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Naphthalene	**19**	**J**	390	6.7	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2-Nitroaniline	ND		390	29	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1

Client Sample ID: SSHS-IRM5A2-SCV29-0.5-1 **Lab Sample ID: 180-147901-8**
Date Collected: 11/14/22 14:35 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		390	92	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
4-Nitroaniline	ND		390	44	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Nitrobenzene	ND		39	21	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2-Nitrophenol	ND		390	39	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
4-Nitrophenol	ND		780	63	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
N-Nitrosodi-n-propylamine	ND		39	28	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
N-Nitrosodiphenylamine	ND		390	32	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2,2'-oxybis[1-chloropropane]	ND		390	7.0	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Pentachlorophenol	ND		310	79	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Phenanthrene	**35**	**J**	390	6.8	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Phenol	ND		390	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
Pyrene	**56**	**J**	390	9.6	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
1,2,4,5-Tetrachlorobenzene	ND		390	12	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2,3,4,6-Tetrachlorophenol	ND		390	26	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2,4,5-Trichlorophenol	ND		390	39	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1
2,4,6-Trichlorophenol	ND		160	50	ug/Kg	☼	11/16/22 20:53	11/17/22 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*96*		*22 - 122*	*11/16/22 20:53*	*11/17/22 16:14*	*1*
2-Fluorophenol (Surr)	*87*		*18 - 123*	*11/16/22 20:53*	*11/17/22 16:14*	*1*
Nitrobenzene-d5 (Surr)	*91*		*16 - 125*	*11/16/22 20:53*	*11/17/22 16:14*	*1*
Phenol-d5 (Surr)	*88*		*23 - 120*	*11/16/22 20:53*	*11/17/22 16:14*	*1*
Terphenyl-d14 (Surr)	*104*		*25 - 126*	*11/16/22 20:53*	*11/17/22 16:14*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 123*	*11/16/22 20:53*	*11/17/22 16:14*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	11/18/22 10:22	11/28/22 13:59	1
PCB-1221	ND		19	6.9	ug/Kg	☼	11/18/22 10:22	11/28/22 13:59	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:22	11/28/22 13:59	1
PCB-1242	ND		19	2.9	ug/Kg	☼	11/18/22 10:22	11/28/22 13:59	1
PCB-1248	**18**	**J**	19	4.7	ug/Kg	☼	11/18/22 10:22	11/28/22 13:59	1
PCB-1254	**27**		19	5.8	ug/Kg	☼	11/18/22 10:22	11/28/22 13:59	1
PCB-1260	**10**	**J**	19	5.5	ug/Kg	☼	11/18/22 10:22	11/28/22 13:59	1
PCB-1262	ND		19	6.8	ug/Kg	☼	11/18/22 10:22	11/28/22 13:59	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:22	11/28/22 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*53*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 13:59*	*1*
DCB Decachlorobiphenyl (Surr)	*50*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 13:59*	*1*
Tetrachloro-m-xylene (Surr)	*61*		*55 - 135*	*11/18/22 10:22*	*11/28/22 13:59*	*1*
Tetrachloro-m-xylene (Surr)	*58*		*55 - 135*	*11/18/22 10:22*	*11/28/22 13:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8900**		23	6.2	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Antimony	**0.52**	**J**	2.3	0.42	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Arsenic	**7.7**		1.8	0.37	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Barium	**110**		23	0.42	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Beryllium	**0.44**	**J**	0.58	0.063	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1

Client Sample ID: SSHS-IRM5A2-SCV29-0.5-1 — Lab Sample ID: 180-147901-8

Date Collected: 11/14/22 14:35 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 85.6**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.17	J	0.58	0.056	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Calcium	1400		580	43	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Chromium	11		1.2	0.40	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Cobalt	6.6		1.2	0.23	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Copper	22		2.9	0.28	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Iron	17000		23	8.1	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Lead	48		1.2	0.33	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Magnesium	1800		580	54	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Manganese	550		1.8	1.3	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Nickel	15		4.7	0.27	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Potassium	640		580	93	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Selenium	0.97	J	2.3	0.55	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Silver	ND		1.2	0.095	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Sodium	ND		580	73	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Thallium	ND		2.3	0.47	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Vanadium	14		5.8	0.96	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1
Zinc	79		5.8	1.6	mg/Kg	☼	11/15/22 15:00	11/16/22 10:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.092	J	0.12	0.022	mg/Kg	☼	11/15/22 15:00	11/16/22 15:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.4		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	85.6		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV30-0-0.5 — Lab Sample ID: 180-147901-9

Date Collected: 11/14/22 14:40 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 89.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		3.3	3.1	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Benzene	ND		0.54	0.14	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Bromoform	ND		0.54	0.23	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Bromomethane	ND		1.1	0.54	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
2-Butanone (MEK)	ND		2.7	0.20	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Carbon disulfide	ND		0.54	0.14	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Carbon tetrachloride	ND		0.54	0.21	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Chlorobenzene	ND		0.54	0.096	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Chlorobromomethane	ND		0.54	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Chlorodibromomethane	ND		0.54	0.11	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Chloroethane	ND		0.54	0.28	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Chloroform	ND		0.54	0.53	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Chloromethane	ND		0.54	0.24	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
cis-1,2-Dichloroethene	ND		0.54	0.19	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
cis-1,3-Dichloropropene	ND		0.54	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Cyclohexane	ND		0.54	0.12	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,2-Dibromo-3-Chloropropane	ND		0.54	0.25	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1

Client Sample ID: SSHS-IRM5A2-SCV30-0-0.5 **Lab Sample ID: 180-147901-9**
Date Collected: 11/14/22 14:40 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 89.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.54	0.098	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,2-Dichlorobenzene	ND		0.54	0.20	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,3-Dichlorobenzene	ND		0.54	0.20	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,4-Dichlorobenzene	ND		0.54	0.12	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Dichlorobromomethane	ND		0.54	0.14	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Dichlorodifluoromethane	ND		0.54	0.18	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,1-Dichloroethane	ND		0.54	0.11	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,2-Dichloroethane	ND		0.54	0.16	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,1-Dichloroethene	ND		0.54	0.12	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,2-Dichloroethene, Total	ND		1.1	0.21	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,2-Dichloropropane	ND		0.54	0.23	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,4-Dioxane	ND		54	5.0	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Ethylbenzene	ND		0.54	0.11	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
2-Hexanone	ND		2.7	0.93	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Isopropylbenzene	ND		0.54	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Methyl acetate	ND		2.7	2.3	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Methylcyclohexane	ND		0.54	0.27	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Methylene Chloride	ND		1.1	0.62	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
4-Methyl-2-pentanone (MIBK)	ND		2.7	0.84	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Methyl tert-butyl ether	ND		0.54	0.28	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
m-Xylene & p-Xylene	ND		0.54	0.095	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
o-Xylene	ND		0.54	0.11	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Styrene	ND		0.54	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,1,2,2-Tetrachloroethane	ND		0.54	0.12	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Tetrachloroethene	ND		0.54	0.17	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Toluene	ND		0.54	0.13	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
trans-1,2-Dichloroethene	ND		0.54	0.13	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
trans-1,3-Dichloropropene	ND		0.54	0.14	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,2,3-Trichlorobenzene	ND		0.54	0.098	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,2,4-Trichlorobenzene	ND		0.54	0.19	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,1,1-Trichloroethane	ND		0.54	0.13	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,1,2-Trichloroethane	ND		0.54	0.097	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Trichloroethene	ND		0.54	0.17	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Trichlorofluoromethane	ND		0.54	0.22	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.54	0.16	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Vinyl chloride	ND		0.54	0.30	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1
Xylenes, Total	ND		1.1	0.095	ug/Kg	☼	11/16/22 08:43	11/21/22 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*75 - 139*	*11/16/22 08:43*	*11/21/22 02:36*	*1*
Dibromofluoromethane (Surr)	*124*		*73 - 139*	*11/16/22 08:43*	*11/21/22 02:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*141*		*72 - 145*	*11/16/22 08:43*	*11/21/22 02:36*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/16/22 08:43*	*11/21/22 02:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Acenaphthylene	**17**	**J**	370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Acetophenone	ND		370	18	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Anthracene	**17**	**J**	370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV30-0-0.5
Lab Sample ID: 180-147901-9
Date Collected: 11/14/22 14:40
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 89.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		150	22	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Benzaldehyde	ND		370	61	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Benzo[a]anthracene	**70**		37	13	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Benzo[a]pyrene	**74**		37	9.9	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Benzo[b]fluoranthene	**110**		37	9.6	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Benzo[g,h,i]perylene	**56**	**J**	370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Benzo[k]fluoranthene	**38**		37	7.3	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Bis(2-ethylhexyl) phthalate	ND		370	20	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Butyl benzyl phthalate	**19**	**J**	370	17	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Caprolactam	ND		370	58	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Carbazole	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
4-Chloroaniline	ND		370	66	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Chrysene	**88**	**J**	370	6.3	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Dibenz(a,h)anthracene	ND		37	16	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Dibenzofuran	ND		370	12	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
3,3'-Dichlorobenzidine	ND		150	56	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2,4-Dimethylphenol	ND		370	44	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Dimethyl phthalate	ND		370	84	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Di-n-butyl phthalate	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2,4-Dinitrophenol	ND		300	180	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2,4-Dinitrotoluene	ND		75	40	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2,6-Dinitrotoluene	ND		75	27	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Di-n-octyl phthalate	ND		370	20	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
1,4-Dioxane	ND		37	32	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Fluoranthene	**130**	**J**	370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Fluorene	ND		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Hexachlorobenzene	ND		37	18	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Hexachlorobutadiene	ND		75	7.9	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Hexachlorocyclopentadiene	ND		370	32	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Indeno[1,2,3-cd]pyrene	**67**		37	14	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Isophorone	ND		150	110	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2-Methylnaphthalene	**18**	**J**	370	10	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Methylphenol, 3 & 4	ND		370	23	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Naphthalene	**22**	**J**	370	6.4	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
3-Nitroaniline	ND		370	88	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV30-0-0.5 **Lab Sample ID: 180-147901-9**
Date Collected: 11/14/22 14:40 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 89.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		370	42	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Nitrobenzene	ND		37	21	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2-Nitrophenol	ND		370	37	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
4-Nitrophenol	ND		750	60	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
N-Nitrosodiphenylamine	ND		370	30	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2,2'-oxybis[1-chloropropane]	ND		370	6.7	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Pentachlorophenol	ND		300	76	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Phenanthrene	**73**	**J**	370	6.5	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Phenol	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
Pyrene	**120**	**J**	370	9.2	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
1,2,4,5-Tetrachlorobenzene	ND		370	12	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2,4,5-Trichlorophenol	ND		370	38	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	11/16/22 20:53	11/17/22 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*22 - 122*	*11/16/22 20:53*	*11/17/22 20:15*	*1*
2-Fluorophenol (Surr)	*80*		*18 - 123*	*11/16/22 20:53*	*11/17/22 20:15*	*1*
Nitrobenzene-d5 (Surr)	*88*		*16 - 125*	*11/16/22 20:53*	*11/17/22 20:15*	*1*
Phenol-d5 (Surr)	*82*		*23 - 120*	*11/16/22 20:53*	*11/17/22 20:15*	*1*
Terphenyl-d14 (Surr)	*95*		*25 - 126*	*11/16/22 20:53*	*11/17/22 20:15*	*1*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 123*	*11/16/22 20:53*	*11/17/22 20:15*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	11/18/22 10:22	11/28/22 14:18	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/18/22 10:22	11/28/22 14:18	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/18/22 10:22	11/28/22 14:18	1
PCB-1242	ND		18	2.7	ug/Kg	☼	11/18/22 10:22	11/28/22 14:18	1
PCB-1248	**380**		18	4.4	ug/Kg	☼	11/18/22 10:22	11/28/22 14:18	1
PCB-1254	**190**		18	5.5	ug/Kg	☼	11/18/22 10:22	11/28/22 14:18	1
PCB-1260	**58**		18	5.2	ug/Kg	☼	11/18/22 10:22	11/28/22 14:18	1
PCB-1262	ND		18	6.4	ug/Kg	☼	11/18/22 10:22	11/28/22 14:18	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/18/22 10:22	11/28/22 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/18/22 10:22*	*11/28/22 14:18*	*1*
DCB Decachlorobiphenyl (Surr)	*61*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 14:18*	*1*
Tetrachloro-m-xylene (Surr)	*73*		*55 - 135*	*11/18/22 10:22*	*11/28/22 14:18*	*1*
Tetrachloro-m-xylene (Surr)	*69*		*55 - 135*	*11/18/22 10:22*	*11/28/22 14:18*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7600**		21	5.6	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Antimony	**0.58**	**J**	2.1	0.38	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Arsenic	**7.0**		1.6	0.33	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Barium	**150**		21	0.38	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Beryllium	**0.39**	**J**	0.52	0.057	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Cadmium	**0.30**	**J**	0.52	0.050	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1

Client Sample ID: SSHS-IRM5A2-SCV30-0-0.5

Lab Sample ID: 180-147901-9
Date Collected: 11/14/22 14:40
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 89.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	3700		520	38	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Chromium	12		1.0	0.36	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Cobalt	6.2		1.0	0.21	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Copper	25		2.6	0.25	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Iron	14000		21	7.3	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Lead	100		1.0	0.30	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Magnesium	1700		520	48	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Manganese	480		1.6	1.2	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Nickel	18		4.2	0.24	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Potassium	550		520	83	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Selenium	0.67	J	2.1	0.49	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Silver	ND		1.0	0.085	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Sodium	70	J	520	66	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Thallium	ND		2.1	0.42	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Vanadium	13		5.2	0.86	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1
Zinc	230		5.2	1.4	mg/Kg	☼	11/15/22 15:00	11/16/22 10:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.099	J	0.11	0.020	mg/Kg	☼	11/15/22 15:00	11/16/22 15:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.8		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	89.2		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV30-0.5-1

Lab Sample ID: 180-147901-10
Date Collected: 11/14/22 14:45
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 85.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		3.3	3.1	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Benzene	ND		0.55	0.14	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Bromoform	ND		0.55	0.23	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Bromomethane	ND		1.1	0.55	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
2-Butanone (MEK)	ND		2.8	0.20	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Carbon disulfide	ND		0.55	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Carbon tetrachloride	ND		0.55	0.21	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Chlorobenzene	ND		0.55	0.097	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Chlorobromomethane	ND		0.55	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Chlorodibromomethane	ND		0.55	0.11	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Chloroethane	ND		0.55	0.29	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Chloroform	ND		0.55	0.53	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Chloromethane	ND		0.55	0.24	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
cis-1,2-Dichloroethene	ND		0.55	0.20	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
cis-1,3-Dichloropropene	ND		0.55	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Cyclohexane	ND		0.55	0.12	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,2-Dibromo-3-Chloropropane	ND		0.55	0.25	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,2-Dibromoethane	ND		0.55	0.099	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV30-0.5-1 **Lab Sample ID: 180-147901-10**
Date Collected: 11/14/22 14:45 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.55	0.20	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,3-Dichlorobenzene	ND		0.55	0.20	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,4-Dichlorobenzene	ND		0.55	0.12	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Dichlorobromomethane	ND		0.55	0.14	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Dichlorodifluoromethane	ND		0.55	0.19	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,1-Dichloroethane	ND		0.55	0.11	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,2-Dichloroethane	ND		0.55	0.16	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,1-Dichloroethene	ND		0.55	0.12	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,2-Dichloroethene, Total	ND		1.1	0.21	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,2-Dichloropropane	ND		0.55	0.23	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,4-Dioxane	ND		55	5.1	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Ethylbenzene	ND		0.55	0.11	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
2-Hexanone	ND		2.8	0.94	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Isopropylbenzene	ND		0.55	0.16	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Methyl acetate	ND		2.8	2.4	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Methylcyclohexane	ND		0.55	0.27	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Methylene Chloride	ND		1.1	0.63	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
4-Methyl-2-pentanone (MIBK)	ND		2.8	0.86	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Methyl tert-butyl ether	ND		0.55	0.28	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
m-Xylene & p-Xylene	ND		0.55	0.096	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
o-Xylene	ND		0.55	0.11	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Styrene	ND		0.55	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,1,2,2-Tetrachloroethane	ND		0.55	0.12	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Tetrachloroethene	ND		0.55	0.17	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Toluene	ND		0.55	0.13	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
trans-1,2-Dichloroethene	ND		0.55	0.14	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
trans-1,3-Dichloropropene	ND		0.55	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,2,3-Trichlorobenzene	ND		0.55	0.10	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,2,4-Trichlorobenzene	ND		0.55	0.20	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,1,1-Trichloroethane	ND		0.55	0.13	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,1,2-Trichloroethane	ND		0.55	0.098	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Trichloroethene	ND		0.55	0.18	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Trichlorofluoromethane	ND		0.55	0.22	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.55	0.17	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Vinyl chloride	ND		0.55	0.30	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1
Xylenes, Total	ND		1.1	0.096	ug/Kg	☼	11/16/22 08:43	11/21/22 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*75 - 139*	*11/16/22 08:43*	*11/21/22 02:59*	*1*
Dibromofluoromethane (Surr)	*129*		*73 - 139*	*11/16/22 08:43*	*11/21/22 02:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*146*	*S1+*	*72 - 145*	*11/16/22 08:43*	*11/21/22 02:59*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*11/16/22 08:43*	*11/21/22 02:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Acenaphthylene	**36**	**J**	380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Acetophenone	ND		380	19	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Anthracene	**17**	**J**	380	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Atrazine	ND		150	23	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV30-0.5-1 **Lab Sample ID: 180-147901-10**
Date Collected: 11/14/22 14:45 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		380	64	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Benzo[a]anthracene	**78**		38	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Benzo[a]pyrene	**95**		38	10	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Benzo[b]fluoranthene	**140**		38	10	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Benzo[g,h,i]perylene	**80**	**J**	380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Benzo[k]fluoranthene	**46**		38	7.6	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Bis(2-chloroethoxy)methane	ND		380	30	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Caprolactam	ND		380	60	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Carbazole	ND		380	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
4-Chloroaniline	ND		380	68	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
4-Chloro-3-methylphenol	ND		380	22	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2-Chloronaphthalene	ND		380	18	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2-Chlorophenol	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
4-Chlorophenyl phenyl ether	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Chrysene	**99**	**J**	380	6.5	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Dibenz(a,h)anthracene	**22**	**J**	38	17	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Dibenzofuran	ND		380	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
3,3'-Dichlorobenzidine	ND		150	58	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2,4-Dichlorophenol	ND		150	25	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2,4-Dimethylphenol	ND		380	46	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Dimethyl phthalate	ND		380	88	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Di-n-butyl phthalate	ND		380	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2,4-Dinitrophenol	ND		310	190	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2,4-Dinitrotoluene	ND		78	41	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2,6-Dinitrotoluene	ND		78	28	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Di-n-octyl phthalate	ND		380	20	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
1,4-Dioxane	ND		38	34	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Fluoranthene	**120**	**J**	380	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Fluorene	ND		380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Hexachlorobutadiene	ND		78	8.2	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Hexachlorocyclopentadiene	ND		380	34	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Hexachloroethane	ND		38	13	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Indeno[1,2,3-cd]pyrene	**86**		38	15	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Isophorone	ND		150	110	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2-Methylnaphthalene	**37**	**J**	380	11	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2-Methylphenol	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Methylphenol, 3 & 4	ND		380	24	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Naphthalene	**43**	**J**	380	6.7	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
3-Nitroaniline	ND		380	91	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
4-Nitroaniline	ND		380	44	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1

Client Sample ID: SSHS-IRM5A2-SCV30-0.5-1 Lab Sample ID: 180-147901-10

Date Collected: 11/14/22 14:45 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		38	21	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2-Nitrophenol	ND		380	39	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
4-Nitrophenol	ND		780	63	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
N-Nitrosodi-n-propylamine	ND		38	28	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
N-Nitrosodiphenylamine	ND		380	32	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2,2'-oxybis[1-chloropropane]	ND		380	7.0	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Pentachlorophenol	ND		310	79	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Phenanthrene	**60**	**J**	380	6.8	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Phenol	ND		380	14	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
Pyrene	**140**	**J**	380	9.6	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
1,2,4,5-Tetrachlorobenzene	ND		380	12	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2,3,4,6-Tetrachlorophenol	ND		380	26	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2,4,5-Trichlorophenol	ND		380	39	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1
2,4,6-Trichlorophenol	ND		150	49	ug/Kg	☼	11/16/22 20:53	11/17/22 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*91*		*22 - 122*	*11/16/22 20:53*	*11/17/22 17:23*	*1*
2-Fluorophenol (Surr)	*81*		*18 - 123*	*11/16/22 20:53*	*11/17/22 17:23*	*1*
Nitrobenzene-d5 (Surr)	*90*		*16 - 125*	*11/16/22 20:53*	*11/17/22 17:23*	*1*
Phenol-d5 (Surr)	*85*		*23 - 120*	*11/16/22 20:53*	*11/17/22 17:23*	*1*
Terphenyl-d14 (Surr)	*97*		*25 - 126*	*11/16/22 20:53*	*11/17/22 17:23*	*1*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 123*	*11/16/22 20:53*	*11/17/22 17:23*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.3	ug/Kg	☼	11/18/22 10:22	11/28/22 14:37	1
PCB-1221	ND		20	6.9	ug/Kg	☼	11/18/22 10:22	11/28/22 14:37	1
PCB-1232	ND		20	4.8	ug/Kg	☼	11/18/22 10:22	11/28/22 14:37	1
PCB-1242	ND		20	2.9	ug/Kg	☼	11/18/22 10:22	11/28/22 14:37	1
PCB-1248	**15**	**J**	20	4.7	ug/Kg	☼	11/18/22 10:22	11/28/22 14:37	1
PCB-1254	**39**		20	5.9	ug/Kg	☼	11/18/22 10:22	11/28/22 14:37	1
PCB-1260	**12**	**J**	20	5.5	ug/Kg	☼	11/18/22 10:22	11/28/22 14:37	1
PCB-1262	ND		20	6.9	ug/Kg	☼	11/18/22 10:22	11/28/22 14:37	1
PCB-1268	ND		20	2.6	ug/Kg	☼	11/18/22 10:22	11/28/22 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*62*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 14:37*	*1*
DCB Decachlorobiphenyl (Surr)	*62*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 14:37*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*55 - 135*	*11/18/22 10:22*	*11/28/22 14:37*	*1*
Tetrachloro-m-xylene (Surr)	*68*		*55 - 135*	*11/18/22 10:22*	*11/28/22 14:37*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8700**		20	5.4	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Antimony	**12**		2.0	0.37	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Arsenic	**8.5**		1.5	0.32	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Barium	**160**		20	0.37	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Beryllium	**0.44**	**J**	0.51	0.055	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Cadmium	**0.27**	**J**	0.51	0.049	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Calcium	**3700**		510	37	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1

Client Sample ID: SSHS-IRM5A2-SCV30-0.5-1 — Lab Sample ID: 180-147901-10

Date Collected: 11/14/22 14:45 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 85.4**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	12		1.0	0.35	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Cobalt	5.8		1.0	0.20	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Copper	160		2.5	0.24	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Iron	15000		20	7.1	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Lead	710		1.0	0.29	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Magnesium	1600		510	47	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Manganese	610		1.5	1.1	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Nickel	15		4.1	0.24	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Potassium	630		510	81	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Selenium	0.72	J	2.0	0.48	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Silver	0.10	J	1.0	0.082	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Sodium	ND		510	64	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Thallium	ND		2.0	0.41	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Vanadium	13		5.1	0.84	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1
Zinc	100		5.1	1.4	mg/Kg	☼	11/15/22 15:00	11/16/22 11:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.090	J	0.10	0.018	mg/Kg	☼	11/15/22 15:00	11/16/22 15:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.5		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	85.5		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-DUP4 — Lab Sample ID: 180-147901-11

Date Collected: 11/14/22 00:00 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 83.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		3.5	3.3	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Benzene	ND		0.58	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Bromoform	ND		0.58	0.25	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Bromomethane	ND		1.2	0.58	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
2-Butanone (MEK)	ND		2.9	0.21	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Carbon disulfide	ND		0.58	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Carbon tetrachloride	ND		0.58	0.22	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Chlorobenzene	ND		0.58	0.10	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Chlorobromomethane	ND		0.58	0.16	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Chlorodibromomethane	ND		0.58	0.11	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Chloroethane	ND		0.58	0.30	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Chloroform	ND		0.58	0.56	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Chloromethane	ND		0.58	0.25	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
cis-1,2-Dichloroethene	ND		0.58	0.21	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
cis-1,3-Dichloropropene	ND		0.58	0.16	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Cyclohexane	ND		0.58	0.13	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,2-Dibromo-3-Chloropropane	ND		0.58	0.27	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,2-Dibromoethane	ND		0.58	0.10	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,2-Dichlorobenzene	ND		0.58	0.21	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-DUP4 **Lab Sample ID: 180-147901-11**
Date Collected: 11/14/22 00:00 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 83.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.58	0.21	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,4-Dichlorobenzene	ND		0.58	0.13	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Dichlorobromomethane	ND		0.58	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Dichlorodifluoromethane	ND		0.58	0.20	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,1-Dichloroethane	ND		0.58	0.12	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,2-Dichloroethane	ND		0.58	0.17	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,1-Dichloroethene	ND		0.58	0.13	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,2-Dichloroethene, Total	ND		1.2	0.22	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,2-Dichloropropane	ND	*+	0.58	0.24	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,4-Dioxane	ND		58	5.3	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Ethylbenzene	ND		0.58	0.11	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
2-Hexanone	ND		2.9	0.99	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Isopropylbenzene	ND		0.58	0.16	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Methyl acetate	ND		2.9	2.5	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Methylcyclohexane	ND		0.58	0.29	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Methylene Chloride	ND		1.2	0.66	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
4-Methyl-2-pentanone (MIBK)	ND		2.9	0.90	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Methyl tert-butyl ether	ND		0.58	0.30	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
m-Xylene & p-Xylene	ND		0.58	0.10	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
o-Xylene	ND		0.58	0.11	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Styrene	ND		0.58	0.16	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,1,2,2-Tetrachloroethane	ND		0.58	0.12	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Tetrachloroethene	ND		0.58	0.18	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Toluene	ND		0.58	0.14	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
trans-1,2-Dichloroethene	ND		0.58	0.14	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
trans-1,3-Dichloropropene	ND		0.58	0.15	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,2,3-Trichlorobenzene	ND		0.58	0.10	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,2,4-Trichlorobenzene	ND		0.58	0.21	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,1,1-Trichloroethane	ND		0.58	0.13	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,1,2-Trichloroethane	ND		0.58	0.10	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Trichloroethene	ND		0.58	0.19	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Trichlorofluoromethane	ND		0.58	0.23	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.58	0.17	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Vinyl chloride	ND		0.58	0.32	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1
Xylenes, Total	ND		1.2	0.10	ug/Kg	☼	11/16/22 08:43	11/21/22 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*75 - 139*	*11/16/22 08:43*	*11/21/22 15:06*	*1*
Dibromofluoromethane (Surr)	*129*		*73 - 139*	*11/16/22 08:43*	*11/21/22 15:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*145*		*72 - 145*	*11/16/22 08:43*	*11/21/22 15:06*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*11/16/22 08:43*	*11/21/22 15:06*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Acenaphthylene	**30**	**J**	390	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Acetophenone	ND		390	19	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Anthracene	ND		390	12	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Atrazine	ND		160	23	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Benzaldehyde	ND		390	65	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-DUP4
Lab Sample ID: 180-147901-11
Date Collected: 11/14/22 00:00
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 83.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**60**		39	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Benzo[a]pyrene	**67**		39	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Benzo[b]fluoranthene	**100**		39	10	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Benzo[g,h,i]perylene	**55**	**J**	390	12	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Benzo[k]fluoranthene	**44**		39	7.7	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
1,1'-Biphenyl	ND		390	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Bis(2-chloroethoxy)methane	ND		390	31	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Bis(2-chloroethyl)ether	ND		39	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Bis(2-ethylhexyl) phthalate	ND		390	21	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
4-Bromophenyl phenyl ether	ND		390	16	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Butyl benzyl phthalate	ND		390	18	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Caprolactam	ND		390	61	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Carbazole	ND		390	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
4-Chloroaniline	ND		390	70	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Chrysene	**73**	**J**	390	6.7	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Dibenz(a,h)anthracene	ND		39	17	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Dibenzofuran	ND		390	13	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
3,3'-Dichlorobenzidine	ND		160	60	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Diethyl phthalate	ND		390	13	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2,4-Dimethylphenol	ND		390	47	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Dimethyl phthalate	ND		390	90	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Di-n-butyl phthalate	ND		390	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2,4-Dinitrophenol	ND		320	190	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2,4-Dinitrotoluene	ND		80	42	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2,6-Dinitrotoluene	ND		80	29	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Di-n-octyl phthalate	ND		390	21	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
1,4-Dioxane	ND		39	34	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Fluoranthene	**83**	**J**	390	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Fluorene	ND		390	12	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Hexachlorobenzene	ND		39	19	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Hexachlorobutadiene	ND		80	8.4	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Hexachlorocyclopentadiene	ND		390	35	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Hexachloroethane	ND		39	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Indeno[1,2,3-cd]pyrene	**64**		39	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Isophorone	ND		160	110	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2-Methylnaphthalene	**33**	**J**	390	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2-Methylphenol	ND		390	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Methylphenol, 3 & 4	ND		390	25	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Naphthalene	**38**	**J**	390	6.8	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
3-Nitroaniline	ND		390	94	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
4-Nitroaniline	ND		390	45	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Nitrobenzene	ND		39	22	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1

Client Sample ID: SSHS-IRM5A2-DUP4 **Lab Sample ID: 180-147901-11**
Date Collected: 11/14/22 00:00 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 83.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		390	40	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
4-Nitrophenol	ND		800	64	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
N-Nitrosodi-n-propylamine	ND		39	29	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
N-Nitrosodiphenylamine	ND		390	32	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2,2'-oxybis[1-chloropropane]	ND		390	7.1	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Pentachlorophenol	ND		320	81	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Phenanthrene	**42**	**J**	390	6.9	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Phenol	ND		390	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
Pyrene	**99**	**J**	390	9.8	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
1,2,4,5-Tetrachlorobenzene	ND		390	12	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2,3,4,6-Tetrachlorophenol	ND		390	27	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2,4,5-Trichlorophenol	ND		390	40	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1
2,4,6-Trichlorophenol	ND		160	51	ug/Kg	☼	11/16/22 20:53	11/17/22 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*22 - 122*	*11/16/22 20:53*	*11/17/22 16:31*	*1*
2-Fluorophenol (Surr)	*84*		*18 - 123*	*11/16/22 20:53*	*11/17/22 16:31*	*1*
Nitrobenzene-d5 (Surr)	*89*		*16 - 125*	*11/16/22 20:53*	*11/17/22 16:31*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*11/16/22 20:53*	*11/17/22 16:31*	*1*
Terphenyl-d14 (Surr)	*101*		*25 - 126*	*11/16/22 20:53*	*11/17/22 16:31*	*1*
2,4,6-Tribromophenol (Surr)	*92*		*10 - 123*	*11/16/22 20:53*	*11/17/22 16:31*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	11/18/22 10:22	11/28/22 15:34	1
PCB-1221	ND		19	6.8	ug/Kg	☼	11/18/22 10:22	11/28/22 15:34	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:22	11/28/22 15:34	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:22	11/28/22 15:34	1
PCB-1248	ND		19	4.6	ug/Kg	☼	11/18/22 10:22	11/28/22 15:34	1
PCB-1254	**41**		19	5.8	ug/Kg	☼	11/18/22 10:22	11/28/22 15:34	1
PCB-1260	**14**	**J**	19	5.5	ug/Kg	☼	11/18/22 10:22	11/28/22 15:34	1
PCB-1262	ND		19	6.8	ug/Kg	☼	11/18/22 10:22	11/28/22 15:34	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:22	11/28/22 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*63 - 138*	*11/18/22 10:22*	*11/28/22 15:34*	*1*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/18/22 10:22*	*11/28/22 15:34*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*55 - 135*	*11/18/22 10:22*	*11/28/22 15:34*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*55 - 135*	*11/18/22 10:22*	*11/28/22 15:34*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9300**		19	5.1	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Antimony	**5.2**		1.9	0.34	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Arsenic	**5.8**		1.4	0.30	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Barium	**130**		19	0.35	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Beryllium	**0.36**	**J**	0.48	0.052	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Cadmium	**0.17**	**J**	0.48	0.046	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Calcium	**1700**		480	35	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Chromium	**10**		0.96	0.33	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1

Client Sample ID: SSHS-IRM5A2-DUP4

Lab Sample ID: 180-147901-11

Date Collected: 11/14/22 00:00
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 83.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.3		0.96	0.19	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Copper	54		2.4	0.23	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Iron	13000		19	6.7	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Lead	170		0.96	0.27	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Magnesium	1500		480	44	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Manganese	920		1.4	1.1	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Nickel	13		3.8	0.22	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Potassium	480		480	76	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Selenium	0.83	J	1.9	0.45	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Silver	0.088	J	0.96	0.078	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Sodium	ND		480	60	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Thallium	ND		1.9	0.38	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Vanadium	13		4.8	0.79	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1
Zinc	80		4.8	1.3	mg/Kg	☼	11/15/22 15:00	11/16/22 11:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.21		0.14	0.025	mg/Kg	☼	11/15/22 15:00	11/16/22 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.6		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	83.4		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV25-0-0.5

Lab Sample ID: 180-147901-12

Date Collected: 11/14/22 14:50
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 79.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		9.2	8.8	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Benzene	ND		1.5	0.40	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Bromoform	ND		1.5	0.65	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Bromomethane	ND		3.1	1.5	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
2-Butanone (MEK)	ND		7.7	0.57	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Carbon disulfide	ND		1.5	0.41	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Carbon tetrachloride	ND		1.5	0.60	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Chlorobenzene	ND		1.5	0.27	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Chlorobromomethane	ND		1.5	0.43	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Chlorodibromomethane	ND		1.5	0.30	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Chloroethane	ND		1.5	0.80	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Chloroform	ND		1.5	1.5	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Chloromethane	ND		1.5	0.67	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
cis-1,2-Dichloroethene	ND		1.5	0.55	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
cis-1,3-Dichloropropene	ND		1.5	0.42	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Cyclohexane	ND		1.5	0.34	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,2-Dibromo-3-Chloropropane	ND		1.5	0.71	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,2-Dibromoethane	ND		1.5	0.28	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,2-Dichlorobenzene	ND		1.5	0.56	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,3-Dichlorobenzene	ND		1.5	0.56	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV25-0-0.5 **Lab Sample ID: 180-147901-12**
Date Collected: 11/14/22 14:50 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 79.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.5	0.35	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Dichlorobromomethane	ND		1.5	0.40	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Dichlorodifluoromethane	ND		1.5	0.52	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,1-Dichloroethane	ND		1.5	0.32	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,2-Dichloroethane	ND		1.5	0.46	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,1-Dichloroethene	ND		1.5	0.35	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,2-Dichloroethene, Total	ND		3.1	0.59	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,2-Dichloropropane	ND	*+	1.5	0.65	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,4-Dioxane	ND		150	14	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Ethylbenzene	ND		1.5	0.31	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
2-Hexanone	ND		7.7	2.6	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Isopropylbenzene	ND		1.5	0.44	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Methyl acetate	ND		7.7	6.6	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Methylcyclohexane	ND		1.5	0.77	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Methylene Chloride	ND		3.1	1.8	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
4-Methyl-2-pentanone (MIBK)	ND		7.7	2.4	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Methyl tert-butyl ether	ND		1.5	0.79	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
m-Xylene & p-Xylene	**0.43**	**J**	1.5	0.27	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
o-Xylene	ND		1.5	0.30	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Styrene	ND		1.5	0.43	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,1,2,2-Tetrachloroethane	ND		1.5	0.33	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Tetrachloroethene	ND		1.5	0.47	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Toluene	**0.55**	**J**	1.5	0.36	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
trans-1,2-Dichloroethene	ND		1.5	0.38	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
trans-1,3-Dichloropropene	ND		1.5	0.41	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,2,3-Trichlorobenzene	ND		1.5	0.28	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,2,4-Trichlorobenzene	ND		1.5	0.55	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,1,1-Trichloroethane	ND		1.5	0.36	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,1,2-Trichloroethane	ND		1.5	0.27	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Trichloroethene	ND		1.5	0.49	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Trichlorofluoromethane	ND		1.5	0.62	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5	0.46	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Vinyl chloride	ND		1.5	0.84	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1
Xylenes, Total	**0.43**	**J**	3.1	0.27	ug/Kg	☼	11/16/22 08:44	11/21/22 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*75 - 139*	*11/16/22 08:44*	*11/21/22 15:29*	*1*
Dibromofluoromethane (Surr)	*127*		*73 - 139*	*11/16/22 08:44*	*11/21/22 15:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*147*	*S1+*	*72 - 145*	*11/16/22 08:44*	*11/21/22 15:29*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/16/22 08:44*	*11/21/22 15:29*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		410	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Acenaphthylene	**13**	**J**	410	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Acetophenone	ND		410	20	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Anthracene	**24**	**J**	410	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Atrazine	ND		170	24	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Benzaldehyde	ND		410	68	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Benzo[a]anthracene	**130**		41	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV25-0-0.5 **Lab Sample ID: 180-147901-12**
Date Collected: 11/14/22 14:50 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 79.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**180**		41	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Benzo[b]fluoranthene	**270**		41	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Benzo[g,h,i]perylene	**140**	**J**	410	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Benzo[k]fluoranthene	**90**		41	8.1	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
1,1'-Biphenyl	ND		410	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Bis(2-chloroethoxy)methane	ND		410	32	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Bis(2-chloroethyl)ether	ND		41	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Bis(2-ethylhexyl) phthalate	ND		410	22	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
4-Bromophenyl phenyl ether	ND		410	16	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Butyl benzyl phthalate	ND		410	19	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Caprolactam	ND		410	64	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Carbazole	**19**	**J**	410	16	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
4-Chloroaniline	ND		410	73	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
4-Chloro-3-methylphenol	ND		410	23	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2-Chloronaphthalene	ND		410	19	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2-Chlorophenol	ND		410	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
4-Chlorophenyl phenyl ether	ND		410	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Chrysene	**190**	**J**	410	7.0	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Dibenz(a,h)anthracene	**28**	**J**	41	18	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Dibenzofuran	ND		410	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
3,3'-Dichlorobenzidine	ND		170	63	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2,4-Dichlorophenol	ND		170	27	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Diethyl phthalate	ND		410	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2,4-Dimethylphenol	ND		410	49	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Dimethyl phthalate	ND		410	94	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Di-n-butyl phthalate	ND		410	16	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
4,6-Dinitro-2-methylphenol	ND		330	170	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2,4-Dinitrophenol	ND		330	200	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2,4-Dinitrotoluene	ND		84	45	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2,6-Dinitrotoluene	ND		84	30	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Di-n-octyl phthalate	ND		410	22	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
1,4-Dioxane	ND		41	36	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Fluoranthene	**320**	**J**	410	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Fluorene	ND		410	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Hexachlorobenzene	ND		41	20	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Hexachlorobutadiene	ND		84	8.8	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Hexachlorocyclopentadiene	ND		410	36	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Hexachloroethane	ND		41	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Indeno[1,2,3-cd]pyrene	**160**		41	16	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Isophorone	ND		170	120	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2-Methylnaphthalene	**14**	**J**	410	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2-Methylphenol	ND		410	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Methylphenol, 3 & 4	ND		410	26	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Naphthalene	**14**	**J**	410	7.2	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2-Nitroaniline	ND		410	32	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
3-Nitroaniline	ND		410	98	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
4-Nitroaniline	ND		410	48	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Nitrobenzene	ND		41	23	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2-Nitrophenol	ND		410	41	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1

Client Sample ID: SSHS-IRM5A2-SCV25-0-0.5 Lab Sample ID: 180-147901-12

Date Collected: 11/14/22 14:50 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 79.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		840	67	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
N-Nitrosodi-n-propylamine	ND		41	30	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
N-Nitrosodiphenylamine	ND		410	34	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2,2'-oxybis[1-chloropropane]	ND		410	7.5	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Pentachlorophenol	ND		330	85	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Phenanthrene	**85**	**J**	410	7.3	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Phenol	ND		410	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
Pyrene	**280**	**J**	410	10	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
1,2,4,5-Tetrachlorobenzene	ND		410	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2,3,4,6-Tetrachlorophenol	ND		410	28	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2,4,5-Trichlorophenol	ND		410	42	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1
2,4,6-Trichlorophenol	ND		170	53	ug/Kg	☼	11/16/22 20:53	11/17/22 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*95*		*22 - 122*	*11/16/22 20:53*	*11/17/22 19:06*	*1*
2-Fluorophenol (Surr)	*85*		*18 - 123*	*11/16/22 20:53*	*11/17/22 19:06*	*1*
Nitrobenzene-d5 (Surr)	*94*		*16 - 125*	*11/16/22 20:53*	*11/17/22 19:06*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*11/16/22 20:53*	*11/17/22 19:06*	*1*
Terphenyl-d14 (Surr)	*99*		*25 - 126*	*11/16/22 20:53*	*11/17/22 19:06*	*1*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 123*	*11/16/22 20:53*	*11/17/22 19:06*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.8	ug/Kg	☼	11/18/22 10:22	11/28/22 15:53	1
PCB-1221	ND		21	7.4	ug/Kg	☼	11/18/22 10:22	11/28/22 15:53	1
PCB-1232	ND		21	5.1	ug/Kg	☼	11/18/22 10:22	11/28/22 15:53	1
PCB-1242	ND		21	3.1	ug/Kg	☼	11/18/22 10:22	11/28/22 15:53	1
PCB-1248	**8.7**	**J**	21	5.0	ug/Kg	☼	11/18/22 10:22	11/28/22 15:53	1
PCB-1254	ND		21	6.3	ug/Kg	☼	11/18/22 10:22	11/28/22 15:53	1
PCB-1260	ND		21	6.0	ug/Kg	☼	11/18/22 10:22	11/28/22 15:53	1
PCB-1262	ND		21	7.4	ug/Kg	☼	11/18/22 10:22	11/28/22 15:53	1
PCB-1268	ND		21	2.8	ug/Kg	☼	11/18/22 10:22	11/28/22 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/18/22 10:22*	*11/28/22 15:53*	*1*
DCB Decachlorobiphenyl (Surr)	*63*		*63 - 138*	*11/18/22 10:22*	*11/28/22 15:53*	*1*
Tetrachloro-m-xylene (Surr)	*73*		*55 - 135*	*11/18/22 10:22*	*11/28/22 15:53*	*1*
Tetrachloro-m-xylene (Surr)	*70*		*55 - 135*	*11/18/22 10:22*	*11/28/22 15:53*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8600**		20	5.5	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Antimony	ND		2.0	0.37	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Arsenic	**6.3**		1.5	0.32	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Barium	**81**		20	0.37	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Beryllium	**0.39**	**J**	0.51	0.055	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Cadmium	**0.14**	**J**	0.51	0.049	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Calcium	**3300**		510	37	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Chromium	**11**		1.0	0.35	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Cobalt	**7.6**		1.0	0.20	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1

Client Sample ID: SSHS-IRM5A2-SCV25-0-0.5

Lab Sample ID: 180-147901-12

Date Collected: 11/14/22 14:50
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 79.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	19		2.6	0.24	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Iron	16000		20	7.1	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Lead	32		1.0	0.29	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Magnesium	2700		510	47	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Manganese	470		1.5	1.1	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Nickel	18		4.1	0.24	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Potassium	930		510	81	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Selenium	0.49	J	2.0	0.48	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Silver	ND		1.0	0.083	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Sodium	71	J	510	64	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Thallium	ND		2.0	0.41	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Vanadium	13		5.1	0.84	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1
Zinc	82		5.1	1.4	mg/Kg	☼	11/15/22 15:00	11/16/22 11:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058	J	0.13	0.023	mg/Kg	☼	11/15/22 15:00	11/16/22 15:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	20.6		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	79.4		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV25-0.5-1

Lab Sample ID: 180-147901-13

Date Collected: 11/14/22 14:55
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 81.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.1	5.8	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Benzene	ND		1.0	0.26	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Bromoform	ND		1.0	0.43	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Bromomethane	ND		2.0	1.0	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
2-Butanone (MEK)	ND		5.1	0.38	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Carbon disulfide	ND		1.0	0.27	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Chlorodibromomethane	ND		1.0	0.20	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Chloroethane	ND		1.0	0.53	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Chloroform	ND		1.0	0.99	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Chloromethane	ND		1.0	0.44	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
cis-1,2-Dichloroethene	ND		1.0	0.37	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Cyclohexane	ND		1.0	0.23	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.47	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,2-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV25-0.5-1 **Lab Sample ID: 180-147901-13**
Date Collected: 11/14/22 14:55 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 81.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.0	0.26	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,2-Dichloroethene, Total	ND		2.0	0.39	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,2-Dichloropropane	ND	*+	1.0	0.43	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,4-Dioxane	ND		100	9.4	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Ethylbenzene	ND		1.0	0.20	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
2-Hexanone	ND		5.1	1.7	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Methyl acetate	ND		5.1	4.4	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Methylcyclohexane	ND		1.0	0.51	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Methylene Chloride	ND		2.0	1.2	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.1	1.6	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
m-Xylene & p-Xylene	**0.57**	**J**	1.0	0.18	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
o-Xylene	**0.25**	**J**	1.0	0.20	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Styrene	ND		1.0	0.28	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Toluene	**0.92**	**J**	1.0	0.24	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Trichloroethene	ND		1.0	0.33	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Vinyl chloride	ND		1.0	0.56	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1
Xylenes, Total	**0.81**	**J**	2.0	0.18	ug/Kg	☼	11/16/22 08:44	11/21/22 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*75 - 139*	*11/16/22 08:44*	*11/21/22 15:52*	*1*
Dibromofluoromethane (Surr)	*129*		*73 - 139*	*11/16/22 08:44*	*11/21/22 15:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*132*		*72 - 145*	*11/16/22 08:44*	*11/21/22 15:52*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/16/22 08:44*	*11/21/22 15:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Acenaphthylene	ND		400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Acetophenone	ND		400	20	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Anthracene	**21**	**J**	400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Atrazine	ND		160	24	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Benzaldehyde	ND		400	67	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Benzo[a]anthracene	**180**		40	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Benzo[a]pyrene	**230**		40	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV25-0.5-1
Lab Sample ID: 180-147901-13
Date Collected: 11/14/22 14:55
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 81.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**360**		40	10	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Benzo[g,h,i]perylene	**190**	**J**	400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Benzo[k]fluoranthene	**130**		40	8.0	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
1,1'-Biphenyl	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Bis(2-chloroethoxy)methane	ND		400	32	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Bis(2-ethylhexyl) phthalate	ND		400	21	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Caprolactam	ND		400	63	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Carbazole	**34**	**J**	400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
4-Chloroaniline	ND		400	72	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
4-Chloro-3-methylphenol	ND		400	23	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2-Chloronaphthalene	ND		400	19	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Chrysene	**260**	**J**	400	6.9	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Dibenz(a,h)anthracene	**36**	**J**	40	18	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Dibenzofuran	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
3,3'-Dichlorobenzidine	ND		160	61	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2,4-Dichlorophenol	ND		160	26	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2,4-Dimethylphenol	ND		400	48	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Dimethyl phthalate	ND		400	92	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Di-n-butyl phthalate	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
4,6-Dinitro-2-methylphenol	ND		330	170	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2,4-Dinitrophenol	ND		330	200	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2,4-Dinitrotoluene	ND		82	44	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2,6-Dinitrotoluene	ND		82	29	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Di-n-octyl phthalate	ND		400	21	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
1,4-Dioxane	ND		40	35	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Fluoranthene	**470**		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Fluorene	ND		400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Hexachlorobutadiene	ND		82	8.6	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Hexachlorocyclopentadiene	ND		400	36	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Hexachloroethane	ND		40	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Indeno[1,2,3-cd]pyrene	**220**		40	16	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Isophorone	ND		160	120	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2-Methylnaphthalene	ND		400	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2-Methylphenol	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Methylphenol, 3 & 4	ND		400	25	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Naphthalene	**7.4**	**J**	400	7.0	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2-Nitroaniline	ND		400	31	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
3-Nitroaniline	ND		400	96	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
4-Nitroaniline	ND		400	47	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Nitrobenzene	ND		40	22	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2-Nitrophenol	ND		400	41	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
4-Nitrophenol	ND		820	66	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1

Client Sample ID: SSHS-IRM5A2-SCV25-0.5-1 **Lab Sample ID: 180-147901-13**
Date Collected: 11/14/22 14:55 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 81.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2,2'-oxybis[1-chloropropane]	ND		400	7.3	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Pentachlorophenol	ND		330	83	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Phenanthrene	**130**	**J**	400	7.1	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Phenol	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
Pyrene	**400**		400	10	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
1,2,4,5-Tetrachlorobenzene	ND		400	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2,3,4,6-Tetrachlorophenol	ND		400	27	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2,4,5-Trichlorophenol	ND		400	41	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1
2,4,6-Trichlorophenol	ND		160	52	ug/Kg	☼	11/16/22 20:53	11/17/22 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*22 - 122*	*11/16/22 20:53*	*11/17/22 19:24*	*1*
2-Fluorophenol (Surr)	*84*		*18 - 123*	*11/16/22 20:53*	*11/17/22 19:24*	*1*
Nitrobenzene-d5 (Surr)	*90*		*16 - 125*	*11/16/22 20:53*	*11/17/22 19:24*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*11/16/22 20:53*	*11/17/22 19:24*	*1*
Terphenyl-d14 (Surr)	*97*		*25 - 126*	*11/16/22 20:53*	*11/17/22 19:24*	*1*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 123*	*11/16/22 20:53*	*11/17/22 19:24*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	11/18/22 10:22	11/28/22 16:12	1
PCB-1221	ND		20	7.0	ug/Kg	☼	11/18/22 10:22	11/28/22 16:12	1
PCB-1232	ND		20	4.8	ug/Kg	☼	11/18/22 10:22	11/28/22 16:12	1
PCB-1242	ND		20	2.9	ug/Kg	☼	11/18/22 10:22	11/28/22 16:12	1
PCB-1248	ND		20	4.8	ug/Kg	☼	11/18/22 10:22	11/28/22 16:12	1
PCB-1254	ND		20	5.9	ug/Kg	☼	11/18/22 10:22	11/28/22 16:12	1
PCB-1260	ND		20	5.6	ug/Kg	☼	11/18/22 10:22	11/28/22 16:12	1
PCB-1262	ND		20	7.0	ug/Kg	☼	11/18/22 10:22	11/28/22 16:12	1
PCB-1268	ND		20	2.7	ug/Kg	☼	11/18/22 10:22	11/28/22 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*77*		*63 - 138*	*11/18/22 10:22*	*11/28/22 16:12*	*1*
DCB Decachlorobiphenyl (Surr)	*73*		*63 - 138*	*11/18/22 10:22*	*11/28/22 16:12*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*55 - 135*	*11/18/22 10:22*	*11/28/22 16:12*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*55 - 135*	*11/18/22 10:22*	*11/28/22 16:12*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7700**		24	6.4	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Antimony	ND		2.4	0.43	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Arsenic	**5.4**		1.8	0.38	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Barium	**86**		24	0.43	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Beryllium	**0.32**	**J**	0.60	0.064	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Cadmium	**0.17**	**J**	0.60	0.057	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Calcium	**2700**		600	43	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Chromium	**9.4**		1.2	0.41	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Cobalt	**5.6**		1.2	0.24	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Copper	**16**		3.0	0.28	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1

Client Sample ID: SSHS-IRM5A2-SCV25-0.5-1 — Lab Sample ID: 180-147901-13

Date Collected: 11/14/22 14:55 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 81.4**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	13000		24	8.3	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Lead	30		1.2	0.34	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Magnesium	1800		600	55	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Manganese	400		1.8	1.3	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Nickel	14		4.8	0.28	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Potassium	750		600	95	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Selenium	0.69	J	2.4	0.56	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Silver	ND		1.2	0.097	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Sodium	140	J	600	75	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Thallium	ND		2.4	0.48	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Vanadium	11		6.0	0.98	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1
Zinc	210		6.0	1.6	mg/Kg	☼	11/15/22 15:00	11/16/22 11:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.061	J	0.13	0.023	mg/Kg	☼	11/15/22 15:00	11/16/22 15:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	18.6		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	81.4		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV24-0-0.5 — Lab Sample ID: 180-147901-14

Date Collected: 11/14/22 15:05 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 87.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.1	5.8	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Benzene	ND		1.0	0.26	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Bromoform	ND		1.0	0.43	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Bromomethane	ND		2.0	1.0	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
2-Butanone (MEK)	ND		5.1	0.38	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Carbon disulfide	ND		1.0	0.27	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Carbon tetrachloride	ND		1.0	0.40	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Chlorodibromomethane	ND		1.0	0.20	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Chloroethane	ND		1.0	0.53	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Chloroform	ND		1.0	0.99	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Chloromethane	ND		1.0	0.44	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
cis-1,2-Dichloroethene	ND		1.0	0.37	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Cyclohexane	0.23	J	1.0	0.23	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.47	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,2-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV24-0-0.5 **Lab Sample ID: 180-147901-14**
Date Collected: 11/14/22 15:05 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 87.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.35	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,2-Dichloroethene, Total	ND		2.0	0.39	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,2-Dichloropropane	ND	*+	1.0	0.43	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,4-Dioxane	ND		100	9.4	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Ethylbenzene	ND		1.0	0.20	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
2-Hexanone	ND		5.1	1.7	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Methyl acetate	ND		5.1	4.4	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Methylcyclohexane	ND		1.0	0.51	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Methylene Chloride	ND		2.0	1.2	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.1	1.6	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
m-Xylene & p-Xylene	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Styrene	ND		1.0	0.28	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Toluene	**0.30**	**J**	1.0	0.24	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,2,3-Trichlorobenzene	ND		1.0	0.19	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Trichloroethene	ND		1.0	0.33	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Trichlorofluoromethane	ND		1.0	0.42	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Vinyl chloride	ND		1.0	0.56	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1
Xylenes, Total	ND		2.0	0.18	ug/Kg	☼	11/16/22 08:44	11/21/22 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*	*11/16/22 08:44*	*11/21/22 16:15*	*1*
Dibromofluoromethane (Surr)	*131*		*73 - 139*	*11/16/22 08:44*	*11/21/22 16:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*135*		*72 - 145*	*11/16/22 08:44*	*11/21/22 16:15*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*11/16/22 08:44*	*11/21/22 16:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Acenaphthylene	**17**	**J**	370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Acetophenone	ND		370	18	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Anthracene	**33**	**J**	370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Atrazine	ND		150	22	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Benzaldehyde	ND		370	62	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Benzo[a]anthracene	**350**		37	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Benzo[a]pyrene	**430**		37	10	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Benzo[b]fluoranthene	**660**		37	9.7	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV24-0-0.5
Lab Sample ID: 180-147901-14
Date Collected: 11/14/22 15:05
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 87.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**380**		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Benzo[k]fluoranthene	**250**		37	7.3	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Bis(2-ethylhexyl) phthalate	ND		370	20	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Butyl benzyl phthalate	ND		370	18	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Caprolactam	ND		370	58	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Carbazole	**42**	**J**	370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
4-Chloroaniline	ND		370	66	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Chrysene	**460**		370	6.3	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Dibenz(a,h)anthracene	**80**		37	16	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Dibenzofuran	ND		370	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
3,3'-Dichlorobenzidine	ND		150	57	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2,4-Dimethylphenol	ND		370	45	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Dimethyl phthalate	ND		370	85	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Di-n-butyl phthalate	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2,4-Dinitrophenol	ND		300	180	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2,4-Dinitrotoluene	ND		76	40	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2,6-Dinitrotoluene	ND		76	27	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Di-n-octyl phthalate	ND		370	20	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
1,4-Dioxane	ND		37	33	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Fluoranthene	**830**		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Fluorene	ND		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Hexachlorobenzene	ND		37	18	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Hexachlorobutadiene	ND		76	8.0	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Hexachlorocyclopentadiene	ND		370	33	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Indeno[1,2,3-cd]pyrene	**410**		37	15	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Isophorone	ND		150	110	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2-Methylnaphthalene	**13**	**J**	370	10	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Methylphenol, 3 & 4	**41**	**J**	370	23	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Naphthalene	**18**	**J**	370	6.5	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2-Nitroaniline	ND		370	29	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
3-Nitroaniline	ND		370	89	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
4-Nitroaniline	ND		370	43	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Nitrobenzene	ND		37	21	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2-Nitrophenol	ND		370	37	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
4-Nitrophenol	ND		760	61	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV24-0-0.5 **Lab Sample ID: 180-147901-14**
Date Collected: 11/14/22 15:05 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 87.9**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		370	31	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2,2'-oxybis[1-chloropropane]	ND		370	6.8	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Pentachlorophenol	ND		300	77	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Phenanthrene	**210**	**J**	370	6.6	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Phenol	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
Pyrene	**710**		370	9.3	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
1,2,4,5-Tetrachlorobenzene	ND		370	12	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2,4,5-Trichlorophenol	ND		370	38	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	11/16/22 20:53	11/17/22 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*22 - 122*	*11/16/22 20:53*	*11/17/22 19:41*	*1*
2-Fluorophenol (Surr)	*82*		*18 - 123*	*11/16/22 20:53*	*11/17/22 19:41*	*1*
Nitrobenzene-d5 (Surr)	*91*		*16 - 125*	*11/16/22 20:53*	*11/17/22 19:41*	*1*
Phenol-d5 (Surr)	*85*		*23 - 120*	*11/16/22 20:53*	*11/17/22 19:41*	*1*
Terphenyl-d14 (Surr)	*99*		*25 - 126*	*11/16/22 20:53*	*11/17/22 19:41*	*1*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 123*	*11/16/22 20:53*	*11/17/22 19:41*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	11/18/22 10:22	11/28/22 16:31	1
PCB-1221	ND		18	6.5	ug/Kg	☼	11/18/22 10:22	11/28/22 16:31	1
PCB-1232	ND		18	4.5	ug/Kg	☼	11/18/22 10:22	11/28/22 16:31	1
PCB-1242	ND		18	2.7	ug/Kg	☼	11/18/22 10:22	11/28/22 16:31	1
PCB-1248	ND		18	4.4	ug/Kg	☼	11/18/22 10:22	11/28/22 16:31	1
PCB-1254	ND		18	5.5	ug/Kg	☼	11/18/22 10:22	11/28/22 16:31	1
PCB-1260	ND		18	5.2	ug/Kg	☼	11/18/22 10:22	11/28/22 16:31	1
PCB-1262	ND		18	6.5	ug/Kg	☼	11/18/22 10:22	11/28/22 16:31	1
PCB-1268	ND		18	2.5	ug/Kg	☼	11/18/22 10:22	11/28/22 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*108*		*63 - 138*	*11/18/22 10:22*	*11/28/22 16:31*	*1*
DCB Decachlorobiphenyl (Surr)	*109*		*63 - 138*	*11/18/22 10:22*	*11/28/22 16:31*	*1*
Tetrachloro-m-xylene (Surr)	*115*		*55 - 135*	*11/18/22 10:22*	*11/28/22 16:31*	*1*
Tetrachloro-m-xylene (Surr)	*111*		*55 - 135*	*11/18/22 10:22*	*11/28/22 16:31*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7200**		19	4.9	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Antimony	ND		1.9	0.33	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Arsenic	**5.2**		1.4	0.29	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Barium	**74**		19	0.33	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Beryllium	**0.32**	**J**	0.46	0.050	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Cadmium	**0.19**	**J**	0.46	0.044	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Calcium	**2200**		460	34	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Chromium	**9.1**		0.93	0.32	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Cobalt	**5.7**		0.93	0.19	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Copper	**15**		2.3	0.22	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Iron	**13000**		19	6.4	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1

Client Sample ID: SSHS-IRM5A2-SCV24-0-0.5

Lab Sample ID: 180-147901-14

Date Collected: 11/14/22 15:05
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 87.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	31		0.93	0.26	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Magnesium	1900		460	43	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Manganese	400		1.4	1.0	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Nickel	13		3.7	0.22	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Potassium	1000		460	73	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Selenium	0.51	J	1.9	0.43	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Silver	ND		0.93	0.075	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Sodium	ND		460	58	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Thallium	ND		1.9	0.37	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Vanadium	11		4.6	0.76	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1
Zinc	130		4.6	1.3	mg/Kg	☼	11/15/22 15:00	11/16/22 11:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.098	J	0.13	0.023	mg/Kg	☼	11/15/22 15:00	11/16/22 15:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.1		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	87.9		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV24-0.5-1

Lab Sample ID: 180-147901-15

Date Collected: 11/14/22 15:10
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 93.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.1	5.8	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Benzene	ND		1.0	0.26	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Bromoform	ND		1.0	0.43	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Bromomethane	ND		2.0	1.0	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
2-Butanone (MEK)	ND		5.1	0.37	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Carbon disulfide	ND		1.0	0.27	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Chlorodibromomethane	ND		1.0	0.20	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Chloroethane	ND		1.0	0.53	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Chloroform	ND		1.0	0.99	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Chloromethane	ND		1.0	0.44	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Cyclohexane	ND		1.0	0.22	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.47	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,2-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV24-0.5-1 **Lab Sample ID: 180-147901-15**
Date Collected: 11/14/22 15:10 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 93.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,2-Dichloroethene, Total	ND		2.0	0.39	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,2-Dichloropropane	ND		1.0	0.43	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,4-Dioxane	ND		100	9.3	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Ethylbenzene	ND		1.0	0.20	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
2-Hexanone	ND		5.1	1.7	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Methyl acetate	ND		5.1	4.4	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Methylcyclohexane	ND		1.0	0.51	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Methylene Chloride	**1.3**	**J**	2.0	1.2	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.1	1.6	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
m-Xylene & p-Xylene	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Styrene	ND		1.0	0.28	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Toluene	ND		1.0	0.24	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Trichloroethene	ND		1.0	0.33	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Vinyl chloride	ND		1.0	0.55	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1
Xylenes, Total	ND		2.0	0.18	ug/Kg	☼	11/16/22 08:45	11/22/22 07:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*75 - 139*	*11/16/22 08:45*	*11/22/22 07:56*	*1*
Dibromofluoromethane (Surr)	*99*		*73 - 139*	*11/16/22 08:45*	*11/22/22 07:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 145*	*11/16/22 08:45*	*11/22/22 07:56*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/16/22 08:45*	*11/22/22 07:56*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	10	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Acenaphthylene	ND		350	10	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Acetophenone	ND		350	17	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Anthracene	ND		350	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Atrazine	ND		140	21	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Benzaldehyde	ND		350	58	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Benzo[a]anthracene	ND		35	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Benzo[a]pyrene	ND		35	9.4	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Benzo[b]fluoranthene	ND		35	9.1	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Benzo[g,h,i]perylene	ND		350	10	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV24-0.5-1 **Lab Sample ID: 180-147901-15**
Date Collected: 11/14/22 15:10 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 93.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		35	6.9	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Bis(2-chloroethoxy)methane	ND		350	27	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Bis(2-ethylhexyl) phthalate	ND		350	19	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Butyl benzyl phthalate	ND		350	17	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Caprolactam	ND		350	55	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Carbazole	ND		350	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
4-Chloroaniline	ND		350	63	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2-Chlorophenol	ND		350	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Chrysene	ND		350	6.0	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Dibenzofuran	ND		350	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
3,3'-Dichlorobenzidine	ND		140	53	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2,4-Dimethylphenol	ND		350	42	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Dimethyl phthalate	ND		350	80	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Di-n-butyl phthalate	ND		350	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2,4-Dinitrotoluene	ND		71	38	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2,6-Dinitrotoluene	ND		71	25	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Di-n-octyl phthalate	ND		350	19	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
1,4-Dioxane	ND		35	31	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Fluoranthene	ND		350	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Fluorene	ND		350	10	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Hexachlorobenzene	ND		35	17	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Hexachlorobutadiene	ND		71	7.5	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Hexachlorocyclopentadiene	ND		350	31	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Indeno[1,2,3-cd]pyrene	ND		35	14	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Isophorone	ND		140	100	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2-Methylnaphthalene	ND		350	9.9	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Naphthalene	ND		350	6.1	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
3-Nitroaniline	ND		350	84	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
4-Nitroaniline	ND		350	41	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Nitrobenzene	ND		35	20	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
4-Nitrophenol	ND		710	57	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
N-Nitrosodi-n-propylamine	ND		35	26	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1

Client Sample ID: SSHS-IRM5A2-SCV24-0.5-1 **Lab Sample ID: 180-147901-15**
Date Collected: 11/14/22 15:10 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 93.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		350	6.4	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Pentachlorophenol	ND		280	72	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Phenanthrene	ND		350	6.2	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Phenol	ND		350	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
Pyrene	ND		350	8.8	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2,3,4,6-Tetrachlorophenol	ND		350	24	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	11/16/22 20:53	11/17/22 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*22 - 122*	*11/16/22 20:53*	*11/17/22 15:56*	*1*
2-Fluorophenol (Surr)	*78*		*18 - 123*	*11/16/22 20:53*	*11/17/22 15:56*	*1*
Nitrobenzene-d5 (Surr)	*82*		*16 - 125*	*11/16/22 20:53*	*11/17/22 15:56*	*1*
Phenol-d5 (Surr)	*80*		*23 - 120*	*11/16/22 20:53*	*11/17/22 15:56*	*1*
Terphenyl-d14 (Surr)	*96*		*25 - 126*	*11/16/22 20:53*	*11/17/22 15:56*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 123*	*11/16/22 20:53*	*11/17/22 15:56*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.7	ug/Kg	☼	11/18/22 10:22	11/28/22 16:50	1
PCB-1221	ND		17	6.2	ug/Kg	☼	11/18/22 10:22	11/28/22 16:50	1
PCB-1232	ND		17	4.3	ug/Kg	☼	11/18/22 10:22	11/28/22 16:50	1
PCB-1242	ND		17	2.6	ug/Kg	☼	11/18/22 10:22	11/28/22 16:50	1
PCB-1248	ND		17	4.2	ug/Kg	☼	11/18/22 10:22	11/28/22 16:50	1
PCB-1254	ND		17	5.2	ug/Kg	☼	11/18/22 10:22	11/28/22 16:50	1
PCB-1260	ND		17	5.0	ug/Kg	☼	11/18/22 10:22	11/28/22 16:50	1
PCB-1262	ND		17	6.1	ug/Kg	☼	11/18/22 10:22	11/28/22 16:50	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/18/22 10:22	11/28/22 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/18/22 10:22*	*11/28/22 16:50*	*1*
DCB Decachlorobiphenyl (Surr)	*64*		*63 - 138*	*11/18/22 10:22*	*11/28/22 16:50*	*1*
Tetrachloro-m-xylene (Surr)	*73*		*55 - 135*	*11/18/22 10:22*	*11/28/22 16:50*	*1*
Tetrachloro-m-xylene (Surr)	*70*		*55 - 135*	*11/18/22 10:22*	*11/28/22 16:50*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8500**		19	5.0	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Antimony	ND		1.9	0.34	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Arsenic	**5.4**		1.4	0.30	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Barium	**89**		19	0.34	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Beryllium	**0.40**	J	0.47	0.051	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Cadmium	**0.070**	J	0.47	0.045	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Calcium	**1500**		470	34	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Chromium	**10**		0.95	0.32	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Cobalt	**7.8**		0.95	0.19	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Copper	**11**		2.4	0.22	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Iron	**15000**		19	6.6	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Lead	**9.8**		0.95	0.27	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1

Client Sample ID: SSHS-IRM5A2-SCV24-0.5-1 — Lab Sample ID: 180-147901-15

Date Collected: 11/14/22 15:10 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 93.6**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	2200		470	44	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Manganese	410		1.4	1.1	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Nickel	17		3.8	0.22	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Potassium	640		470	75	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Selenium	ND		1.9	0.44	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Silver	ND		0.95	0.077	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Sodium	99	J	470	59	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Thallium	ND		1.9	0.38	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Vanadium	11		4.7	0.78	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1
Zinc	53		4.7	1.3	mg/Kg	☼	11/15/22 15:00	11/16/22 11:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	J	0.094	0.017	mg/Kg	☼	11/15/22 15:00	11/16/22 15:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.4		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	93.6		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV23-0-0.5 — Lab Sample ID: 180-147901-16

Date Collected: 11/14/22 15:15 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 82.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.8	6.5	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Benzene	ND		1.1	0.29	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Bromoform	ND		1.1	0.48	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Bromomethane	ND		2.3	1.1	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
2-Butanone (MEK)	ND		5.7	0.42	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Carbon disulfide	ND		1.1	0.30	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Carbon tetrachloride	ND		1.1	0.44	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Chlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Chlorobromomethane	ND		1.1	0.32	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Chlorodibromomethane	ND		1.1	0.22	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Chloroethane	ND		1.1	0.59	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Chloroform	ND		1.1	1.1	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Chloromethane	ND		1.1	0.49	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
cis-1,2-Dichloroethene	ND		1.1	0.41	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
cis-1,3-Dichloropropene	ND		1.1	0.31	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Cyclohexane	ND		1.1	0.25	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.52	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,2-Dibromoethane	ND		1.1	0.20	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,2-Dichlorobenzene	ND		1.1	0.41	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,3-Dichlorobenzene	ND		1.1	0.41	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,4-Dichlorobenzene	ND		1.1	0.25	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Dichlorobromomethane	ND		1.1	0.29	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Dichlorodifluoromethane	ND		1.1	0.38	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,1-Dichloroethane	ND		1.1	0.23	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1

Client Sample ID: SSHS-IRM5A2-SCV23-0-0.5 **Lab Sample ID: 180-147901-16**
Date Collected: 11/14/22 15:15 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 82.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.1	0.33	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,1-Dichloroethene	ND		1.1	0.25	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,2-Dichloroethene, Total	ND		2.3	0.43	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,2-Dichloropropane	ND	*+	1.1	0.48	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,4-Dioxane	ND		110	10	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Ethylbenzene	ND		1.1	0.23	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
2-Hexanone	ND		5.7	1.9	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Isopropylbenzene	ND		1.1	0.32	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Methyl acetate	ND		5.7	4.9	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Methylcyclohexane	ND		1.1	0.56	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Methylene Chloride	ND		2.3	1.3	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	1.8	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Methyl tert-butyl ether	ND		1.1	0.58	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
m-Xylene & p-Xylene	ND		1.1	0.20	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
o-Xylene	ND		1.1	0.22	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Styrene	ND		1.1	0.31	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.24	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Tetrachloroethene	ND		1.1	0.35	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Toluene	ND		1.1	0.26	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
trans-1,2-Dichloroethene	ND		1.1	0.28	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
trans-1,3-Dichloropropene	ND		1.1	0.30	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,2,3-Trichlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,2,4-Trichlorobenzene	ND		1.1	0.41	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,1,1-Trichloroethane	ND		1.1	0.26	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Trichloroethene	ND		1.1	0.36	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Trichlorofluoromethane	ND		1.1	0.46	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.34	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Vinyl chloride	ND		1.1	0.62	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1
Xylenes, Total	ND		2.3	0.20	ug/Kg	☼	11/16/22 08:45	11/21/22 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*75 - 139*	*11/16/22 08:45*	*11/21/22 17:02*	*1*
Dibromofluoromethane (Surr)	*123*		*73 - 139*	*11/16/22 08:45*	*11/21/22 17:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*143*		*72 - 145*	*11/16/22 08:45*	*11/21/22 17:02*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*11/16/22 08:45*	*11/21/22 17:02*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Acenaphthylene	ND		400	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Acetophenone	ND		400	20	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Anthracene	ND		400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Atrazine	ND		160	24	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Benzaldehyde	ND		400	66	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Benzo[a]anthracene	**83**		40	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Benzo[a]pyrene	**100**		40	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Benzo[b]fluoranthene	**160**		40	10	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Benzo[g,h,i]perylene	**90**	**J**	400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Benzo[k]fluoranthene	**67**		40	7.9	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV23-0-0.5 **Lab Sample ID: 180-147901-16**
Date Collected: 11/14/22 15:15 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 82.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Bis(2-chloroethoxy)methane	ND		400	31	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Bis(2-ethylhexyl) phthalate	ND		400	21	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Caprolactam	ND		400	62	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Carbazole	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
4-Chloroaniline	ND		400	71	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
4-Chloro-3-methylphenol	ND		400	22	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2-Chloronaphthalene	ND		400	19	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Chrysene	**110**	**J**	400	6.8	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Dibenz(a,h)anthracene	**20**	**J**	40	17	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Dibenzofuran	ND		400	13	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
3,3'-Dichlorobenzidine	ND		160	61	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2,4-Dichlorophenol	ND		160	26	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2,4-Dimethylphenol	ND		400	48	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Dimethyl phthalate	ND		400	91	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Di-n-butyl phthalate	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2,4-Dinitrophenol	ND		320	200	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2,4-Dinitrotoluene	ND		81	43	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2,6-Dinitrotoluene	ND		81	29	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Di-n-octyl phthalate	ND		400	21	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
1,4-Dioxane	ND		40	35	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Fluoranthene	**210**	**J**	400	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Fluorene	ND		400	12	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Hexachlorobutadiene	ND		81	8.5	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Hexachlorocyclopentadiene	ND		400	35	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Hexachloroethane	ND		40	14	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Indeno[1,2,3-cd]pyrene	**100**		40	16	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Isophorone	ND		160	120	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2-Methylnaphthalene	ND		400	11	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2-Methylphenol	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Methylphenol, 3 & 4	ND		400	25	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Naphthalene	ND		400	6.9	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2-Nitroaniline	ND		400	31	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
3-Nitroaniline	ND		400	95	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
4-Nitroaniline	ND		400	46	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Nitrobenzene	ND		40	22	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2-Nitrophenol	ND		400	40	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
4-Nitrophenol	ND		810	65	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2,2'-oxybis[1-chloropropane]	ND		400	7.3	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1

Client Sample ID: SSHS-IRM5A2-SCV23-0-0.5 **Lab Sample ID: 180-147901-16**
Date Collected: 11/14/22 15:15 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 82.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		320	82	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Phenanthrene	**66**	**J**	400	7.0	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Phenol	ND		400	15	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
Pyrene	**180**	**J**	400	10	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
1,2,4,5-Tetrachlorobenzene	ND		400	13	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2,3,4,6-Tetrachlorophenol	ND		400	27	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2,4,5-Trichlorophenol	ND		400	41	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1
2,4,6-Trichlorophenol	ND		160	51	ug/Kg	☼	11/16/22 20:53	11/17/22 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*94*		*22 - 122*	*11/16/22 20:53*	*11/17/22 16:48*	*1*
2-Fluorophenol (Surr)	*84*		*18 - 123*	*11/16/22 20:53*	*11/17/22 16:48*	*1*
Nitrobenzene-d5 (Surr)	*90*		*16 - 125*	*11/16/22 20:53*	*11/17/22 16:48*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*11/16/22 20:53*	*11/17/22 16:48*	*1*
Terphenyl-d14 (Surr)	*100*		*25 - 126*	*11/16/22 20:53*	*11/17/22 16:48*	*1*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 123*	*11/16/22 20:53*	*11/17/22 16:48*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	11/18/22 10:22	11/28/22 17:09	1
PCB-1221	ND		20	7.2	ug/Kg	☼	11/18/22 10:22	11/28/22 17:09	1
PCB-1232	ND		20	4.9	ug/Kg	☼	11/18/22 10:22	11/28/22 17:09	1
PCB-1242	ND		20	3.0	ug/Kg	☼	11/18/22 10:22	11/28/22 17:09	1
PCB-1248	ND		20	4.9	ug/Kg	☼	11/18/22 10:22	11/28/22 17:09	1
PCB-1254	ND		20	6.1	ug/Kg	☼	11/18/22 10:22	11/28/22 17:09	1
PCB-1260	ND		20	5.8	ug/Kg	☼	11/18/22 10:22	11/28/22 17:09	1
PCB-1262	ND		20	7.1	ug/Kg	☼	11/18/22 10:22	11/28/22 17:09	1
PCB-1268	ND		20	2.7	ug/Kg	☼	11/18/22 10:22	11/28/22 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*63*		*63 - 138*	*11/18/22 10:22*	*11/28/22 17:09*	*1*
DCB Decachlorobiphenyl (Surr)	*64*		*63 - 138*	*11/18/22 10:22*	*11/28/22 17:09*	*1*
Tetrachloro-m-xylene (Surr)	*71*		*55 - 135*	*11/18/22 10:22*	*11/28/22 17:09*	*1*
Tetrachloro-m-xylene (Surr)	*67*		*55 - 135*	*11/18/22 10:22*	*11/28/22 17:09*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8600**		18	4.7	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Antimony	ND		1.8	0.32	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Arsenic	**5.5**		1.3	0.28	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Barium	**84**		18	0.32	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Beryllium	**0.39**	**J**	0.44	0.048	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Cadmium	**0.40**	**J**	0.44	0.043	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Calcium	**2400**		440	32	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Chromium	**11**		0.89	0.30	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Cobalt	**7.5**		0.89	0.18	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Copper	**14**		2.2	0.21	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Iron	**15000**		18	6.2	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Lead	**16**		0.89	0.25	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Magnesium	**2200**		440	41	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1

Client Sample ID: SSHS-IRM5A2-SCV23-0-0.5

Lab Sample ID: 180-147901-16

Date Collected: 11/14/22 15:15
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 82.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	450		1.3	0.99	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Nickel	17		3.5	0.21	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Potassium	1000		440	70	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Selenium	0.53	J	1.8	0.42	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Silver	ND		0.89	0.072	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Sodium	170	J	440	56	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Thallium	ND		1.8	0.35	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Vanadium	12		4.4	0.73	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1
Zinc	100		4.4	1.2	mg/Kg	☼	11/15/22 15:00	11/16/22 11:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058	J	0.12	0.021	mg/Kg	☼	11/15/22 15:00	11/16/22 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.7		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	82.3		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV23-0.5-1

Lab Sample ID: 180-147901-17

Date Collected: 11/14/22 15:20
Matrix: Solid
Date Received: 11/15/22 09:00
Percent Solids: 89.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.4	6.1	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Benzene	ND		1.1	0.27	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Bromoform	ND		1.1	0.45	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Bromomethane	ND		2.1	1.1	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
2-Butanone (MEK)	ND		5.3	0.39	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Carbon disulfide	ND		1.1	0.28	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Carbon tetrachloride	ND		1.1	0.41	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Chlorobenzene	ND		1.1	0.19	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Chlorobromomethane	ND		1.1	0.30	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Chlorodibromomethane	ND		1.1	0.21	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Chloroethane	ND		1.1	0.56	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Chloroform	ND		1.1	1.0	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Chloromethane	ND		1.1	0.46	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
cis-1,2-Dichloroethene	ND		1.1	0.38	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
cis-1,3-Dichloropropene	ND		1.1	0.29	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Cyclohexane	ND		1.1	0.24	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.49	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,2-Dibromoethane	ND		1.1	0.19	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,2-Dichlorobenzene	ND		1.1	0.38	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,3-Dichlorobenzene	ND		1.1	0.39	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,4-Dichlorobenzene	ND		1.1	0.24	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Dichlorobromomethane	ND		1.1	0.27	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Dichlorodifluoromethane	ND		1.1	0.36	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,1-Dichloroethane	ND		1.1	0.22	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,2-Dichloroethane	ND		1.1	0.31	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1

Client Sample ID: SSHS-IRM5A2-SCV23-0.5-1 **Lab Sample ID: 180-147901-17**
Date Collected: 11/14/22 15:20 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 89.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.1	0.24	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,2-Dichloroethene, Total	ND		2.1	0.41	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,2-Dichloropropane	ND	*+	1.1	0.45	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,4-Dioxane	ND		110	9.8	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Ethylbenzene	ND		1.1	0.21	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
2-Hexanone	ND		5.3	1.8	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Isopropylbenzene	ND		1.1	0.30	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Methyl acetate	ND		5.3	4.6	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Methylcyclohexane	ND		1.1	0.53	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Methylene Chloride	ND		2.1	1.2	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.7	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Methyl tert-butyl ether	ND		1.1	0.54	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
m-Xylene & p-Xylene	ND		1.1	0.19	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
o-Xylene	ND		1.1	0.21	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Styrene	ND		1.1	0.30	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.23	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Tetrachloroethene	ND		1.1	0.32	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Toluene	**0.32**	**J**	1.1	0.25	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
trans-1,2-Dichloroethene	ND		1.1	0.26	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
trans-1,3-Dichloropropene	ND		1.1	0.28	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,2,3-Trichlorobenzene	ND		1.1	0.19	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,2,4-Trichlorobenzene	ND		1.1	0.38	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,1,1-Trichloroethane	ND		1.1	0.25	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Trichloroethene	ND		1.1	0.34	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Trichlorofluoromethane	ND		1.1	0.43	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.32	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Vinyl chloride	ND		1.1	0.58	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1
Xylenes, Total	ND		2.1	0.19	ug/Kg	☼	11/16/22 08:46	11/21/22 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*75 - 139*	*11/16/22 08:46*	*11/21/22 17:44*	*1*
Dibromofluoromethane (Surr)	*124*		*73 - 139*	*11/16/22 08:46*	*11/21/22 17:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*		*72 - 145*	*11/16/22 08:46*	*11/21/22 17:44*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*11/16/22 08:46*	*11/21/22 17:44*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Acenaphthylene	ND		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Acetophenone	ND		370	18	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Anthracene	ND		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Atrazine	ND		150	22	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Benzaldehyde	ND		370	61	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Benzo[a]anthracene	**27**	**J**	37	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Benzo[a]pyrene	**21**	**J**	37	9.8	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Benzo[b]fluoranthene	**32**	**J**	37	9.6	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Benzo[g,h,i]perylene	**18**	**J**	370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Benzo[k]fluoranthene	**15**	**J**	37	7.2	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV23-0.5-1 **Lab Sample ID: 180-147901-17**
Date Collected: 11/14/22 15:20 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 89.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Bis(2-ethylhexyl) phthalate	ND		370	20	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Butyl benzyl phthalate	ND		370	17	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Caprolactam	ND		370	58	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Carbazole	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
4-Chloroaniline	ND		370	66	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Chrysene	27	J	370	6.2	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Dibenz(a,h)anthracene	ND		37	16	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Dibenzofuran	ND		370	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
3,3'-Dichlorobenzidine	ND		150	56	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2,4-Dimethylphenol	ND		370	44	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Dimethyl phthalate	ND		370	84	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Di-n-butyl phthalate	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2,4-Dinitrophenol	ND		300	180	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2,4-Dinitrotoluene	ND		75	40	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2,6-Dinitrotoluene	ND		75	27	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Di-n-octyl phthalate	ND		370	20	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
1,4-Dioxane	ND		37	32	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Fluoranthene	52	J	370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Fluorene	ND		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Hexachlorobenzene	ND		37	18	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Hexachlorobutadiene	ND		75	7.9	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Hexachlorocyclopentadiene	ND		370	32	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Indeno[1,2,3-cd]pyrene	ND		37	14	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Isophorone	ND		150	110	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2-Methylnaphthalene	ND		370	10	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Methylphenol, 3 & 4	ND		370	23	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Naphthalene	ND		370	6.4	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
3-Nitroaniline	ND		370	88	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
4-Nitroaniline	ND		370	42	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Nitrobenzene	ND		37	20	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2-Nitrophenol	ND		370	37	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
4-Nitrophenol	ND		750	60	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
N-Nitrosodiphenylamine	ND		370	30	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2,2'-oxybis[1-chloropropane]	ND		370	6.7	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Pentachlorophenol	ND		300	76	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1

Client Sample ID: SSHS-IRM5A2-SCV23-0.5-1 **Lab Sample ID: 180-147901-17**
Date Collected: 11/14/22 15:20 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 89.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**18**	**J**	370	6.5	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Phenol	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
Pyrene	**46**	**J**	370	9.2	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
1,2,4,5-Tetrachlorobenzene	ND		370	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2,4,5-Trichlorophenol	ND		370	38	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/16/22 20:53	11/17/22 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*91*		*22 - 122*	*11/16/22 20:53*	*11/17/22 15:39*	*1*
2-Fluorophenol (Surr)	*82*		*18 - 123*	*11/16/22 20:53*	*11/17/22 15:39*	*1*
Nitrobenzene-d5 (Surr)	*88*		*16 - 125*	*11/16/22 20:53*	*11/17/22 15:39*	*1*
Phenol-d5 (Surr)	*84*		*23 - 120*	*11/16/22 20:53*	*11/17/22 15:39*	*1*
Terphenyl-d14 (Surr)	*97*		*25 - 126*	*11/16/22 20:53*	*11/17/22 15:39*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 123*	*11/16/22 20:53*	*11/17/22 15:39*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.0	ug/Kg	☼	11/18/22 10:22	11/28/22 17:28	1
PCB-1221	ND		19	6.6	ug/Kg	☼	11/18/22 10:22	11/28/22 17:28	1
PCB-1232	ND		19	4.5	ug/Kg	☼	11/18/22 10:22	11/28/22 17:28	1
PCB-1242	ND		19	2.7	ug/Kg	☼	11/18/22 10:22	11/28/22 17:28	1
PCB-1248	ND		19	4.4	ug/Kg	☼	11/18/22 10:22	11/28/22 17:28	1
PCB-1254	ND		19	5.6	ug/Kg	☼	11/18/22 10:22	11/28/22 17:28	1
PCB-1260	ND		19	5.3	ug/Kg	☼	11/18/22 10:22	11/28/22 17:28	1
PCB-1262	ND		19	6.5	ug/Kg	☼	11/18/22 10:22	11/28/22 17:28	1
PCB-1268	ND		19	2.5	ug/Kg	☼	11/18/22 10:22	11/28/22 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*	*11/18/22 10:22*	*11/28/22 17:28*	*1*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/18/22 10:22*	*11/28/22 17:28*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*55 - 135*	*11/18/22 10:22*	*11/28/22 17:28*	*1*
Tetrachloro-m-xylene (Surr)	*71*		*55 - 135*	*11/18/22 10:22*	*11/28/22 17:28*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8900**		18	4.8	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Antimony	ND		1.8	0.32	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Arsenic	**5.1**		1.4	0.28	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Barium	**92**		18	0.33	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Beryllium	**0.39**	**J**	0.45	0.049	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Cadmium	**0.11**	**J**	0.45	0.043	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Calcium	**1300**		450	33	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Chromium	**11**		0.90	0.31	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Cobalt	**7.2**		0.90	0.18	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Copper	**11**		2.3	0.21	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Iron	**15000**		18	6.3	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Lead	**13**		0.90	0.25	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Magnesium	**2000**		450	42	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Manganese	**440**		1.4	1.0	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV23-0.5-1 — Lab Sample ID: 180-147901-17

Date Collected: 11/14/22 15:20 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 89.4**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	16		3.6	0.21	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Potassium	650		450	71	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Selenium	0.57	J	1.8	0.42	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Silver	ND		0.90	0.073	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Sodium	69	J	450	57	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Thallium	ND		1.8	0.36	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Vanadium	13		4.5	0.74	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1
Zinc	60		4.5	1.2	mg/Kg	☼	11/15/22 15:00	11/16/22 11:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040	J	0.12	0.022	mg/Kg	☼	11/15/22 15:00	11/16/22 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.6		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	89.4		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-DUP5 — Lab Sample ID: 180-147901-18

Date Collected: 11/14/22 00:00 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 88.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.6	5.3	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Benzene	ND		0.93	0.24	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Bromoform	ND		0.93	0.39	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Bromomethane	ND		1.9	0.93	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
2-Butanone (MEK)	ND		4.6	0.34	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Carbon disulfide	ND		0.93	0.25	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Carbon tetrachloride	ND		0.93	0.36	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Chlorobenzene	ND		0.93	0.16	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Chlorobromomethane	ND		0.93	0.26	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Chlorodibromomethane	ND		0.93	0.18	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Chloroethane	ND		0.93	0.48	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Chloroform	ND		0.93	0.90	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Chloromethane	ND		0.93	0.40	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
cis-1,2-Dichloroethene	ND		0.93	0.33	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
cis-1,3-Dichloropropene	ND		0.93	0.25	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Cyclohexane	ND		0.93	0.20	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,2-Dibromo-3-Chloropropane	ND		0.93	0.43	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,2-Dibromoethane	ND		0.93	0.17	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,2-Dichlorobenzene	ND		0.93	0.33	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,3-Dichlorobenzene	ND		0.93	0.34	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,4-Dichlorobenzene	ND		0.93	0.21	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Dichlorobromomethane	ND		0.93	0.24	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Dichlorodifluoromethane	ND		0.93	0.31	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,1-Dichloroethane	ND		0.93	0.19	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,2-Dichloroethane	ND		0.93	0.27	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,1-Dichloroethene	ND		0.93	0.21	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1

Client Sample ID: SSHS-IRM5A2-DUP5 **Lab Sample ID: 180-147901-18**
Date Collected: 11/14/22 00:00 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 88.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		1.9	0.35	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,2-Dichloropropane	ND		0.93	0.39	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,4-Dioxane	ND		93	8.5	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Ethylbenzene	ND		0.93	0.18	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
2-Hexanone	ND		4.6	1.6	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Isopropylbenzene	ND		0.93	0.26	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Methyl acetate	ND		4.6	4.0	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Methylcyclohexane	ND		0.93	0.46	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Methylene Chloride	ND		1.9	1.1	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
4-Methyl-2-pentanone (MIBK)	ND		4.6	1.4	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Methyl tert-butyl ether	ND		0.93	0.47	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
m-Xylene & p-Xylene	ND		0.93	0.16	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
o-Xylene	ND		0.93	0.18	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Styrene	ND		0.93	0.26	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,1,2,2-Tetrachloroethane	ND		0.93	0.20	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Tetrachloroethene	ND		0.93	0.28	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Toluene	ND		0.93	0.22	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
trans-1,2-Dichloroethene	ND		0.93	0.23	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
trans-1,3-Dichloropropene	ND		0.93	0.25	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,2,3-Trichlorobenzene	ND		0.93	0.17	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,2,4-Trichlorobenzene	ND		0.93	0.33	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,1,1-Trichloroethane	ND		0.93	0.22	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,1,2-Trichloroethane	ND		0.93	0.16	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Trichloroethene	ND		0.93	0.30	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Trichlorofluoromethane	ND		0.93	0.38	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.93	0.28	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Vinyl chloride	ND		0.93	0.51	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1
Xylenes, Total	ND		1.9	0.16	ug/Kg	☼	11/16/22 08:46	11/22/22 08:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*75 - 139*	*11/16/22 08:46*	*11/22/22 08:19*	*1*
Dibromofluoromethane (Surr)	*97*		*73 - 139*	*11/16/22 08:46*	*11/22/22 08:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*	*11/16/22 08:46*	*11/22/22 08:19*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*11/16/22 08:46*	*11/22/22 08:19*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Acenaphthylene	ND		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Acetophenone	ND		370	18	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Anthracene	ND		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Atrazine	ND		150	22	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Benzaldehyde	ND		370	61	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Benzo[a]anthracene	**25**	**J**	37	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Benzo[a]pyrene	**16**	**J**	37	9.9	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Benzo[b]fluoranthene	**26**	**J**	37	9.6	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Benzo[g,h,i]perylene	**13**	**J**	370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Benzo[k]fluoranthene	**11**	**J**	37	7.3	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-DUP5 **Lab Sample ID: 180-147901-18**
Date Collected: 11/14/22 00:00 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 88.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Bis(2-ethylhexyl) phthalate	ND		370	20	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Butyl benzyl phthalate	ND		370	17	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Caprolactam	ND		370	58	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Carbazole	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
4-Chloroaniline	ND		370	66	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Chrysene	**20**	**J**	370	6.3	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Dibenz(a,h)anthracene	ND		37	16	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Dibenzofuran	ND		370	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
3,3'-Dichlorobenzidine	ND		150	56	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2,4-Dimethylphenol	ND		370	44	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Dimethyl phthalate	ND		370	84	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Di-n-butyl phthalate	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2,4-Dinitrophenol	ND		300	180	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2,4-Dinitrotoluene	ND		75	40	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2,6-Dinitrotoluene	ND		75	27	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Di-n-octyl phthalate	ND		370	20	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
1,4-Dioxane	ND		37	32	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Fluoranthene	**38**	**J**	370	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Fluorene	ND		370	11	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Hexachlorobenzene	ND		37	18	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Hexachlorobutadiene	ND		75	7.9	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Hexachlorocyclopentadiene	ND		370	33	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Indeno[1,2,3-cd]pyrene	ND		37	15	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Isophorone	ND		150	110	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2-Methylnaphthalene	ND		370	10	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Methylphenol, 3 & 4	ND		370	23	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Naphthalene	ND		370	6.4	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
3-Nitroaniline	ND		370	88	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
4-Nitroaniline	ND		370	43	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Nitrobenzene	ND		37	21	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2-Nitrophenol	ND		370	37	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
4-Nitrophenol	ND		750	61	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
N-Nitrosodiphenylamine	ND		370	31	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2,2'-oxybis[1-chloropropane]	ND		370	6.7	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Pentachlorophenol	ND		300	76	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Phenanthrene	**12**	**J**	370	6.5	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1

Client Sample ID: SSHS-IRM5A2-DUP5 **Lab Sample ID: 180-147901-18**
Date Collected: 11/14/22 00:00 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 88.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		370	14	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
Pyrene	**31**	**J**	370	9.2	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
1,2,4,5-Tetrachlorobenzene	ND		370	12	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2,4,5-Trichlorophenol	ND		370	38	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	11/16/22 20:53	11/17/22 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*22 - 122*	*11/16/22 20:53*	*11/17/22 15:05*	*1*
2-Fluorophenol (Surr)	*80*		*18 - 123*	*11/16/22 20:53*	*11/17/22 15:05*	*1*
Nitrobenzene-d5 (Surr)	*84*		*16 - 125*	*11/16/22 20:53*	*11/17/22 15:05*	*1*
Phenol-d5 (Surr)	*81*		*23 - 120*	*11/16/22 20:53*	*11/17/22 15:05*	*1*
Terphenyl-d14 (Surr)	*97*		*25 - 126*	*11/16/22 20:53*	*11/17/22 15:05*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 123*	*11/16/22 20:53*	*11/17/22 15:05*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	11/18/22 10:22	11/28/22 17:47	1
PCB-1221	ND		19	6.6	ug/Kg	☼	11/18/22 10:22	11/28/22 17:47	1
PCB-1232	ND		19	4.6	ug/Kg	☼	11/18/22 10:22	11/28/22 17:47	1
PCB-1242	ND		19	2.7	ug/Kg	☼	11/18/22 10:22	11/28/22 17:47	1
PCB-1248	**5.6**	**J**	19	4.5	ug/Kg	☼	11/18/22 10:22	11/28/22 17:47	1
PCB-1254	ND		19	5.6	ug/Kg	☼	11/18/22 10:22	11/28/22 17:47	1
PCB-1260	ND		19	5.3	ug/Kg	☼	11/18/22 10:22	11/28/22 17:47	1
PCB-1262	ND		19	6.6	ug/Kg	☼	11/18/22 10:22	11/28/22 17:47	1
PCB-1268	ND		19	2.5	ug/Kg	☼	11/18/22 10:22	11/28/22 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*60*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 17:47*	*1*
DCB Decachlorobiphenyl (Surr)	*59*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 17:47*	*1*
Tetrachloro-m-xylene (Surr)	*67*		*55 - 135*	*11/18/22 10:22*	*11/28/22 17:47*	*1*
Tetrachloro-m-xylene (Surr)	*65*		*55 - 135*	*11/18/22 10:22*	*11/28/22 17:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9200**		18	4.8	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Antimony	ND		1.8	0.32	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Arsenic	**5.3**		1.3	0.28	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Barium	**94**		18	0.32	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Beryllium	**0.40**	**J**	0.45	0.048	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Cadmium	**0.13**	**J**	0.45	0.043	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Calcium	**1200**		450	33	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Chromium	**11**		0.90	0.31	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Cobalt	**7.5**		0.90	0.18	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Copper	**11**		2.2	0.21	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Iron	**16000**		18	6.2	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Lead	**11**		0.90	0.25	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Magnesium	**2200**		450	41	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Manganese	**430**		1.3	1.0	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Nickel	**17**		3.6	0.21	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1

Client Sample ID: SSHS-IRM5A2-DUP5 — Lab Sample ID: 180-147901-18

Date Collected: 11/14/22 00:00 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 88.5**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	750		450	71	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Selenium	0.47	J	1.8	0.42	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Silver	ND		0.90	0.073	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Sodium	88	J	450	56	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Thallium	ND		1.8	0.36	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Vanadium	13		4.5	0.74	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1
Zinc	55		4.5	1.2	mg/Kg	☼	11/15/22 15:00	11/16/22 11:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	J	0.10	0.019	mg/Kg	☼	11/15/22 15:00	11/16/22 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.5		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	88.5		1.0	1.0	%			11/16/22 09:15	1

Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5 — Lab Sample ID: 180-147901-19

Date Collected: 11/14/22 15:25 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 83.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F1	6.1	5.8	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Benzene	ND	F1	1.0	0.26	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Bromoform	ND	F1	1.0	0.43	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Bromomethane	ND		2.0	1.0	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
2-Butanone (MEK)	ND	F1	5.1	0.37	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Carbon disulfide	ND		1.0	0.27	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Chlorobenzene	ND	F1	1.0	0.18	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Chlorodibromomethane	ND	F1	1.0	0.20	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Chloroethane	ND		1.0	0.53	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Chloroform	ND		1.0	0.98	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Chloromethane	ND		1.0	0.44	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
cis-1,3-Dichloropropene	ND	F1	1.0	0.28	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Cyclohexane	ND		1.0	0.22	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,2-Dibromo-3-Chloropropane	ND	F1	1.0	0.47	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,2-Dibromoethane	ND	F1	1.0	0.18	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,2-Dichlorobenzene	ND	F1	1.0	0.37	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,3-Dichlorobenzene	ND	F1	1.0	0.37	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,4-Dichlorobenzene	ND	F1	1.0	0.23	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,2-Dichloroethene, Total	ND		2.0	0.39	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1

Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5 **Lab Sample ID: 180-147901-19**
Date Collected: 11/14/22 15:25 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 83.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.43	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,4-Dioxane	ND		100	9.3	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Ethylbenzene	ND	F1	1.0	0.20	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
2-Hexanone	ND	F1	5.1	1.7	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Isopropylbenzene	ND	F1	1.0	0.29	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Methyl acetate	ND		5.1	4.4	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Methylcyclohexane	ND		1.0	0.51	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Methylene Chloride	ND		2.0	1.2	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
4-Methyl-2-pentanone (MIBK)	ND	F1	5.1	1.6	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
m-Xylene & p-Xylene	ND	F1	1.0	0.18	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
o-Xylene	ND	F1	1.0	0.20	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Styrene	ND	F1	1.0	0.28	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,1,2,2-Tetrachloroethane	ND	F1	1.0	0.22	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Tetrachloroethene	ND	F1	1.0	0.31	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Toluene	ND	F1	1.0	0.24	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
trans-1,3-Dichloropropene	ND	F1	1.0	0.27	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,2,3-Trichlorobenzene	ND	F1	1.0	0.18	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,2,4-Trichlorobenzene	ND	F1	1.0	0.36	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,1,2-Trichloroethane	ND	F1	1.0	0.18	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Trichloroethene	ND	F1	1.0	0.32	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Vinyl chloride	ND		1.0	0.55	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1
Xylenes, Total	ND	F1	2.0	0.18	ug/Kg	☼	11/16/22 08:46	11/21/22 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*75 - 139*	*11/16/22 08:46*	*11/21/22 03:22*	*1*
Dibromofluoromethane (Surr)	*116*		*73 - 139*	*11/16/22 08:46*	*11/21/22 03:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*72 - 145*	*11/16/22 08:46*	*11/21/22 03:22*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*11/16/22 08:46*	*11/21/22 03:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	11	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Acenaphthylene	ND		400	11	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Acetophenone	ND		400	20	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Anthracene	ND		400	12	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Atrazine	ND	*+	160	23	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Benzaldehyde	ND		400	66	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Benzo[a]anthracene	**52**		40	14	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Benzo[a]pyrene	**58**		40	11	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Benzo[b]fluoranthene	**95**		40	10	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Benzo[g,h,i]perylene	**46**	**J**	400	12	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Benzo[k]fluoranthene	**40**		40	7.8	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
1,1'-Biphenyl	ND		400	14	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Bis(2-chloroethoxy)methane	ND		400	31	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5 **Lab Sample ID: 180-147901-19**
Date Collected: 11/14/22 15:25 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 83.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		400	21	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Caprolactam	ND		400	62	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Carbazole	ND		400	15	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
4-Chloroaniline	ND		400	71	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
4-Chloro-3-methylphenol	ND		400	22	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2-Chloronaphthalene	ND		400	18	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Chrysene	**68**	**J**	400	6.7	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Dibenz(a,h)anthracene	ND		40	17	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Dibenzofuran	ND		400	13	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
3,3'-Dichlorobenzidine	ND		160	60	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2,4-Dichlorophenol	ND		160	26	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2,4-Dimethylphenol	ND		400	47	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Dimethyl phthalate	ND		400	90	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Di-n-butyl phthalate	ND		400	15	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2,4-Dinitrophenol	ND	*+	320	200	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2,4-Dinitrotoluene	ND		81	43	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2,6-Dinitrotoluene	ND		81	29	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Di-n-octyl phthalate	ND		400	21	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
1,4-Dioxane	ND		40	35	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Fluoranthene	**120**	**J**	400	14	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Fluorene	ND		400	12	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Hexachlorobutadiene	ND		81	8.5	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Hexachlorocyclopentadiene	ND		400	35	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Hexachloroethane	ND		40	14	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Indeno[1,2,3-cd]pyrene	**60**	**F1 *+**	40	16	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Isophorone	ND		160	120	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2-Methylnaphthalene	ND		400	11	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2-Methylphenol	ND		400	15	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Methylphenol, 3 & 4	ND		400	25	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Naphthalene	ND		400	6.9	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
3-Nitroaniline	ND		400	94	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
4-Nitroaniline	ND		400	46	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Nitrobenzene	ND		40	22	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2-Nitrophenol	ND		400	40	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
4-Nitrophenol	ND		810	65	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2,2'-oxybis[1-chloropropane]	ND		400	7.2	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Pentachlorophenol	ND		320	82	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Phenanthrene	**33**	**J**	400	7.0	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
Phenol	ND		400	15	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1

Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5 **Lab Sample ID: 180-147901-19**
Date Collected: 11/14/22 15:25 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 83.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	96	J	400	9.9	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
1,2,4,5-Tetrachlorobenzene	ND		400	12	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2,3,4,6-Tetrachlorophenol	ND		400	27	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2,4,5-Trichlorophenol	ND		400	41	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1
2,4,6-Trichlorophenol	ND		160	51	ug/Kg	☼	11/17/22 22:34	11/18/22 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*22 - 122*	*11/17/22 22:34*	*11/18/22 18:35*	*1*
2-Fluorophenol (Surr)	*61*		*18 - 123*	*11/17/22 22:34*	*11/18/22 18:35*	*1*
Nitrobenzene-d5 (Surr)	*70*		*16 - 125*	*11/17/22 22:34*	*11/18/22 18:35*	*1*
Phenol-d5 (Surr)	*71*		*23 - 120*	*11/17/22 22:34*	*11/18/22 18:35*	*1*
Terphenyl-d14 (Surr)	*99*		*25 - 126*	*11/17/22 22:34*	*11/18/22 18:35*	*1*
2,4,6-Tribromophenol (Surr)	*110*		*10 - 123*	*11/17/22 22:34*	*11/18/22 18:35*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	11/18/22 10:22	11/28/22 10:49	1
PCB-1221	ND		19	6.9	ug/Kg	☼	11/18/22 10:22	11/28/22 10:49	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:22	11/28/22 10:49	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:22	11/28/22 10:49	1
PCB-1248	ND		19	4.7	ug/Kg	☼	11/18/22 10:22	11/28/22 10:49	1
PCB-1254	ND		19	5.8	ug/Kg	☼	11/18/22 10:22	11/28/22 10:49	1
PCB-1260	ND		19	5.5	ug/Kg	☼	11/18/22 10:22	11/28/22 10:49	1
PCB-1262	ND		19	6.8	ug/Kg	☼	11/18/22 10:22	11/28/22 10:49	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:22	11/28/22 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*61*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 10:49*	*1*
DCB Decachlorobiphenyl (Surr)	*60*	*S1-*	*63 - 138*	*11/18/22 10:22*	*11/28/22 10:49*	*1*
Tetrachloro-m-xylene (Surr)	*68*		*55 - 135*	*11/18/22 10:22*	*11/28/22 10:49*	*1*
Tetrachloro-m-xylene (Surr)	*61*		*55 - 135*	*11/18/22 10:22*	*11/28/22 10:49*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9100		17	4.6	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Antimony	0.38	J F1	1.7	0.31	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Arsenic	5.3		1.3	0.27	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Barium	96		17	0.31	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Beryllium	0.40	J	0.43	0.047	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Cadmium	0.097	J	0.43	0.042	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Calcium	1500		430	32	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Chromium	11		0.87	0.30	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Cobalt	6.8		0.87	0.17	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Copper	12		2.2	0.20	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Iron	15000		17	6.0	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Lead	15		0.87	0.24	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Magnesium	2000		430	40	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Manganese	480		1.3	0.96	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Nickel	15		3.5	0.20	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Potassium	600		430	69	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5 **Lab Sample ID: 180-147901-19**
Date Collected: 11/14/22 15:25 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 83.0**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.68	J	1.7	0.41	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Silver	ND		0.87	0.070	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Sodium	140	J	430	54	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Thallium	ND		1.7	0.35	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Vanadium	14		4.3	0.71	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1
Zinc	58		4.3	1.2	mg/Kg	☼	11/15/22 15:00	11/16/22 09:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058	J	0.11	0.019	mg/Kg	☼	11/15/22 15:00	11/16/22 13:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.0		1.0	1.0	%			11/16/22 09:15	1
Percent Solids (EPA Moisture)	83.0		1.0	1.0	%			11/16/22 09:15	1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 180-147901-19 MS **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879057 **Prep Batch: 878146**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	F1	106	177	F1	ug/Kg	☼	167	63 - 131
Benzene	ND	F1	21.2	16.6	F1	ug/Kg	☼	78	80 - 123
Bromoform	ND	F1	21.2	11.7	F1	ug/Kg	☼	55	70 - 125
Bromomethane	ND		21.2	24.2		ug/Kg	☼	114	64 - 150
2-Butanone (MEK)	ND	F1	106	74.4	F1	ug/Kg	☼	70	75 - 120
Carbon disulfide	ND		21.2	18.2		ug/Kg	☼	86	76 - 120
Carbon tetrachloride	ND		21.2	20.4		ug/Kg	☼	96	77 - 121
Chlorobenzene	ND	F1	21.2	12.5	F1	ug/Kg	☼	59	80 - 120
Chlorobromomethane	ND		21.2	17.8		ug/Kg	☼	84	76 - 127
Chlorodibromomethane	ND	F1	21.2	13.7	F1	ug/Kg	☼	65	80 - 120
Chloroethane	ND		21.2	19.6		ug/Kg	☼	92	68 - 132
Chloroform	ND		21.2	19.6		ug/Kg	☼	92	79 - 126
Chloromethane	ND		21.2	17.7		ug/Kg	☼	84	63 - 130
cis-1,2-Dichloroethene	ND		21.2	18.2		ug/Kg	☼	86	80 - 123
cis-1,3-Dichloropropene	ND	F1	21.2	12.9	F1	ug/Kg	☼	61	80 - 120
Cyclohexane	ND		21.2	20.2		ug/Kg	☼	95	70 - 132
1,2-Dibromo-3-Chloropropane	ND	F1	21.2	11.2	F1	ug/Kg	☼	53	60 - 124
1,2-Dibromoethane	ND	F1	21.2	12.8	F1	ug/Kg	☼	61	79 - 120
1,2-Dichlorobenzene	ND	F1	21.2	9.27	F1	ug/Kg	☼	44	80 - 120
1,3-Dichlorobenzene	ND	F1	21.2	9.15	F1	ug/Kg	☼	43	80 - 120
1,4-Dichlorobenzene	ND	F1	21.2	8.74	F1	ug/Kg	☼	41	80 - 120
Dichlorobromomethane	ND		21.2	18.1		ug/Kg	☼	86	73 - 124
Dichlorodifluoromethane	ND		21.2	20.4		ug/Kg	☼	96	62 - 150
1,1-Dichloroethane	ND		21.2	20.1		ug/Kg	☼	95	77 - 129
1,2-Dichloroethane	ND		21.2	19.1		ug/Kg	☼	90	75 - 123
1,1-Dichloroethene	ND		21.2	19.4		ug/Kg	☼	92	70 - 132
1,2-Dichloroethene, Total	ND		42.4	35.5		ug/Kg	☼	84	79 - 125
1,2-Dichloropropane	ND		21.2	18.6		ug/Kg	☼	88	73 - 124
1,4-Dioxane	ND		424	471		ug/Kg	☼	111	80 - 136
Ethylbenzene	ND	F1	21.2	14.1	F1	ug/Kg	☼	67	76 - 120
2-Hexanone	ND	F1	106	61.0	F1	ug/Kg	☼	58	70 - 128
Isopropylbenzene	ND	F1	21.2	14.3	F1	ug/Kg	☼	68	80 - 120
Methyl acetate	ND		42.4	59.4		ug/Kg	☼	140	58 - 143
Methylcyclohexane	ND		21.2	18.5		ug/Kg	☼	87	70 - 133
Methylene Chloride	ND		21.2	19.3		ug/Kg	☼	91	76 - 120
4-Methyl-2-pentanone (MIBK)	ND	F1	106	77.9	F1	ug/Kg	☼	74	80 - 122
Methyl tert-butyl ether	ND		21.2	20.4		ug/Kg	☼	96	80 - 125
m-Xylene & p-Xylene	ND	F1	21.2	13.7	F1	ug/Kg	☼	65	80 - 120
o-Xylene	ND	F1	21.2	15.0	F1	ug/Kg	☼	71	80 - 120
Styrene	ND	F1	21.2	11.7	F1	ug/Kg	☼	55	80 - 120
1,1,2,2-Tetrachloroethane	ND	F1	21.2	13.4	F1	ug/Kg	☼	63	66 - 123
Tetrachloroethene	ND	F1	21.2	14.1	F1	ug/Kg	☼	66	78 - 123
Toluene	ND	F1	21.2	14.8	F1	ug/Kg	☼	70	80 - 120
trans-1,2-Dichloroethene	ND		21.2	17.4		ug/Kg	☼	82	78 - 120
trans-1,3-Dichloropropene	ND	F1	21.2	12.4	F1	ug/Kg	☼	59	80 - 120
1,2,3-Trichlorobenzene	ND	F1	21.2	5.14	F1	ug/Kg	☼	24	44 - 120
1,2,4-Trichlorobenzene	ND	F1	21.2	5.26	F1	ug/Kg	☼	25	68 - 150
1,1,1-Trichloroethane	ND		21.2	20.9		ug/Kg	☼	98	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147901-19 MS **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879057 **Prep Batch: 878146**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	ND	F1	21.2	14.2	F1	ug/Kg	☼	67	80 - 120
Trichloroethene	ND	F1	21.2	17.2		ug/Kg	☼	81	79 - 120
Trichlorofluoromethane	ND		21.2	20.6		ug/Kg	☼	97	76 - 142
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		21.2	21.4		ug/Kg	☼	101	75 - 141
Vinyl chloride	ND		21.2	19.3		ug/Kg	☼	91	72 - 131
Xylenes, Total	ND	F1	42.4	28.7	F1	ug/Kg	☼	68	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*75 - 139*
Dibromofluoromethane (Surr)	*111*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*117*		*72 - 145*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 180-147901-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879057 **Prep Batch: 878146**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	F1	118	202	F1	ug/Kg	☼	171	63 - 131	13	30
Benzene	ND	F1	23.6	17.3	F1	ug/Kg	☼	73	80 - 123	4	30
Bromoform	ND	F1	23.6	12.6	F1	ug/Kg	☼	53	70 - 125	7	30
Bromomethane	ND		23.6	26.4		ug/Kg	☼	112	64 - 150	9	30
2-Butanone (MEK)	ND	F1	118	79.7	F1	ug/Kg	☼	68	75 - 120	7	30
Carbon disulfide	ND		23.6	19.5		ug/Kg	☼	83	76 - 120	7	30
Carbon tetrachloride	ND		23.6	21.7		ug/Kg	☼	92	77 - 121	6	30
Chlorobenzene	ND	F1	23.6	13.1	F1	ug/Kg	☼	55	80 - 120	4	30
Chlorobromomethane	ND		23.6	19.3		ug/Kg	☼	82	76 - 127	8	30
Chlorodibromomethane	ND	F1	23.6	14.5	F1	ug/Kg	☼	61	80 - 120	6	30
Chloroethane	ND		23.6	23.3		ug/Kg	☼	99	68 - 132	18	30
Chloroform	ND		23.6	21.3		ug/Kg	☼	90	79 - 126	8	30
Chloromethane	ND		23.6	20.9		ug/Kg	☼	89	63 - 130	16	30
cis-1,2-Dichloroethene	ND		23.6	18.8		ug/Kg	☼	80	80 - 123	3	30
cis-1,3-Dichloropropene	ND	F1	23.6	13.6	F1	ug/Kg	☼	58	80 - 120	5	30
Cyclohexane	ND		23.6	21.6		ug/Kg	☼	92	70 - 132	7	30
1,2-Dibromo-3-Chloropropane	ND	F1	23.6	11.0	F1	ug/Kg	☼	46	60 - 124	2	30
1,2-Dibromoethane	ND	F1	23.6	13.6	F1	ug/Kg	☼	57	79 - 120	5	30
1,2-Dichlorobenzene	ND	F1	23.6	9.64	F1	ug/Kg	☼	41	80 - 120	4	30
1,3-Dichlorobenzene	ND	F1	23.6	9.91	F1	ug/Kg	☼	42	80 - 120	8	30
1,4-Dichlorobenzene	ND	F1	23.6	9.22	F1	ug/Kg	☼	39	80 - 120	5	30
Dichlorobromomethane	ND		23.6	19.7		ug/Kg	☼	83	73 - 124	8	30
Dichlorodifluoromethane	ND		23.6	22.9		ug/Kg	☼	97	62 - 150	11	30
1,1-Dichloroethane	ND		23.6	21.9		ug/Kg	☼	93	77 - 129	9	30
1,2-Dichloroethane	ND		23.6	20.6		ug/Kg	☼	87	75 - 123	7	30
1,1-Dichloroethene	ND		23.6	20.8		ug/Kg	☼	88	70 - 132	7	30
1,2-Dichloroethene, Total	ND		47.2	37.9		ug/Kg	☼	80	79 - 125	6	30
1,2-Dichloropropane	ND		23.6	20.0		ug/Kg	☼	85	73 - 124	7	30
1,4-Dioxane	ND		472	494		ug/Kg	☼	105	80 - 136	5	30
Ethylbenzene	ND	F1	23.6	14.7	F1	ug/Kg	☼	62	76 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147901-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879057 **Prep Batch: 878146**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone	ND	F1	118	63.3	F1	ug/Kg	☼	54	70 - 128	4	30
Isopropylbenzene	ND	F1	23.6	14.8	F1	ug/Kg	☼	63	80 - 120	3	30
Methyl acetate	ND		47.2	60.2		ug/Kg	☼	127	58 - 143	1	30
Methylcyclohexane	ND		23.6	19.4		ug/Kg	☼	82	70 - 133	5	30
Methylene Chloride	ND		23.6	20.7		ug/Kg	☼	88	76 - 120	7	30
4-Methyl-2-pentanone (MIBK)	ND	F1	118	83.8	F1	ug/Kg	☼	71	80 - 122	7	30
Methyl tert-butyl ether	ND		23.6	22.4		ug/Kg	☼	95	80 - 125	10	30
m-Xylene & p-Xylene	ND	F1	23.6	14.6	F1	ug/Kg	☼	62	80 - 120	7	30
o-Xylene	ND	F1	23.6	14.8	F1	ug/Kg	☼	63	80 - 120	1	30
Styrene	ND	F1	23.6	11.4	F1	ug/Kg	☼	48	80 - 120	3	30
1,1,2,2-Tetrachloroethane	ND	F1	23.6	14.0	F1	ug/Kg	☼	59	66 - 123	5	30
Tetrachloroethene	ND	F1	23.6	14.7	F1	ug/Kg	☼	62	78 - 123	5	30
Toluene	ND	F1	23.6	15.7	F1	ug/Kg	☼	66	80 - 120	6	30
trans-1,2-Dichloroethene	ND		23.6	19.1		ug/Kg	☼	81	78 - 120	9	30
trans-1,3-Dichloropropene	ND	F1	23.6	13.4	F1	ug/Kg	☼	57	80 - 120	7	30
1,2,3-Trichlorobenzene	ND	F1	23.6	5.37	F1	ug/Kg	☼	23	44 - 120	4	30
1,2,4-Trichlorobenzene	ND	F1	23.6	5.64	F1	ug/Kg	☼	24	68 - 150	7	30
1,1,1-Trichloroethane	ND		23.6	22.3		ug/Kg	☼	94	78 - 120	7	30
1,1,2-Trichloroethane	ND	F1	23.6	15.8	F1	ug/Kg	☼	67	80 - 120	11	30
Trichloroethene	ND	F1	23.6	18.3	F1	ug/Kg	☼	78	79 - 120	7	30
Trichlorofluoromethane	ND		23.6	23.8		ug/Kg	☼	101	76 - 142	14	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		23.6	22.8		ug/Kg	☼	97	75 - 141	6	30
Vinyl chloride	ND		23.6	22.8		ug/Kg	☼	97	72 - 131	17	30
Xylenes, Total	ND	F1	47.2	29.5	F1	ug/Kg	☼	62	80 - 120	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*75 - 139*
Dibromofluoromethane (Surr)	*114*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*118*		*72 - 145*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 460-879057/8 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879057

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			11/20/22 19:41	1
Benzene	ND		1.0	0.26	ug/Kg			11/20/22 19:41	1
Bromoform	ND		1.0	0.43	ug/Kg			11/20/22 19:41	1
Bromomethane	ND		2.0	1.0	ug/Kg			11/20/22 19:41	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			11/20/22 19:41	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			11/20/22 19:41	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			11/20/22 19:41	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			11/20/22 19:41	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			11/20/22 19:41	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			11/20/22 19:41	1
Chloroethane	ND		1.0	0.52	ug/Kg			11/20/22 19:41	1
Chloroform	ND		1.0	0.97	ug/Kg			11/20/22 19:41	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-879057/8 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879057

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.44	ug/Kg			11/20/22 19:41	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			11/20/22 19:41	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/20/22 19:41	1
Cyclohexane	ND		1.0	0.22	ug/Kg			11/20/22 19:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			11/20/22 19:41	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			11/20/22 19:41	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			11/20/22 19:41	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			11/20/22 19:41	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			11/20/22 19:41	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			11/20/22 19:41	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			11/20/22 19:41	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			11/20/22 19:41	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			11/20/22 19:41	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			11/20/22 19:41	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			11/20/22 19:41	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			11/20/22 19:41	1
1,4-Dioxane	ND		100	9.2	ug/Kg			11/20/22 19:41	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			11/20/22 19:41	1
2-Hexanone	ND		5.0	1.7	ug/Kg			11/20/22 19:41	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			11/20/22 19:41	1
Methyl acetate	ND		5.0	4.3	ug/Kg			11/20/22 19:41	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			11/20/22 19:41	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			11/20/22 19:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			11/20/22 19:41	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			11/20/22 19:41	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			11/20/22 19:41	1
o-Xylene	ND		1.0	0.19	ug/Kg			11/20/22 19:41	1
Styrene	ND		1.0	0.28	ug/Kg			11/20/22 19:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			11/20/22 19:41	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			11/20/22 19:41	1
Toluene	ND		1.0	0.23	ug/Kg			11/20/22 19:41	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			11/20/22 19:41	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/20/22 19:41	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			11/20/22 19:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			11/20/22 19:41	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			11/20/22 19:41	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			11/20/22 19:41	1
Trichloroethene	ND		1.0	0.32	ug/Kg			11/20/22 19:41	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			11/20/22 19:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			11/20/22 19:41	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			11/20/22 19:41	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			11/20/22 19:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*75 - 139*		*11/20/22 19:41*	*1*
Dibromofluoromethane (Surr)	*116*		*73 - 139*		*11/20/22 19:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*72 - 145*		*11/20/22 19:41*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/20/22 19:41*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879057/4 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879057

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	108		ug/Kg		108	63 - 131
Benzene	20.0	20.2		ug/Kg		101	80 - 123
Bromoform	20.0	17.3		ug/Kg		87	70 - 125
Bromomethane	20.0	29.1		ug/Kg		146	64 - 150
2-Butanone (MEK)	100	91.9		ug/Kg		92	75 - 120
Carbon disulfide	20.0	22.8		ug/Kg		114	76 - 120
Carbon tetrachloride	20.0	22.2		ug/Kg		111	77 - 121
Chlorobenzene	20.0	19.3		ug/Kg		97	80 - 120
Chlorobromomethane	20.0	21.2		ug/Kg		106	76 - 127
Chlorodibromomethane	20.0	18.3		ug/Kg		92	80 - 120
Chloroethane	20.0	24.2		ug/Kg		121	68 - 132
Chloroform	20.0	22.5		ug/Kg		112	79 - 126
Chloromethane	20.0	22.2		ug/Kg		111	63 - 130
cis-1,2-Dichloroethene	20.0	22.1		ug/Kg		111	80 - 123
cis-1,3-Dichloropropene	20.0	19.1		ug/Kg		96	80 - 120
Cyclohexane	20.0	25.0		ug/Kg		125	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	17.9		ug/Kg		90	60 - 124
1,2-Dibromoethane	20.0	18.4		ug/Kg		92	79 - 120
1,2-Dichlorobenzene	20.0	18.6		ug/Kg		93	80 - 120
1,3-Dichlorobenzene	20.0	19.0		ug/Kg		95	80 - 120
1,4-Dichlorobenzene	20.0	18.2		ug/Kg		91	80 - 120
Dichlorobromomethane	20.0	21.9		ug/Kg		110	73 - 124
Dichlorodifluoromethane	20.0	21.0		ug/Kg		105	62 - 150
1,1-Dichloroethane	20.0	22.8		ug/Kg		114	77 - 129
1,2-Dichloroethane	20.0	23.2		ug/Kg		116	75 - 123
1,1-Dichloroethene	20.0	22.5		ug/Kg		113	70 - 132
1,2-Dichloroethene, Total	40.0	43.5		ug/Kg		109	79 - 125
1,2-Dichloropropane	20.0	23.0		ug/Kg		115	73 - 124
1,4-Dioxane	400	380		ug/Kg		95	80 - 136
Ethylbenzene	20.0	19.3		ug/Kg		96	76 - 120
2-Hexanone	100	103		ug/Kg		103	70 - 128
Isopropylbenzene	20.0	20.4		ug/Kg		102	80 - 120
Methyl acetate	40.0	40.6		ug/Kg		101	58 - 143
Methylcyclohexane	20.0	21.6		ug/Kg		108	70 - 133
Methylene Chloride	20.0	21.8		ug/Kg		109	76 - 120
4-Methyl-2-pentanone (MIBK)	100	101		ug/Kg		101	80 - 122
Methyl tert-butyl ether	20.0	22.0		ug/Kg		110	80 - 125
m-Xylene & p-Xylene	20.0	19.3		ug/Kg		97	80 - 120
o-Xylene	20.0	19.7		ug/Kg		98	80 - 120
Styrene	20.0	19.5		ug/Kg		97	80 - 120
1,1,2,2-Tetrachloroethane	20.0	18.9		ug/Kg		95	66 - 123
Tetrachloroethene	20.0	18.1		ug/Kg		90	78 - 123
Toluene	20.0	19.5		ug/Kg		97	80 - 120
trans-1,2-Dichloroethene	20.0	21.4		ug/Kg		107	78 - 120
trans-1,3-Dichloropropene	20.0	18.9		ug/Kg		94	80 - 120
1,2,3-Trichlorobenzene	20.0	16.8		ug/Kg		84	44 - 120
1,2,4-Trichlorobenzene	20.0	16.7		ug/Kg		83	68 - 150
1,1,1-Trichloroethane	20.0	23.4		ug/Kg		117	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879057/4 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879057

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane			20.0	18.9		ug/Kg		95	80 - 120		
Trichloroethene			20.0	22.6		ug/Kg		113	79 - 120		
Trichlorofluoromethane			20.0	22.9		ug/Kg		114	76 - 142		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	23.8		ug/Kg		119	75 - 141		
Vinyl chloride			20.0	22.3		ug/Kg		111	72 - 131		
Xylenes, Total			40.0	39.0		ug/Kg		98	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*75 - 139*
Dibromofluoromethane (Surr)	*112*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 145*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 460-879057/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879057

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	109		ug/Kg		109	63 - 131	1	30
Benzene			20.0	21.0		ug/Kg		105	80 - 123	4	30
Bromoform			20.0	18.1		ug/Kg		90	70 - 125	4	30
Bromomethane			20.0	28.2		ug/Kg		141	64 - 150	3	30
2-Butanone (MEK)			100	93.0		ug/Kg		93	75 - 120	1	30
Carbon disulfide			20.0	22.6		ug/Kg		113	76 - 120	1	30
Carbon tetrachloride			20.0	22.2		ug/Kg		111	77 - 121	0	30
Chlorobenzene			20.0	19.8		ug/Kg		99	80 - 120	2	30
Chlorobromomethane			20.0	21.2		ug/Kg		106	76 - 127	0	30
Chlorodibromomethane			20.0	19.3		ug/Kg		96	80 - 120	5	30
Chloroethane			20.0	22.8		ug/Kg		114	68 - 132	6	30
Chloroform			20.0	22.6		ug/Kg		113	79 - 126	1	30
Chloromethane			20.0	20.7		ug/Kg		103	63 - 130	7	30
cis-1,2-Dichloroethene			20.0	22.5		ug/Kg		113	80 - 123	2	30
cis-1,3-Dichloropropene			20.0	20.0		ug/Kg		100	80 - 120	4	30
Cyclohexane			20.0	22.9		ug/Kg		115	70 - 132	9	30
1,2-Dibromo-3-Chloropropane			20.0	18.3		ug/Kg		91	60 - 124	2	30
1,2-Dibromoethane			20.0	18.9		ug/Kg		95	79 - 120	3	30
1,2-Dichlorobenzene			20.0	19.6		ug/Kg		98	80 - 120	6	30
1,3-Dichlorobenzene			20.0	19.9		ug/Kg		99	80 - 120	4	30
1,4-Dichlorobenzene			20.0	19.2		ug/Kg		96	80 - 120	5	30
Dichlorobromomethane			20.0	22.3		ug/Kg		112	73 - 124	2	30
Dichlorodifluoromethane			20.0	18.9		ug/Kg		94	62 - 150	11	30
1,1-Dichloroethane			20.0	22.8		ug/Kg		114	77 - 129	0	30
1,2-Dichloroethane			20.0	22.6		ug/Kg		113	75 - 123	3	30
1,1-Dichloroethene			20.0	22.2		ug/Kg		111	70 - 132	2	30
1,2-Dichloroethene, Total			40.0	44.1		ug/Kg		110	79 - 125	1	30
1,2-Dichloropropane			20.0	23.4		ug/Kg		117	73 - 124	2	30
1,4-Dioxane			400	392		ug/Kg		98	80 - 136	3	30
Ethylbenzene			20.0	20.3		ug/Kg		102	76 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-879057/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879057

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			100	103		ug/Kg		103	70 - 128	0	30
Isopropylbenzene			20.0	19.9		ug/Kg		100	80 - 120	2	30
Methyl acetate			40.0	41.6		ug/Kg		104	58 - 143	3	30
Methylcyclohexane			20.0	22.2		ug/Kg		111	70 - 133	3	30
Methylene Chloride			20.0	21.6		ug/Kg		108	76 - 120	1	30
4-Methyl-2-pentanone (MIBK)			100	103		ug/Kg		103	80 - 122	2	30
Methyl tert-butyl ether			20.0	23.1		ug/Kg		115	80 - 125	5	30
m-Xylene & p-Xylene			20.0	20.3		ug/Kg		102	80 - 120	5	30
o-Xylene			20.0	20.7		ug/Kg		104	80 - 120	5	30
Styrene			20.0	19.9		ug/Kg		100	80 - 120	2	30
1,1,2,2-Tetrachloroethane			20.0	20.0		ug/Kg		100	66 - 123	5	30
Tetrachloroethene			20.0	19.0		ug/Kg		95	78 - 123	5	30
Toluene			20.0	19.8		ug/Kg		99	80 - 120	2	30
trans-1,2-Dichloroethene			20.0	21.6		ug/Kg		108	78 - 120	1	30
trans-1,3-Dichloropropene			20.0	20.0		ug/Kg		100	80 - 120	6	30
1,2,3-Trichlorobenzene			20.0	17.6		ug/Kg		88	44 - 120	5	30
1,2,4-Trichlorobenzene			20.0	17.7		ug/Kg		88	68 - 150	6	30
1,1,1-Trichloroethane			20.0	22.7		ug/Kg		114	78 - 120	3	30
1,1,2-Trichloroethane			20.0	19.7		ug/Kg		98	80 - 120	4	30
Trichloroethene			20.0	22.4		ug/Kg		112	79 - 120	1	30
Trichlorofluoromethane			20.0	20.8		ug/Kg		104	76 - 142	9	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.6		ug/Kg		113	75 - 141	5	30
Vinyl chloride			20.0	21.0		ug/Kg		105	72 - 131	6	30
Xylenes, Total			40.0	41.0		ug/Kg		103	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*75 - 139*
Dibromofluoromethane (Surr)	*110*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 145*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 460-879129/8 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879129

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			11/21/22 07:49	1
Benzene	ND		1.0	0.26	ug/Kg			11/21/22 07:49	1
Bromoform	ND		1.0	0.43	ug/Kg			11/21/22 07:49	1
Bromomethane	ND		2.0	1.0	ug/Kg			11/21/22 07:49	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			11/21/22 07:49	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			11/21/22 07:49	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			11/21/22 07:49	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			11/21/22 07:49	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			11/21/22 07:49	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			11/21/22 07:49	1
Chloroethane	ND		1.0	0.52	ug/Kg			11/21/22 07:49	1
Chloroform	ND		1.0	0.97	ug/Kg			11/21/22 07:49	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-879129/8 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879129

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.44	ug/Kg			11/21/22 07:49	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			11/21/22 07:49	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/21/22 07:49	1
Cyclohexane	ND		1.0	0.22	ug/Kg			11/21/22 07:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			11/21/22 07:49	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			11/21/22 07:49	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			11/21/22 07:49	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			11/21/22 07:49	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			11/21/22 07:49	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			11/21/22 07:49	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			11/21/22 07:49	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			11/21/22 07:49	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			11/21/22 07:49	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			11/21/22 07:49	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			11/21/22 07:49	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			11/21/22 07:49	1
1,4-Dioxane	ND		100	9.2	ug/Kg			11/21/22 07:49	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			11/21/22 07:49	1
2-Hexanone	ND		5.0	1.7	ug/Kg			11/21/22 07:49	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			11/21/22 07:49	1
Methyl acetate	ND		5.0	4.3	ug/Kg			11/21/22 07:49	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			11/21/22 07:49	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			11/21/22 07:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			11/21/22 07:49	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			11/21/22 07:49	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			11/21/22 07:49	1
o-Xylene	ND		1.0	0.19	ug/Kg			11/21/22 07:49	1
Styrene	ND		1.0	0.28	ug/Kg			11/21/22 07:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			11/21/22 07:49	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			11/21/22 07:49	1
Toluene	ND		1.0	0.23	ug/Kg			11/21/22 07:49	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			11/21/22 07:49	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/21/22 07:49	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			11/21/22 07:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			11/21/22 07:49	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			11/21/22 07:49	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			11/21/22 07:49	1
Trichloroethene	ND		1.0	0.32	ug/Kg			11/21/22 07:49	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			11/21/22 07:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			11/21/22 07:49	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			11/21/22 07:49	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			11/21/22 07:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*75 - 139*		*11/21/22 07:49*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 139*		*11/21/22 07:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*72 - 145*		*11/21/22 07:49*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/21/22 07:49*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879129/4 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879129

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	100		ug/Kg		100	63 - 131
Benzene	20.0	20.9		ug/Kg		104	80 - 123
Bromoform	20.0	17.1		ug/Kg		85	70 - 125
Bromomethane	20.0	16.3		ug/Kg		82	64 - 150
2-Butanone (MEK)	100	88.6		ug/Kg		89	75 - 120
Carbon disulfide	20.0	22.8		ug/Kg		114	76 - 120
Carbon tetrachloride	20.0	22.7		ug/Kg		114	77 - 121
Chlorobenzene	20.0	18.9		ug/Kg		94	80 - 120
Chlorobromomethane	20.0	20.6		ug/Kg		103	76 - 127
Chlorodibromomethane	20.0	18.0		ug/Kg		90	80 - 120
Chloroethane	20.0	21.0		ug/Kg		105	68 - 132
Chloroform	20.0	21.9		ug/Kg		109	79 - 126
Chloromethane	20.0	20.9		ug/Kg		105	63 - 130
cis-1,2-Dichloroethene	20.0	21.8		ug/Kg		109	80 - 123
cis-1,3-Dichloropropene	20.0	18.9		ug/Kg		95	80 - 120
Cyclohexane	20.0	23.1		ug/Kg		115	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	17.0		ug/Kg		85	60 - 124
1,2-Dibromoethane	20.0	18.0		ug/Kg		90	79 - 120
1,2-Dichlorobenzene	20.0	18.3		ug/Kg		92	80 - 120
1,3-Dichlorobenzene	20.0	19.0		ug/Kg		95	80 - 120
1,4-Dichlorobenzene	20.0	18.5		ug/Kg		93	80 - 120
Dichlorobromomethane	20.0	21.5		ug/Kg		108	73 - 124
Dichlorodifluoromethane	20.0	20.3		ug/Kg		101	62 - 150
1,1-Dichloroethane	20.0	22.5		ug/Kg		113	77 - 129
1,2-Dichloroethane	20.0	22.5		ug/Kg		112	75 - 123
1,1-Dichloroethene	20.0	22.0		ug/Kg		110	70 - 132
1,2-Dichloroethene, Total	40.0	43.1		ug/Kg		108	79 - 125
1,2-Dichloropropane	20.0	22.5		ug/Kg		113	73 - 124
1,4-Dioxane	400	347		ug/Kg		87	80 - 136
Ethylbenzene	20.0	19.7		ug/Kg		99	76 - 120
2-Hexanone	100	95.0		ug/Kg		95	70 - 128
Isopropylbenzene	20.0	19.5		ug/Kg		97	80 - 120
Methyl acetate	40.0	44.1		ug/Kg		110	58 - 143
Methylcyclohexane	20.0	24.1		ug/Kg		120	70 - 133
Methylene Chloride	20.0	21.0		ug/Kg		105	76 - 120
4-Methyl-2-pentanone (MIBK)	100	94.0		ug/Kg		94	80 - 122
Methyl tert-butyl ether	20.0	21.6		ug/Kg		108	80 - 125
m-Xylene & p-Xylene	20.0	19.4		ug/Kg		97	80 - 120
o-Xylene	20.0	19.9		ug/Kg		99	80 - 120
Styrene	20.0	20.0		ug/Kg		100	80 - 120
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/Kg		91	66 - 123
Tetrachloroethene	20.0	18.2		ug/Kg		91	78 - 123
Toluene	20.0	19.0		ug/Kg		95	80 - 120
trans-1,2-Dichloroethene	20.0	21.3		ug/Kg		107	78 - 120
trans-1,3-Dichloropropene	20.0	19.2		ug/Kg		96	80 - 120
1,2,3-Trichlorobenzene	20.0	17.5		ug/Kg		87	44 - 120
1,2,4-Trichlorobenzene	20.0	17.5		ug/Kg		87	68 - 150
1,1,1-Trichloroethane	20.0	22.7		ug/Kg		114	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879129/4 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879129

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane			20.0	18.3		ug/Kg		91	80 - 120		
Trichloroethene			20.0	22.9		ug/Kg		114	79 - 120		
Trichlorofluoromethane			20.0	20.4		ug/Kg		102	76 - 142		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.5		ug/Kg		113	75 - 141		
Vinyl chloride			20.0	21.2		ug/Kg		106	72 - 131		
Xylenes, Total			40.0	39.3		ug/Kg		98	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*75 - 139*
Dibromofluoromethane (Surr)	*108*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 145*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 460-879129/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879129

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	105		ug/Kg		105	63 - 131	4	30
Benzene			20.0	21.4		ug/Kg		107	80 - 123	2	30
Bromoform			20.0	17.5		ug/Kg		87	70 - 125	2	30
Bromomethane			20.0	15.8		ug/Kg		79	64 - 150	3	30
2-Butanone (MEK)			100	87.8		ug/Kg		88	75 - 120	1	30
Carbon disulfide			20.0	23.7		ug/Kg		119	76 - 120	4	30
Carbon tetrachloride			20.0	22.6		ug/Kg		113	77 - 121	1	30
Chlorobenzene			20.0	19.5		ug/Kg		97	80 - 120	3	30
Chlorobromomethane			20.0	20.6		ug/Kg		103	76 - 127	0	30
Chlorodibromomethane			20.0	19.0		ug/Kg		95	80 - 120	6	30
Chloroethane			20.0	18.9		ug/Kg		95	68 - 132	10	30
Chloroform			20.0	22.4		ug/Kg		112	79 - 126	2	30
Chloromethane			20.0	19.9		ug/Kg		100	63 - 130	5	30
cis-1,2-Dichloroethene			20.0	22.3		ug/Kg		112	80 - 123	2	30
cis-1,3-Dichloropropene			20.0	20.1		ug/Kg		101	80 - 120	6	30
Cyclohexane			20.0	24.1		ug/Kg		121	70 - 132	4	30
1,2-Dibromo-3-Chloropropane			20.0	18.0		ug/Kg		90	60 - 124	6	30
1,2-Dibromoethane			20.0	18.8		ug/Kg		94	79 - 120	4	30
1,2-Dichlorobenzene			20.0	18.2		ug/Kg		91	80 - 120	1	30
1,3-Dichlorobenzene			20.0	19.0		ug/Kg		95	80 - 120	0	30
1,4-Dichlorobenzene			20.0	18.7		ug/Kg		94	80 - 120	1	30
Dichlorobromomethane			20.0	21.9		ug/Kg		109	73 - 124	1	30
Dichlorodifluoromethane			20.0	18.1		ug/Kg		91	62 - 150	11	30
1,1-Dichloroethane			20.0	23.1		ug/Kg		116	77 - 129	3	30
1,2-Dichloroethane			20.0	22.8		ug/Kg		114	75 - 123	1	30
1,1-Dichloroethene			20.0	22.4		ug/Kg		112	70 - 132	2	30
1,2-Dichloroethene, Total			40.0	44.0		ug/Kg		110	79 - 125	2	30
1,2-Dichloropropane			20.0	25.6	*+	ug/Kg		128	73 - 124	13	30
1,4-Dioxane			400	364		ug/Kg		91	80 - 136	5	30
Ethylbenzene			20.0	20.4		ug/Kg		102	76 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-879129/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879129

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			100	94.5		ug/Kg		95	70 - 128	1	30
Isopropylbenzene			20.0	20.2		ug/Kg		101	80 - 120	4	30
Methyl acetate			40.0	44.6		ug/Kg		112	58 - 143	1	30
Methylcyclohexane			20.0	23.1		ug/Kg		116	70 - 133	4	30
Methylene Chloride			20.0	22.2		ug/Kg		111	76 - 120	6	30
4-Methyl-2-pentanone (MIBK)			100	95.0		ug/Kg		95	80 - 122	1	30
Methyl tert-butyl ether			20.0	23.1		ug/Kg		116	80 - 125	7	30
m-Xylene & p-Xylene			20.0	20.1		ug/Kg		101	80 - 120	4	30
o-Xylene			20.0	20.5		ug/Kg		103	80 - 120	3	30
Styrene			20.0	20.1		ug/Kg		100	80 - 120	0	30
1,1,2,2-Tetrachloroethane			20.0	19.5		ug/Kg		97	66 - 123	6	30
Tetrachloroethene			20.0	18.5		ug/Kg		93	78 - 123	2	30
Toluene			20.0	19.6		ug/Kg		98	80 - 120	3	30
trans-1,2-Dichloroethene			20.0	21.7		ug/Kg		109	78 - 120	2	30
trans-1,3-Dichloropropene			20.0	20.1		ug/Kg		100	80 - 120	4	30
1,2,3-Trichlorobenzene			20.0	17.4		ug/Kg		87	44 - 120	1	30
1,2,4-Trichlorobenzene			20.0	17.8		ug/Kg		89	68 - 150	2	30
1,1,1-Trichloroethane			20.0	22.9		ug/Kg		115	78 - 120	1	30
1,1,2-Trichloroethane			20.0	19.6		ug/Kg		98	80 - 120	7	30
Trichloroethene			20.0	22.6		ug/Kg		113	79 - 120	1	30
Trichlorofluoromethane			20.0	18.8		ug/Kg		94	76 - 142	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.8		ug/Kg		114	75 - 141	1	30
Vinyl chloride			20.0	19.8		ug/Kg		99	72 - 131	7	30
Xylenes, Total			40.0	40.6		ug/Kg		102	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*75 - 139*
Dibromofluoromethane (Surr)	*109*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*116*		*72 - 145*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 460-879239/7 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			11/22/22 06:47	1
Benzene	ND		1.0	0.26	ug/Kg			11/22/22 06:47	1
Bromoform	ND		1.0	0.43	ug/Kg			11/22/22 06:47	1
Bromomethane	ND		2.0	1.0	ug/Kg			11/22/22 06:47	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			11/22/22 06:47	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			11/22/22 06:47	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			11/22/22 06:47	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			11/22/22 06:47	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			11/22/22 06:47	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			11/22/22 06:47	1
Chloroethane	ND		1.0	0.52	ug/Kg			11/22/22 06:47	1
Chloroform	ND		1.0	0.97	ug/Kg			11/22/22 06:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-879239/7 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.44	ug/Kg			11/22/22 06:47	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			11/22/22 06:47	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/22/22 06:47	1
Cyclohexane	ND		1.0	0.22	ug/Kg			11/22/22 06:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			11/22/22 06:47	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			11/22/22 06:47	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			11/22/22 06:47	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			11/22/22 06:47	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			11/22/22 06:47	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			11/22/22 06:47	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			11/22/22 06:47	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			11/22/22 06:47	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			11/22/22 06:47	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			11/22/22 06:47	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			11/22/22 06:47	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			11/22/22 06:47	1
1,4-Dioxane	ND		100	9.2	ug/Kg			11/22/22 06:47	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			11/22/22 06:47	1
2-Hexanone	ND		5.0	1.7	ug/Kg			11/22/22 06:47	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			11/22/22 06:47	1
Methyl acetate	ND		5.0	4.3	ug/Kg			11/22/22 06:47	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			11/22/22 06:47	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			11/22/22 06:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			11/22/22 06:47	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			11/22/22 06:47	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			11/22/22 06:47	1
o-Xylene	ND		1.0	0.19	ug/Kg			11/22/22 06:47	1
Styrene	ND		1.0	0.28	ug/Kg			11/22/22 06:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			11/22/22 06:47	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			11/22/22 06:47	1
Toluene	ND		1.0	0.23	ug/Kg			11/22/22 06:47	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			11/22/22 06:47	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/22/22 06:47	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			11/22/22 06:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			11/22/22 06:47	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			11/22/22 06:47	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			11/22/22 06:47	1
Trichloroethene	ND		1.0	0.32	ug/Kg			11/22/22 06:47	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			11/22/22 06:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			11/22/22 06:47	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			11/22/22 06:47	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			11/22/22 06:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*		*11/22/22 06:47*	*1*
Dibromofluoromethane (Surr)	*102*		*73 - 139*		*11/22/22 06:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 145*		*11/22/22 06:47*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/22/22 06:47*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879239/3
Matrix: Solid
Analysis Batch: 879239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	108		ug/Kg		108	63 - 131
Benzene	20.0	22.1		ug/Kg		111	80 - 123
Bromoform	20.0	19.6		ug/Kg		98	70 - 125
Bromomethane	20.0	17.5		ug/Kg		88	64 - 150
2-Butanone (MEK)	100	96.2		ug/Kg		96	75 - 120
Carbon disulfide	20.0	21.2		ug/Kg		106	76 - 120
Carbon tetrachloride	20.0	21.5		ug/Kg		108	77 - 121
Chlorobenzene	20.0	20.7		ug/Kg		103	80 - 120
Chlorobromomethane	20.0	18.5		ug/Kg		92	76 - 127
Chlorodibromomethane	20.0	20.5		ug/Kg		102	80 - 120
Chloroethane	20.0	20.4		ug/Kg		102	68 - 132
Chloroform	20.0	20.8		ug/Kg		104	79 - 126
Chloromethane	20.0	20.5		ug/Kg		103	63 - 130
cis-1,2-Dichloroethene	20.0	19.9		ug/Kg		99	80 - 123
cis-1,3-Dichloropropene	20.0	21.8		ug/Kg		109	80 - 120
Cyclohexane	20.0	22.1		ug/Kg		111	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	20.8		ug/Kg		104	60 - 124
1,2-Dibromoethane	20.0	19.9		ug/Kg		99	79 - 120
1,2-Dichlorobenzene	20.0	21.5		ug/Kg		107	80 - 120
1,3-Dichlorobenzene	20.0	22.6		ug/Kg		113	80 - 120
1,4-Dichlorobenzene	20.0	21.9		ug/Kg		110	80 - 120
Dichlorobromomethane	20.0	20.4		ug/Kg		102	73 - 124
Dichlorodifluoromethane	20.0	20.1		ug/Kg		101	62 - 150
1,1-Dichloroethane	20.0	20.9		ug/Kg		105	77 - 129
1,2-Dichloroethane	20.0	20.8		ug/Kg		104	75 - 123
1,1-Dichloroethene	20.0	20.4		ug/Kg		102	70 - 132
1,2-Dichloroethene, Total	40.0	40.0		ug/Kg		100	79 - 125
1,2-Dichloropropane	20.0	20.5		ug/Kg		102	73 - 124
1,4-Dioxane	400	440		ug/Kg		110	80 - 136
Ethylbenzene	20.0	21.9		ug/Kg		110	76 - 120
2-Hexanone	100	102		ug/Kg		102	70 - 128
Isopropylbenzene	20.0	23.1		ug/Kg		115	80 - 120
Methyl acetate	40.0	35.7		ug/Kg		89	58 - 143
Methylcyclohexane	20.0	21.4		ug/Kg		107	70 - 133
Methylene Chloride	20.0	19.5		ug/Kg		97	76 - 120
4-Methyl-2-pentanone (MIBK)	100	100		ug/Kg		100	80 - 122
Methyl tert-butyl ether	20.0	20.8		ug/Kg		104	80 - 125
m-Xylene & p-Xylene	20.0	21.7		ug/Kg		109	80 - 120
o-Xylene	20.0	22.2		ug/Kg		111	80 - 120
Styrene	20.0	21.5		ug/Kg		108	80 - 120
1,1,2,2-Tetrachloroethane	20.0	22.0		ug/Kg		110	66 - 123
Tetrachloroethene	20.0	20.8		ug/Kg		104	78 - 123
Toluene	20.0	21.3		ug/Kg		106	80 - 120
trans-1,2-Dichloroethene	20.0	20.1		ug/Kg		101	78 - 120
trans-1,3-Dichloropropene	20.0	21.7		ug/Kg		108	80 - 120
1,2,3-Trichlorobenzene	20.0	20.1		ug/Kg		101	44 - 120
1,2,4-Trichlorobenzene	20.0	20.8		ug/Kg		104	68 - 150
1,1,1-Trichloroethane	20.0	22.0		ug/Kg		110	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879239/3 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879239

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane			20.0	20.9		ug/Kg		105	80 - 120		
Trichloroethene			20.0	20.9		ug/Kg		105	79 - 120		
Trichlorofluoromethane			20.0	21.9		ug/Kg		110	76 - 142		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.0		ug/Kg		110	75 - 141		
Vinyl chloride			20.0	21.5		ug/Kg		108	72 - 131		
Xylenes, Total			40.0	43.9		ug/Kg		110	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*75 - 139*
Dibromofluoromethane (Surr)	*94*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 460-879239/4 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879239

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	107		ug/Kg		107	63 - 131	1	30
Benzene			20.0	21.6		ug/Kg		108	80 - 123	2	30
Bromoform			20.0	18.8		ug/Kg		94	70 - 125	4	30
Bromomethane			20.0	16.6		ug/Kg		83	64 - 150	5	30
2-Butanone (MEK)			100	93.7		ug/Kg		94	75 - 120	3	30
Carbon disulfide			20.0	20.4		ug/Kg		102	76 - 120	4	30
Carbon tetrachloride			20.0	20.9		ug/Kg		105	77 - 121	3	30
Chlorobenzene			20.0	20.2		ug/Kg		101	80 - 120	2	30
Chlorobromomethane			20.0	18.4		ug/Kg		92	76 - 127	0	30
Chlorodibromomethane			20.0	20.1		ug/Kg		100	80 - 120	2	30
Chloroethane			20.0	20.0		ug/Kg		100	68 - 132	2	30
Chloroform			20.0	20.0		ug/Kg		100	79 - 126	4	30
Chloromethane			20.0	19.7		ug/Kg		99	63 - 130	4	30
cis-1,2-Dichloroethene			20.0	19.5		ug/Kg		97	80 - 123	2	30
cis-1,3-Dichloropropene			20.0	21.0		ug/Kg		105	80 - 120	4	30
Cyclohexane			20.0	21.4		ug/Kg		107	70 - 132	3	30
1,2-Dibromo-3-Chloropropane			20.0	19.7		ug/Kg		99	60 - 124	5	30
1,2-Dibromoethane			20.0	19.5		ug/Kg		97	79 - 120	2	30
1,2-Dichlorobenzene			20.0	20.1		ug/Kg		101	80 - 120	7	30
1,3-Dichlorobenzene			20.0	21.5		ug/Kg		107	80 - 120	5	30
1,4-Dichlorobenzene			20.0	20.5		ug/Kg		102	80 - 120	7	30
Dichlorobromomethane			20.0	20.0		ug/Kg		100	73 - 124	2	30
Dichlorodifluoromethane			20.0	20.0		ug/Kg		100	62 - 150	0	30
1,1-Dichloroethane			20.0	20.2		ug/Kg		101	77 - 129	3	30
1,2-Dichloroethane			20.0	20.4		ug/Kg		102	75 - 123	2	30
1,1-Dichloroethene			20.0	20.1		ug/Kg		101	70 - 132	1	30
1,2-Dichloroethene, Total			40.0	38.5		ug/Kg		96	79 - 125	4	30
1,2-Dichloropropane			20.0	20.8		ug/Kg		104	73 - 124	2	30
1,4-Dioxane			400	425		ug/Kg		106	80 - 136	3	30
Ethylbenzene			20.0	21.1		ug/Kg		106	76 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-879239/4 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879239

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			100	105		ug/Kg		105	70 - 128	2	30
Isopropylbenzene			20.0	21.9		ug/Kg		109	80 - 120	5	30
Methyl acetate			40.0	35.6		ug/Kg		89	58 - 143	0	30
Methylcyclohexane			20.0	20.3		ug/Kg		101	70 - 133	5	30
Methylene Chloride			20.0	19.0		ug/Kg		95	76 - 120	3	30
4-Methyl-2-pentanone (MIBK)			100	101		ug/Kg		101	80 - 122	1	30
Methyl tert-butyl ether			20.0	20.2		ug/Kg		101	80 - 125	3	30
m-Xylene & p-Xylene			20.0	20.8		ug/Kg		104	80 - 120	5	30
o-Xylene			20.0	21.1		ug/Kg		106	80 - 120	5	30
Styrene			20.0	20.6		ug/Kg		103	80 - 120	4	30
1,1,2,2-Tetrachloroethane			20.0	21.4		ug/Kg		107	66 - 123	3	30
Tetrachloroethene			20.0	19.7		ug/Kg		99	78 - 123	6	30
Toluene			20.0	20.5		ug/Kg		102	80 - 120	4	30
trans-1,2-Dichloroethene			20.0	19.0		ug/Kg		95	78 - 120	6	30
trans-1,3-Dichloropropene			20.0	21.1		ug/Kg		105	80 - 120	3	30
1,2,3-Trichlorobenzene			20.0	19.3		ug/Kg		96	44 - 120	4	30
1,2,4-Trichlorobenzene			20.0	19.9		ug/Kg		100	68 - 150	4	30
1,1,1-Trichloroethane			20.0	21.0		ug/Kg		105	78 - 120	5	30
1,1,2-Trichloroethane			20.0	20.2		ug/Kg		101	80 - 120	3	30
Trichloroethene			20.0	19.8		ug/Kg		99	79 - 120	5	30
Trichlorofluoromethane			20.0	21.2		ug/Kg		106	76 - 142	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	21.4		ug/Kg		107	75 - 141	3	30
Vinyl chloride			20.0	20.9		ug/Kg		104	72 - 131	3	30
Xylenes, Total			40.0	41.9		ug/Kg		105	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*75 - 139*
Dibromofluoromethane (Surr)	*94*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 145*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-878336/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878502 **Prep Batch: 878336**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		330	9.4	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Acenaphthylene	ND		330	9.5	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Acetophenone	ND		330	16	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Anthracene	ND		330	10	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Atrazine	ND		130	19	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Benzaldehyde	ND		330	55	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Benzo[a]anthracene	ND		33	12	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Benzo[a]pyrene	ND		33	8.8	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Benzo[b]fluoranthene	ND		33	8.6	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Benzo[g,h,i]perylene	ND		330	9.8	ug/Kg		11/16/22 20:53	11/17/22 13:56	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878336/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878502 **Prep Batch: 878336**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		33	6.5	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
1,1'-Biphenyl	ND		330	12	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Bis(2-chloroethoxy)methane	ND		330	26	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Bis(2-chloroethyl)ether	ND		33	12	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Bis(2-ethylhexyl) phthalate	ND		330	17	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
4-Bromophenyl phenyl ether	ND		330	13	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Butyl benzyl phthalate	ND		330	16	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Caprolactam	ND		330	51	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Carbazole	ND		330	13	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
4-Chloroaniline	ND		330	59	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
4-Chloro-3-methylphenol	ND		330	19	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2-Chloronaphthalene	ND		330	15	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2-Chlorophenol	ND		330	12	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
4-Chlorophenyl phenyl ether	ND		330	12	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Chrysene	ND		330	5.6	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Dibenz(a,h)anthracene	ND		33	14	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Dibenzofuran	ND		330	11	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
3,3'-Dichlorobenzidine	ND		130	50	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2,4-Dichlorophenol	ND		130	21	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Diethyl phthalate	ND		330	11	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2,4-Dimethylphenol	ND		330	39	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Dimethyl phthalate	ND		330	75	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Di-n-butyl phthalate	ND		330	12	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2,4-Dinitrophenol	ND		270	160	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2,4-Dinitrotoluene	ND		67	36	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2,6-Dinitrotoluene	ND		67	24	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Di-n-octyl phthalate	ND		330	18	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
1,4-Dioxane	ND		33	29	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Fluoranthene	ND		330	12	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Fluorene	ND		330	9.7	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Hexachlorobenzene	ND		33	16	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Hexachlorobutadiene	ND		67	7.0	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Hexachlorocyclopentadiene	ND		330	29	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Hexachloroethane	ND		33	11	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Indeno[1,2,3-cd]pyrene	ND		33	13	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Isophorone	ND		130	96	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2-Methylnaphthalene	ND		330	9.3	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2-Methylphenol	ND		330	12	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Methylphenol, 3 & 4	ND		330	21	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Naphthalene	ND		330	5.7	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2-Nitroaniline	ND		330	25	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
3-Nitroaniline	ND		330	79	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
4-Nitroaniline	ND		330	38	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Nitrobenzene	ND		33	18	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2-Nitrophenol	ND		330	33	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
4-Nitrophenol	ND		670	54	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
N-Nitrosodi-n-propylamine	ND		33	24	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
N-Nitrosodiphenylamine	ND		330	27	ug/Kg		11/16/22 20:53	11/17/22 13:56	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878336/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878502 **Prep Batch: 878336**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		330	6.0	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Pentachlorophenol	ND		270	68	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Phenanthrene	ND		330	5.8	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Phenol	ND		330	12	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
Pyrene	ND		330	8.2	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
1,2,4,5-Tetrachlorobenzene	ND		330	10	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2,3,4,6-Tetrachlorophenol	ND		330	22	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2,4,5-Trichlorophenol	ND		330	34	ug/Kg		11/16/22 20:53	11/17/22 13:56	1
2,4,6-Trichlorophenol	ND		130	42	ug/Kg		11/16/22 20:53	11/17/22 13:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*22 - 122*	*11/16/22 20:53*	*11/17/22 13:56*	*1*
2-Fluorophenol (Surr)	*79*		*18 - 123*	*11/16/22 20:53*	*11/17/22 13:56*	*1*
Nitrobenzene-d5 (Surr)	*83*		*16 - 125*	*11/16/22 20:53*	*11/17/22 13:56*	*1*
Phenol-d5 (Surr)	*79*		*23 - 120*	*11/16/22 20:53*	*11/17/22 13:56*	*1*
Terphenyl-d14 (Surr)	*90*		*25 - 126*	*11/16/22 20:53*	*11/17/22 13:56*	*1*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 123*	*11/16/22 20:53*	*11/17/22 13:56*	*1*

Lab Sample ID: LCS 460-878336/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878502 **Prep Batch: 878336**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3330	2990		ug/Kg		90	49 - 120
Acenaphthylene	3330	2910		ug/Kg		87	64 - 120
Acetophenone	3330	2600		ug/Kg		78	61 - 120
Anthracene	3330	2900		ug/Kg		87	67 - 120
Atrazine	1330	1720		ug/Kg		129	29 - 150
Benzaldehyde	1330	1390		ug/Kg		105	34 - 150
Benzo[a]anthracene	3330	2940		ug/Kg		88	62 - 120
Benzo[a]pyrene	3330	2800		ug/Kg		84	73 - 123
Benzo[b]fluoranthene	3330	2970		ug/Kg		89	70 - 125
Benzo[g,h,i]perylene	3330	2940		ug/Kg		88	66 - 120
Benzo[k]fluoranthene	3330	3100		ug/Kg		93	67 - 122
1,1'-Biphenyl	3330	2900		ug/Kg		87	59 - 120
Bis(2-chloroethoxy)methane	3330	2740		ug/Kg		82	62 - 120
Bis(2-chloroethyl)ether	3330	2610		ug/Kg		78	60 - 120
Bis(2-ethylhexyl) phthalate	3330	2970		ug/Kg		89	59 - 125
4-Bromophenyl phenyl ether	3330	2830		ug/Kg		85	67 - 120
Butyl benzyl phthalate	3330	2980		ug/Kg		89	62 - 127
Caprolactam	1330	1390		ug/Kg		104	36 - 150
Carbazole	3330	2910		ug/Kg		87	64 - 120
4-Chloroaniline	3330	2630		ug/Kg		79	15 - 128
4-Chloro-3-methylphenol	3330	2800		ug/Kg		84	66 - 120
2-Chloronaphthalene	3330	2970		ug/Kg		89	60 - 120
2-Chlorophenol	3330	2590		ug/Kg		78	63 - 120
4-Chlorophenyl phenyl ether	3330	2960		ug/Kg		89	62 - 120
Chrysene	3330	2750		ug/Kg		82	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878336/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878502 **Prep Batch: 878336**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	3330	3180		ug/Kg		95	66 - 128
Dibenzofuran	3330	3000		ug/Kg		90	61 - 120
3,3'-Dichlorobenzidine	3330	2790		ug/Kg		84	13 - 136
2,4-Dichlorophenol	3330	2800		ug/Kg		84	66 - 120
Diethyl phthalate	3330	3000		ug/Kg		90	63 - 120
2,4-Dimethylphenol	3330	2720		ug/Kg		82	67 - 120
Dimethyl phthalate	3330	3010		ug/Kg		90	65 - 120
Di-n-butyl phthalate	3330	2940		ug/Kg		88	66 - 120
4,6-Dinitro-2-methylphenol	6670	5990		ug/Kg		90	50 - 136
2,4-Dinitrophenol	6670	6020		ug/Kg		90	36 - 129
2,4-Dinitrotoluene	3330	3080		ug/Kg		93	65 - 124
2,6-Dinitrotoluene	3330	3110		ug/Kg		93	67 - 121
Di-n-octyl phthalate	3330	3050		ug/Kg		91	65 - 133
1,4-Dioxane	3330	2430		ug/Kg		73	21 - 120
Fluoranthene	3330	2890		ug/Kg		87	61 - 120
Fluorene	3330	3000		ug/Kg		90	60 - 120
Hexachlorobenzene	3330	2820		ug/Kg		85	66 - 120
Hexachlorobutadiene	3330	2620		ug/Kg		79	62 - 120
Hexachlorocyclopentadiene	3330	2730		ug/Kg		82	38 - 120
Hexachloroethane	3330	2540		ug/Kg		76	61 - 120
Indeno[1,2,3-cd]pyrene	3330	3340		ug/Kg		100	62 - 130
Isophorone	3330	2710		ug/Kg		81	67 - 120
2-Methylnaphthalene	3330	2660		ug/Kg		80	64 - 120
2-Methylphenol	3330	2610		ug/Kg		78	63 - 120
Methylphenol, 3 & 4	3330	2670		ug/Kg		80	61 - 120
Naphthalene	3330	2750		ug/Kg		83	63 - 120
2-Nitroaniline	3330	3030		ug/Kg		91	48 - 120
3-Nitroaniline	3330	3140		ug/Kg		94	39 - 122
4-Nitroaniline	3330	3140		ug/Kg		94	55 - 120
Nitrobenzene	3330	2770		ug/Kg		83	63 - 120
2-Nitrophenol	3330	2700		ug/Kg		81	64 - 120
4-Nitrophenol	6670	6230		ug/Kg		93	52 - 123
N-Nitrosodi-n-propylamine	3330	2690		ug/Kg		81	61 - 120
N-Nitrosodiphenylamine	3330	2910		ug/Kg		87	63 - 120
2,2'-oxybis[1-chloropropane]	3330	2640		ug/Kg		79	49 - 126
Pentachlorophenol	6670	6310		ug/Kg		95	37 - 126
Phenanthrene	3330	2850		ug/Kg		85	66 - 120
Phenol	3330	2580		ug/Kg		78	63 - 120
Pyrene	3330	3010		ug/Kg		90	61 - 121
1,2,4,5-Tetrachlorobenzene	3330	2950		ug/Kg		89	60 - 120
2,3,4,6-Tetrachlorophenol	3330	3120		ug/Kg		94	54 - 120
2,4,5-Trichlorophenol	3330	3080		ug/Kg		92	59 - 120
2,4,6-Trichlorophenol	3330	3010		ug/Kg		90	58 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*89*		*22 - 122*
2-Fluorophenol (Surr)	*79*		*18 - 123*
Nitrobenzene-d5 (Surr)	*86*		*16 - 125*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878336/2-A
Matrix: Solid
Analysis Batch: 878502

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878336

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Phenol-d5 (Surr)	*80*		*23 - 120*
Terphenyl-d14 (Surr)	*92*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 123*

Lab Sample ID: LCSD 460-878336/3-A
Matrix: Solid
Analysis Batch: 878502

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 878336

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			3330	3180		ug/Kg		95	49 - 120	6	30
Acenaphthylene			3330	3100		ug/Kg		93	64 - 120	6	30
Acetophenone			3330	2790		ug/Kg		84	61 - 120	7	30
Anthracene			3330	3110		ug/Kg		93	67 - 120	7	30
Atrazine			1330	1720		ug/Kg		129	29 - 150	0	30
Benzaldehyde			1330	1420		ug/Kg		107	34 - 150	2	30
Benzo[a]anthracene			3330	3240		ug/Kg		97	62 - 120	10	30
Benzo[a]pyrene			3330	2960		ug/Kg		89	73 - 123	6	30
Benzo[b]fluoranthene			3330	3190		ug/Kg		96	70 - 125	7	30
Benzo[g,h,i]perylene			3330	3120		ug/Kg		94	66 - 120	6	30
Benzo[k]fluoranthene			3330	3280		ug/Kg		98	67 - 122	5	30
1,1'-Biphenyl			3330	3150		ug/Kg		94	59 - 120	8	30
Bis(2-chloroethoxy)methane			3330	2980		ug/Kg		89	62 - 120	9	30
Bis(2-chloroethyl)ether			3330	2820		ug/Kg		85	60 - 120	8	30
Bis(2-ethylhexyl) phthalate			3330	3270		ug/Kg		98	59 - 125	10	30
4-Bromophenyl phenyl ether			3330	3070		ug/Kg		92	67 - 120	8	30
Butyl benzyl phthalate			3330	3300		ug/Kg		99	62 - 127	10	30
Caprolactam			1330	1420		ug/Kg		106	36 - 150	2	30
Carbazole			3330	3090		ug/Kg		93	64 - 120	6	30
4-Chloroaniline			3330	2870		ug/Kg		86	15 - 128	9	30
4-Chloro-3-methylphenol			3330	3060		ug/Kg		92	66 - 120	9	30
2-Chloronaphthalene			3330	3170		ug/Kg		95	60 - 120	7	30
2-Chlorophenol			3330	2840		ug/Kg		85	63 - 120	9	30
4-Chlorophenyl phenyl ether			3330	3190		ug/Kg		96	62 - 120	8	30
Chrysene			3330	2990		ug/Kg		90	63 - 120	8	30
Dibenz(a,h)anthracene			3330	3380		ug/Kg		101	66 - 128	6	30
Dibenzofuran			3330	3210		ug/Kg		96	61 - 120	7	30
3,3'-Dichlorobenzidine			3330	3110		ug/Kg		93	13 - 136	11	30
2,4-Dichlorophenol			3330	3090		ug/Kg		93	66 - 120	10	30
Diethyl phthalate			3330	3220		ug/Kg		97	63 - 120	7	30
2,4-Dimethylphenol			3330	2980		ug/Kg		89	67 - 120	9	30
Dimethyl phthalate			3330	3180		ug/Kg		95	65 - 120	6	30
Di-n-butyl phthalate			3330	3180		ug/Kg		95	66 - 120	8	30
4,6-Dinitro-2-methylphenol			6670	6680		ug/Kg		100	50 - 136	11	30
2,4-Dinitrophenol			6670	6600		ug/Kg		99	36 - 129	9	30
2,4-Dinitrotoluene			3330	3350		ug/Kg		101	65 - 124	8	30
2,6-Dinitrotoluene			3330	3370		ug/Kg		101	67 - 121	8	30
Di-n-octyl phthalate			3330	3270		ug/Kg		98	65 - 133	7	30
1,4-Dioxane			3330	2610		ug/Kg		78	21 - 120	7	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-878336/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878502 **Prep Batch: 878336**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoranthene			3330	3120		ug/Kg		94	61 - 120	8	30
Fluorene			3330	3200		ug/Kg		96	60 - 120	6	30
Hexachlorobenzene			3330	3060		ug/Kg		92	66 - 120	8	30
Hexachlorobutadiene			3330	2900		ug/Kg		87	62 - 120	10	30
Hexachlorocyclopentadiene			3330	2950		ug/Kg		88	38 - 120	8	30
Hexachloroethane			3330	2770		ug/Kg		83	61 - 120	9	30
Indeno[1,2,3-cd]pyrene			3330	3390		ug/Kg		102	62 - 130	1	30
Isophorone			3330	2960		ug/Kg		89	67 - 120	9	30
2-Methylnaphthalene			3330	2890		ug/Kg		87	64 - 120	8	30
2-Methylphenol			3330	2820		ug/Kg		85	63 - 120	8	30
Methylphenol, 3 & 4			3330	2890		ug/Kg		87	61 - 120	8	30
Naphthalene			3330	2980		ug/Kg		90	63 - 120	8	30
2-Nitroaniline			3330	3330		ug/Kg		100	48 - 120	9	30
3-Nitroaniline			3330	3400		ug/Kg		102	39 - 122	8	30
4-Nitroaniline			3330	3330		ug/Kg		100	55 - 120	6	30
Nitrobenzene			3330	3030		ug/Kg		91	63 - 120	9	30
2-Nitrophenol			3330	3150		ug/Kg		95	64 - 120	16	30
4-Nitrophenol			6670	6840		ug/Kg		103	52 - 123	9	30
N-Nitrosodi-n-propylamine			3330	2880		ug/Kg		86	61 - 120	7	30
N-Nitrosodiphenylamine			3330	3150		ug/Kg		95	63 - 120	8	30
2,2'-oxybis[1-chloropropane]			3330	2860		ug/Kg		86	49 - 126	8	30
Pentachlorophenol			6670	7000		ug/Kg		105	37 - 126	10	30
Phenanthrene			3330	3090		ug/Kg		93	66 - 120	8	30
Phenol			3330	2790		ug/Kg		84	63 - 120	8	30
Pyrene			3330	3260		ug/Kg		98	61 - 121	8	30
1,2,4,5-Tetrachlorobenzene			3330	3170		ug/Kg		95	60 - 120	7	30
2,3,4,6-Tetrachlorophenol			3330	3390		ug/Kg		102	54 - 120	8	30
2,4,5-Trichlorophenol			3330	3330		ug/Kg		100	59 - 120	8	30
2,4,6-Trichlorophenol			3330	3330		ug/Kg		100	58 - 120	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*93*		*22 - 122*
2-Fluorophenol (Surr)	*85*		*18 - 123*
Nitrobenzene-d5 (Surr)	*93*		*16 - 125*
Phenol-d5 (Surr)	*84*		*23 - 120*
Terphenyl-d14 (Surr)	*97*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*105*		*10 - 123*

Lab Sample ID: MB 460-878616/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		330	9.4	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Acenaphthylene	ND		330	9.5	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Acetophenone	ND		330	16	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Anthracene	ND		330	10	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Atrazine	ND		130	19	ug/Kg		11/17/22 22:34	11/18/22 13:02	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878616/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		330	55	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Benzo[a]anthracene	ND		33	12	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Benzo[a]pyrene	ND		33	8.8	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Benzo[b]fluoranthene	ND		33	8.6	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Benzo[g,h,i]perylene	ND		330	9.8	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Benzo[k]fluoranthene	ND		33	6.5	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
1,1'-Biphenyl	ND		330	12	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Bis(2-chloroethoxy)methane	ND		330	26	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Bis(2-chloroethyl)ether	ND		33	12	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Bis(2-ethylhexyl) phthalate	ND		330	17	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
4-Bromophenyl phenyl ether	ND		330	13	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Butyl benzyl phthalate	ND		330	16	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Caprolactam	ND		330	51	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Carbazole	ND		330	13	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
4-Chloroaniline	ND		330	59	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
4-Chloro-3-methylphenol	ND		330	19	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2-Chloronaphthalene	ND		330	15	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2-Chlorophenol	ND		330	12	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
4-Chlorophenyl phenyl ether	ND		330	12	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Chrysene	ND		330	5.6	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Dibenz(a,h)anthracene	ND		33	14	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Dibenzofuran	ND		330	11	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
3,3'-Dichlorobenzidine	ND		130	50	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2,4-Dichlorophenol	ND		130	21	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Diethyl phthalate	ND		330	11	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2,4-Dimethylphenol	ND		330	39	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Dimethyl phthalate	ND		330	75	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Di-n-butyl phthalate	ND		330	12	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2,4-Dinitrophenol	ND		270	160	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2,4-Dinitrotoluene	ND		67	36	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2,6-Dinitrotoluene	ND		67	24	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Di-n-octyl phthalate	ND		330	18	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
1,4-Dioxane	ND		33	29	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Fluoranthene	ND		330	12	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Fluorene	ND		330	9.7	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Hexachlorobenzene	ND		33	16	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Hexachlorobutadiene	ND		67	7.0	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Hexachlorocyclopentadiene	ND		330	29	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Hexachloroethane	ND		33	11	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Indeno[1,2,3-cd]pyrene	ND		33	13	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Isophorone	ND		130	96	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2-Methylnaphthalene	ND		330	9.3	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2-Methylphenol	ND		330	12	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Methylphenol, 3 & 4	ND		330	21	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Naphthalene	ND		330	5.7	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2-Nitroaniline	ND		330	25	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
3-Nitroaniline	ND		330	79	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
4-Nitroaniline	ND		330	38	ug/Kg		11/17/22 22:34	11/18/22 13:02	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878616/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		33	18	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2-Nitrophenol	ND		330	33	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
4-Nitrophenol	ND		670	54	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
N-Nitrosodi-n-propylamine	ND		33	24	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
N-Nitrosodiphenylamine	ND		330	27	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2,2'-oxybis[1-chloropropane]	ND		330	6.0	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Pentachlorophenol	ND		270	68	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Phenanthrene	ND		330	5.8	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Phenol	ND		330	12	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
Pyrene	ND		330	8.2	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
1,2,4,5-Tetrachlorobenzene	ND		330	10	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2,3,4,6-Tetrachlorophenol	ND		330	22	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2,4,5-Trichlorophenol	ND		330	34	ug/Kg		11/17/22 22:34	11/18/22 13:02	1
2,4,6-Trichlorophenol	ND		130	42	ug/Kg		11/17/22 22:34	11/18/22 13:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*22 - 122*	*11/17/22 22:34*	*11/18/22 13:02*	*1*
2-Fluorophenol (Surr)	*71*		*18 - 123*	*11/17/22 22:34*	*11/18/22 13:02*	*1*
Nitrobenzene-d5 (Surr)	*84*		*16 - 125*	*11/17/22 22:34*	*11/18/22 13:02*	*1*
Phenol-d5 (Surr)	*85*		*23 - 120*	*11/17/22 22:34*	*11/18/22 13:02*	*1*
Terphenyl-d14 (Surr)	*114*		*25 - 126*	*11/17/22 22:34*	*11/18/22 13:02*	*1*
2,4,6-Tribromophenol (Surr)	*122*		*10 - 123*	*11/17/22 22:34*	*11/18/22 13:02*	*1*

Lab Sample ID: LCS 460-878616/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3330	2680		ug/Kg		80	49 - 120
Acenaphthylene	3330	2860		ug/Kg		86	64 - 120
Acetophenone	3330	2550		ug/Kg		76	61 - 120
Anthracene	3330	3090		ug/Kg		93	67 - 120
Atrazine	1330	1970		ug/Kg		148	29 - 150
Benzaldehyde	1330	1300		ug/Kg		97	34 - 150
Benzo[a]anthracene	3330	3250		ug/Kg		97	62 - 120
Benzo[a]pyrene	3330	3210		ug/Kg		96	73 - 123
Benzo[b]fluoranthene	3330	3590		ug/Kg		108	70 - 125
Benzo[g,h,i]perylene	3330	3240		ug/Kg		97	66 - 120
Benzo[k]fluoranthene	3330	3400		ug/Kg		102	67 - 122
1,1'-Biphenyl	3330	3050		ug/Kg		91	59 - 120
Bis(2-chloroethoxy)methane	3330	2760		ug/Kg		83	62 - 120
Bis(2-chloroethyl)ether	3330	2640		ug/Kg		79	60 - 120
Bis(2-ethylhexyl) phthalate	3330	3140		ug/Kg		94	59 - 125
4-Bromophenyl phenyl ether	3330	3140		ug/Kg		94	67 - 120
Butyl benzyl phthalate	3330	3300		ug/Kg		99	62 - 127
Caprolactam	1330	1790		ug/Kg		134	36 - 150
Carbazole	3330	3080		ug/Kg		93	64 - 120
4-Chloroaniline	3330	2810		ug/Kg		84	15 - 128

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878616/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloro-3-methylphenol	3330	2930		ug/Kg		88	66 - 120
2-Chloronaphthalene	3330	3110		ug/Kg		93	60 - 120
2-Chlorophenol	3330	2700		ug/Kg		81	63 - 120
4-Chlorophenyl phenyl ether	3330	3140		ug/Kg		94	62 - 120
Chrysene	3330	2970		ug/Kg		89	63 - 120
Dibenz(a,h)anthracene	3330	3290		ug/Kg		99	66 - 128
Dibenzofuran	3330	3100		ug/Kg		93	61 - 120
3,3'-Dichlorobenzidine	3330	3540		ug/Kg		106	13 - 136
2,4-Dichlorophenol	3330	3060		ug/Kg		92	66 - 120
Diethyl phthalate	3330	3170		ug/Kg		95	63 - 120
2,4-Dimethylphenol	3330	2580		ug/Kg		78	67 - 120
Dimethyl phthalate	3330	3210		ug/Kg		96	65 - 120
Di-n-butyl phthalate	3330	3100		ug/Kg		93	66 - 120
4,6-Dinitro-2-methylphenol	6670	6880		ug/Kg		103	50 - 136
2,4-Dinitrophenol	6670	7730		ug/Kg		116	36 - 129
2,4-Dinitrotoluene	3330	3400		ug/Kg		102	65 - 124
2,6-Dinitrotoluene	3330	3530		ug/Kg		106	67 - 121
Di-n-octyl phthalate	3330	3440		ug/Kg		103	65 - 133
1,4-Dioxane	3330	2310		ug/Kg		69	21 - 120
Fluoranthene	3330	3160		ug/Kg		95	61 - 120
Fluorene	3330	3070		ug/Kg		92	60 - 120
Hexachlorobenzene	3330	3150		ug/Kg		95	66 - 120
Hexachlorobutadiene	3330	3010		ug/Kg		90	62 - 120
Hexachlorocyclopentadiene	3330	1940		ug/Kg		58	38 - 120
Hexachloroethane	3330	2700		ug/Kg		81	61 - 120
Indeno[1,2,3-cd]pyrene	3330	4780	*+	ug/Kg		143	62 - 130
Isophorone	3330	2740		ug/Kg		82	67 - 120
2-Methylnaphthalene	3330	2680		ug/Kg		80	64 - 120
2-Methylphenol	3330	2750		ug/Kg		83	63 - 120
Methylphenol, 3 & 4	3330	2390		ug/Kg		72	61 - 120
Naphthalene	3330	2750		ug/Kg		82	63 - 120
2-Nitroaniline	3330	2350		ug/Kg		71	48 - 120
3-Nitroaniline	3330	3200		ug/Kg		96	39 - 122
4-Nitroaniline	3330	3120		ug/Kg		94	55 - 120
Nitrobenzene	3330	2550		ug/Kg		76	63 - 120
2-Nitrophenol	3330	3410		ug/Kg		102	64 - 120
4-Nitrophenol	6670	4860		ug/Kg		73	52 - 123
N-Nitrosodi-n-propylamine	3330	2720		ug/Kg		82	61 - 120
N-Nitrosodiphenylamine	3330	3050		ug/Kg		92	63 - 120
2,2'-oxybis[1-chloropropane]	3330	2590		ug/Kg		78	49 - 126
Pentachlorophenol	6670	4830		ug/Kg		72	37 - 126
Phenanthrene	3330	3000		ug/Kg		90	66 - 120
Phenol	3330	2870		ug/Kg		86	63 - 120
Pyrene	3330	3140		ug/Kg		94	61 - 121
1,2,4,5-Tetrachlorobenzene	3330	3160		ug/Kg		95	60 - 120
2,3,4,6-Tetrachlorophenol	3330	3240		ug/Kg		97	54 - 120
2,4,5-Trichlorophenol	3330	3130		ug/Kg		94	59 - 120
2,4,6-Trichlorophenol	3330	3240		ug/Kg		97	58 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878616/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	88		22 - 122
2-Fluorophenol (Surr)	74		18 - 123
Nitrobenzene-d5 (Surr)	80		16 - 125
Phenol-d5 (Surr)	79		23 - 120
Terphenyl-d14 (Surr)	100		25 - 126
2,4,6-Tribromophenol (Surr)	114		10 - 123

Lab Sample ID: LCSD 460-878616/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			3330	2990		ug/Kg		90	49 - 120	11	30
Acenaphthylene			3330	3220		ug/Kg		97	64 - 120	12	30
Acetophenone			3330	2800		ug/Kg		84	61 - 120	10	30
Anthracene			3330	3400		ug/Kg		102	67 - 120	10	30
Atrazine			1330	2120	*+	ug/Kg		159	29 - 150	7	30
Benzaldehyde			1330	1400		ug/Kg		105	34 - 150	7	30
Benzo[a]anthracene			3330	3600		ug/Kg		108	62 - 120	10	30
Benzo[a]pyrene			3330	3500		ug/Kg		105	73 - 123	9	30
Benzo[b]fluoranthene			3330	3960		ug/Kg		119	70 - 125	10	30
Benzo[g,h,i]perylene			3330	3580		ug/Kg		107	66 - 120	10	30
Benzo[k]fluoranthene			3330	3850		ug/Kg		115	67 - 122	12	30
1,1'-Biphenyl			3330	3420		ug/Kg		103	59 - 120	11	30
Bis(2-chloroethoxy)methane			3330	3030		ug/Kg		91	62 - 120	9	30
Bis(2-chloroethyl)ether			3330	3010		ug/Kg		90	60 - 120	13	30
Bis(2-ethylhexyl) phthalate			3330	3450		ug/Kg		103	59 - 125	9	30
4-Bromophenyl phenyl ether			3330	3500		ug/Kg		105	67 - 120	11	30
Butyl benzyl phthalate			3330	3570		ug/Kg		107	62 - 127	8	30
Caprolactam			1330	1900		ug/Kg		142	36 - 150	6	30
Carbazole			3330	3400		ug/Kg		102	64 - 120	10	30
4-Chloroaniline			3330	3140		ug/Kg		94	15 - 128	11	30
4-Chloro-3-methylphenol			3330	3270		ug/Kg		98	66 - 120	11	30
2-Chloronaphthalene			3330	3440		ug/Kg		103	60 - 120	10	30
2-Chlorophenol			3330	3040		ug/Kg		91	63 - 120	12	30
4-Chlorophenyl phenyl ether			3330	3560		ug/Kg		107	62 - 120	13	30
Chrysene			3330	3280		ug/Kg		98	63 - 120	10	30
Dibenz(a,h)anthracene			3330	3690		ug/Kg		111	66 - 128	11	30
Dibenzofuran			3330	3440		ug/Kg		103	61 - 120	10	30
3,3'-Dichlorobenzidine			3330	3940		ug/Kg		118	13 - 136	10	30
2,4-Dichlorophenol			3330	3380		ug/Kg		101	66 - 120	10	30
Diethyl phthalate			3330	3520		ug/Kg		106	63 - 120	10	30
2,4-Dimethylphenol			3330	2920		ug/Kg		88	67 - 120	12	30
Dimethyl phthalate			3330	3530		ug/Kg		106	65 - 120	9	30
Di-n-butyl phthalate			3330	3430		ug/Kg		103	66 - 120	10	30
4,6-Dinitro-2-methylphenol			6670	7660		ug/Kg		115	50 - 136	11	30
2,4-Dinitrophenol			6670	8790	*+	ug/Kg		132	36 - 129	13	30
2,4-Dinitrotoluene			3330	3770		ug/Kg		113	65 - 124	10	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-878616/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,6-Dinitrotoluene			3330	3990		ug/Kg		120	67 - 121	12	30
Di-n-octyl phthalate			3330	3780		ug/Kg		113	65 - 133	9	30
1,4-Dioxane			3330	2590		ug/Kg		78	21 - 120	12	30
Fluoranthene			3330	3560		ug/Kg		107	61 - 120	12	30
Fluorene			3330	3470		ug/Kg		104	60 - 120	12	30
Hexachlorobenzene			3330	3480		ug/Kg		105	66 - 120	10	30
Hexachlorobutadiene			3330	3310		ug/Kg		99	62 - 120	9	30
Hexachlorocyclopentadiene			3330	2270		ug/Kg		68	38 - 120	16	30
Hexachloroethane			3330	2950		ug/Kg		89	61 - 120	9	30
Indeno[1,2,3-cd]pyrene			3330	5300	*+	ug/Kg		159	62 - 130	10	30
Isophorone			3330	3050		ug/Kg		92	67 - 120	11	30
2-Methylnaphthalene			3330	2950		ug/Kg		89	64 - 120	10	30
2-Methylphenol			3330	3020		ug/Kg		91	63 - 120	9	30
Methylphenol, 3 & 4			3330	2650		ug/Kg		80	61 - 120	10	30
Naphthalene			3330	3080		ug/Kg		92	63 - 120	11	30
2-Nitroaniline			3330	2690		ug/Kg		81	48 - 120	13	30
3-Nitroaniline			3330	3570		ug/Kg		107	39 - 122	11	30
4-Nitroaniline			3330	3500		ug/Kg		105	55 - 120	11	30
Nitrobenzene			3330	2850		ug/Kg		85	63 - 120	11	30
2-Nitrophenol			3330	3810		ug/Kg		114	64 - 120	11	30
4-Nitrophenol			6670	5670		ug/Kg		85	52 - 123	15	30
N-Nitrosodi-n-propylamine			3330	3010		ug/Kg		90	61 - 120	10	30
N-Nitrosodiphenylamine			3330	3360		ug/Kg		101	63 - 120	10	30
2,2'-oxybis[1-chloropropane]			3330	2850		ug/Kg		86	49 - 126	10	30
Pentachlorophenol			6670	5410		ug/Kg		81	37 - 126	11	30
Phenanthrene			3330	3310		ug/Kg		99	66 - 120	10	30
Phenol			3330	3180		ug/Kg		95	63 - 120	10	30
Pyrene			3330	3450		ug/Kg		104	61 - 121	9	30
1,2,4,5-Tetrachlorobenzene			3330	3530		ug/Kg		106	60 - 120	11	30
2,3,4,6-Tetrachlorophenol			3330	3730		ug/Kg		112	54 - 120	14	30
2,4,5-Trichlorophenol			3330	3490		ug/Kg		105	59 - 120	11	30
2,4,6-Trichlorophenol			3330	3660		ug/Kg		110	58 - 120	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*98*		*22 - 122*
2-Fluorophenol (Surr)	*83*		*18 - 123*
Nitrobenzene-d5 (Surr)	*89*		*16 - 125*
Phenol-d5 (Surr)	*87*		*23 - 120*
Terphenyl-d14 (Surr)	*110*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*126*	*S1+*	*10 - 123*

Lab Sample ID: 180-147901-19 MS **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene	ND		4010	3170		ug/Kg	☼	79	49 - 120		
Acenaphthylene	ND		4010	3370		ug/Kg	☼	84	64 - 120		

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147901-19 MS **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetophenone	ND		4010	2900		ug/Kg	☼	72	61 - 120
Anthracene	ND		4010	3610		ug/Kg	☼	90	67 - 120
Atrazine	ND	*+	1600	2290		ug/Kg	☼	143	29 - 150
Benzaldehyde	ND		1600	1500	E	ug/Kg	☼	94	34 - 150
Benzo[a]anthracene	52		4010	3730		ug/Kg	☼	92	62 - 120
Benzo[a]pyrene	58		4010	3670		ug/Kg	☼	90	73 - 123
Benzo[b]fluoranthene	95		4010	4400		ug/Kg	☼	107	70 - 125
Benzo[g,h,i]perylene	46	J	4010	3760		ug/Kg	☼	93	66 - 120
Benzo[k]fluoranthene	40		4010	3940		ug/Kg	☼	97	67 - 122
1,1'-Biphenyl	ND		4010	3650		ug/Kg	☼	91	59 - 120
Bis(2-chloroethoxy)methane	ND		4010	3120		ug/Kg	☼	78	62 - 120
Bis(2-chloroethyl)ether	ND		4010	3020		ug/Kg	☼	75	60 - 120
Bis(2-ethylhexyl) phthalate	ND		4010	3560		ug/Kg	☼	89	59 - 125
4-Bromophenyl phenyl ether	ND		4010	3660		ug/Kg	☼	91	67 - 120
Butyl benzyl phthalate	ND		4010	3710		ug/Kg	☼	93	62 - 127
Caprolactam	ND		1600	2040		ug/Kg	☼	127	36 - 150
Carbazole	ND		4010	3540		ug/Kg	☼	88	64 - 120
4-Chloroaniline	ND		4010	3270		ug/Kg	☼	81	15 - 128
4-Chloro-3-methylphenol	ND		4010	3410		ug/Kg	☼	85	66 - 120
2-Chloronaphthalene	ND		4010	3580		ug/Kg	☼	89	60 - 120
2-Chlorophenol	ND		4010	3090		ug/Kg	☼	77	63 - 120
4-Chlorophenyl phenyl ether	ND		4010	3730		ug/Kg	☼	93	62 - 120
Chrysene	68	J	4010	3510		ug/Kg	☼	86	63 - 120
Dibenz(a,h)anthracene	ND		4010	3840		ug/Kg	☼	96	66 - 128
Dibenzofuran	ND		4010	3660		ug/Kg	☼	91	61 - 120
3,3'-Dichlorobenzidine	ND		4010	3940		ug/Kg	☼	98	13 - 136
2,4-Dichlorophenol	ND		4010	3510		ug/Kg	☼	87	66 - 120
Diethyl phthalate	ND		4010	3660		ug/Kg	☼	91	63 - 120
2,4-Dimethylphenol	ND		4010	2950		ug/Kg	☼	74	67 - 120
Dimethyl phthalate	ND		4010	3700		ug/Kg	☼	92	65 - 120
Di-n-butyl phthalate	ND		4010	3610		ug/Kg	☼	90	66 - 120
4,6-Dinitro-2-methylphenol	ND		8020	7970		ug/Kg	☼	99	50 - 136
2,4-Dinitrophenol	ND	*+	8020	9190		ug/Kg	☼	115	36 - 129
2,4-Dinitrotoluene	ND		4010	3960		ug/Kg	☼	99	65 - 124
2,6-Dinitrotoluene	ND		4010	4120		ug/Kg	☼	103	67 - 121
Di-n-octyl phthalate	ND		4010	3860		ug/Kg	☼	96	65 - 133
1,4-Dioxane	ND		4010	2550		ug/Kg	☼	64	21 - 120
Fluoranthene	120	J	4010	3810		ug/Kg	☼	92	61 - 120
Fluorene	ND		4010	3680		ug/Kg	☼	92	60 - 120
Hexachlorobenzene	ND		4010	3600		ug/Kg	☼	90	66 - 120
Hexachlorobutadiene	ND		4010	3360		ug/Kg	☼	84	62 - 120
Hexachlorocyclopentadiene	ND		4010	2150		ug/Kg	☼	54	38 - 120
Hexachloroethane	ND		4010	3000		ug/Kg	☼	75	61 - 120
Indeno[1,2,3-cd]pyrene	60	F1 *+	4010	5580	F1	ug/Kg	☼	138	62 - 130
Isophorone	ND		4010	3130		ug/Kg	☼	78	67 - 120
2-Methylnaphthalene	ND		4010	3110		ug/Kg	☼	78	64 - 120
2-Methylphenol	ND		4010	3210		ug/Kg	☼	80	63 - 120
Methylphenol, 3 & 4	ND		4010	2860		ug/Kg	☼	71	61 - 120
Naphthalene	ND		4010	3160		ug/Kg	☼	79	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147901-19 MS **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitroaniline	ND		4010	2770		ug/Kg	☼	69	48 - 120
3-Nitroaniline	ND		4010	3730		ug/Kg	☼	93	39 - 122
4-Nitroaniline	ND		4010	3600		ug/Kg	☼	90	55 - 120
Nitrobenzene	ND		4010	2930		ug/Kg	☼	73	63 - 120
2-Nitrophenol	ND		4010	3820		ug/Kg	☼	95	64 - 120
4-Nitrophenol	ND		8020	5660		ug/Kg	☼	71	52 - 123
N-Nitrosodi-n-propylamine	ND		4010	3160		ug/Kg	☼	79	61 - 120
N-Nitrosodiphenylamine	ND		4010	3560		ug/Kg	☼	89	63 - 120
2,2'-oxybis[1-chloropropane]	ND		4010	2960		ug/Kg	☼	74	49 - 126
Pentachlorophenol	ND		8020	5670		ug/Kg	☼	71	37 - 126
Phenanthrene	33	J	4010	3480		ug/Kg	☼	86	66 - 120
Phenol	ND		4010	3270		ug/Kg	☼	82	63 - 120
Pyrene	96	J	4010	3640		ug/Kg	☼	88	61 - 121
1,2,4,5-Tetrachlorobenzene	ND		4010	3660		ug/Kg	☼	91	60 - 120
2,3,4,6-Tetrachlorophenol	ND		4010	3770		ug/Kg	☼	94	54 - 120
2,4,5-Trichlorophenol	ND		4010	3740		ug/Kg	☼	93	59 - 120
2,4,6-Trichlorophenol	ND		4010	3670		ug/Kg	☼	91	58 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*22 - 122*
2-Fluorophenol (Surr)	*65*		*18 - 123*
Nitrobenzene-d5 (Surr)	*73*		*16 - 125*
Phenol-d5 (Surr)	*76*		*23 - 120*
Terphenyl-d14 (Surr)	*95*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*110*		*10 - 123*

Lab Sample ID: 180-147901-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		4010	3120		ug/Kg	☼	78	49 - 120	1	30
Acenaphthylene	ND		4010	3330		ug/Kg	☼	83	64 - 120	1	30
Acetophenone	ND		4010	2890		ug/Kg	☼	72	61 - 120	0	30
Anthracene	ND		4010	3590		ug/Kg	☼	90	67 - 120	0	30
Atrazine	ND	*+	1600	2340		ug/Kg	☼	146	29 - 150	2	30
Benzaldehyde	ND		1600	1480	E	ug/Kg	☼	92	34 - 150	2	30
Benzo[a]anthracene	52		4010	3720		ug/Kg	☼	91	62 - 120	0	30
Benzo[a]pyrene	58		4010	3800		ug/Kg	☼	93	73 - 123	3	30
Benzo[b]fluoranthene	95		4010	4440		ug/Kg	☼	108	70 - 125	1	30
Benzo[g,h,i]perylene	46	J	4010	3860		ug/Kg	☼	95	66 - 120	3	30
Benzo[k]fluoranthene	40		4010	3970		ug/Kg	☼	98	67 - 122	1	30
1,1'-Biphenyl	ND		4010	3570		ug/Kg	☼	89	59 - 120	2	30
Bis(2-chloroethoxy)methane	ND		4010	3020		ug/Kg	☼	75	62 - 120	3	30
Bis(2-chloroethyl)ether	ND		4010	2730		ug/Kg	☼	68	60 - 120	10	30
Bis(2-ethylhexyl) phthalate	ND		4010	3520		ug/Kg	☼	88	59 - 125	1	30
4-Bromophenyl phenyl ether	ND		4010	3620		ug/Kg	☼	90	67 - 120	1	30
Butyl benzyl phthalate	ND		4010	3710		ug/Kg	☼	93	62 - 127	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147901-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Caprolactam	ND		1600	2070		ug/Kg	☼	129	36 - 150	2	30
Carbazole	ND		4010	3560		ug/Kg	☼	89	64 - 120	0	30
4-Chloroaniline	ND		4010	3200		ug/Kg	☼	80	15 - 128	2	30
4-Chloro-3-methylphenol	ND		4010	3340		ug/Kg	☼	83	66 - 120	2	30
2-Chloronaphthalene	ND		4010	3520		ug/Kg	☼	88	60 - 120	1	30
2-Chlorophenol	ND		4010	2950		ug/Kg	☼	74	63 - 120	4	30
4-Chlorophenyl phenyl ether	ND		4010	3650		ug/Kg	☼	91	62 - 120	2	30
Chrysene	68	J	4010	3570		ug/Kg	☼	87	63 - 120	1	30
Dibenz(a,h)anthracene	ND		4010	3930		ug/Kg	☼	98	66 - 128	2	30
Dibenzofuran	ND		4010	3580		ug/Kg	☼	89	61 - 120	2	30
3,3'-Dichlorobenzidine	ND		4010	4000		ug/Kg	☼	100	13 - 136	2	30
2,4-Dichlorophenol	ND		4010	3410		ug/Kg	☼	85	66 - 120	3	30
Diethyl phthalate	ND		4010	3620		ug/Kg	☼	90	63 - 120	1	30
2,4-Dimethylphenol	ND		4010	2870		ug/Kg	☼	71	67 - 120	3	30
Dimethyl phthalate	ND		4010	3620		ug/Kg	☼	90	65 - 120	2	30
Di-n-butyl phthalate	ND		4010	3520		ug/Kg	☼	88	66 - 120	3	30
4,6-Dinitro-2-methylphenol	ND		8020	8170		ug/Kg	☼	102	50 - 136	2	30
2,4-Dinitrophenol	ND	*+	8020	9080		ug/Kg	☼	113	36 - 129	1	30
2,4-Dinitrotoluene	ND		4010	3850		ug/Kg	☼	96	65 - 124	3	30
2,6-Dinitrotoluene	ND		4010	3920		ug/Kg	☼	98	67 - 121	5	30
Di-n-octyl phthalate	ND		4010	3840		ug/Kg	☼	96	65 - 133	1	30
1,4-Dioxane	ND		4010	2430		ug/Kg	☼	61	21 - 120	5	30
Fluoranthene	120	J	4010	3850		ug/Kg	☼	93	61 - 120	1	30
Fluorene	ND		4010	3620		ug/Kg	☼	90	60 - 120	2	30
Hexachlorobenzene	ND		4010	3630		ug/Kg	☼	91	66 - 120	1	30
Hexachlorobutadiene	ND		4010	3200		ug/Kg	☼	80	62 - 120	5	30
Hexachlorocyclopentadiene	ND		4010	2030		ug/Kg	☼	51	38 - 120	6	30
Hexachloroethane	ND		4010	2890		ug/Kg	☼	72	61 - 120	4	30
Indeno[1,2,3-cd]pyrene	60	F1 *+	4010	5750	F1	ug/Kg	☼	142	62 - 130	3	30
Isophorone	ND		4010	3070		ug/Kg	☼	77	67 - 120	2	30
2-Methylnaphthalene	ND		4010	2990		ug/Kg	☼	75	64 - 120	4	30
2-Methylphenol	ND		4010	3120		ug/Kg	☼	78	63 - 120	3	30
Methylphenol, 3 & 4	ND		4010	2710		ug/Kg	☼	68	61 - 120	6	30
Naphthalene	ND		4010	3070		ug/Kg	☼	77	63 - 120	3	30
2-Nitroaniline	ND		4010	2710		ug/Kg	☼	68	48 - 120	2	30
3-Nitroaniline	ND		4010	3670		ug/Kg	☼	92	39 - 122	2	30
4-Nitroaniline	ND		4010	3550		ug/Kg	☼	89	55 - 120	1	30
Nitrobenzene	ND		4010	2820		ug/Kg	☼	70	63 - 120	4	30
2-Nitrophenol	ND		4010	3700		ug/Kg	☼	92	64 - 120	3	30
4-Nitrophenol	ND		8020	5820		ug/Kg	☼	73	52 - 123	3	30
N-Nitrosodi-n-propylamine	ND		4010	3090		ug/Kg	☼	77	61 - 120	2	30
N-Nitrosodiphenylamine	ND		4010	3490		ug/Kg	☼	87	63 - 120	2	30
2,2'-oxybis[1-chloropropane]	ND		4010	2920		ug/Kg	☼	73	49 - 126	1	30
Pentachlorophenol	ND		8020	5770		ug/Kg	☼	72	37 - 126	2	30
Phenanthrene	33	J	4010	3520		ug/Kg	☼	87	66 - 120	1	30
Phenol	ND		4010	3200		ug/Kg	☼	80	63 - 120	2	30
Pyrene	96	J	4010	3660		ug/Kg	☼	89	61 - 121	1	30
1,2,4,5-Tetrachlorobenzene	ND		4010	3600		ug/Kg	☼	90	60 - 120	2	30
2,3,4,6-Tetrachlorophenol	ND		4010	3820		ug/Kg	☼	95	54 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147901-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878743 **Prep Batch: 878616**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		4010	3730		ug/Kg	☼	93	59 - 120	0	30
2,4,6-Trichlorophenol	ND		4010	3660		ug/Kg	☼	91	58 - 120	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*84*		*22 - 122*
2-Fluorophenol (Surr)	*65*		*18 - 123*
Nitrobenzene-d5 (Surr)	*72*		*16 - 125*
Phenol-d5 (Surr)	*75*		*23 - 120*
Terphenyl-d14 (Surr)	*96*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*108*		*10 - 123*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-418617/1-C **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 419183 **Prep Batch: 418617**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		11/18/22 10:22	11/28/22 10:30	1
PCB-1221	ND		17	5.9	ug/Kg		11/18/22 10:22	11/28/22 10:30	1
PCB-1232	ND		17	4.1	ug/Kg		11/18/22 10:22	11/28/22 10:30	1
PCB-1242	ND		17	2.4	ug/Kg		11/18/22 10:22	11/28/22 10:30	1
PCB-1248	ND		17	4.0	ug/Kg		11/18/22 10:22	11/28/22 10:30	1
PCB-1254	ND		17	5.0	ug/Kg		11/18/22 10:22	11/28/22 10:30	1
PCB-1260	ND		17	4.7	ug/Kg		11/18/22 10:22	11/28/22 10:30	1
PCB-1262	ND		17	5.9	ug/Kg		11/18/22 10:22	11/28/22 10:30	1
PCB-1268	ND		17	2.2	ug/Kg		11/18/22 10:22	11/28/22 10:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*86*		*63 - 138*	*11/18/22 10:22*	*11/28/22 10:30*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*63 - 138*	*11/18/22 10:22*	*11/28/22 10:30*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*55 - 135*	*11/18/22 10:22*	*11/28/22 10:30*	*1*
Tetrachloro-m-xylene (Surr)	*81*		*55 - 135*	*11/18/22 10:22*	*11/28/22 10:30*	*1*

Lab Sample ID: LCS 180-418617/2-C **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 419183 **Prep Batch: 418617**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1330	1360		ug/Kg		102	43 - 136
PCB-1260	1330	1060		ug/Kg		79	55 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*102*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*99*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*110*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*105*		*55 - 135*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-147901-19 MS **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 419183 **Prep Batch: 418617**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		1550	1110		ug/Kg	☼	72	43 - 136
PCB-1260	ND		1550	749	F1	ug/Kg	☼	48	55 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*69*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*64*		*55 - 135*

Lab Sample ID: 180-147901-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 419183 **Prep Batch: 418617**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1610	1170		ug/Kg	☼	73	43 - 136	5	40
PCB-1260	ND		1610	785	F1	ug/Kg	☼	49	55 - 128	5	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*62*	*S1-*	*63 - 138*
Tetrachloro-m-xylene (Surr)	*80*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-552102/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552252 **Prep Batch: 552102**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.3	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Antimony	ND		2.0	0.36	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Arsenic	ND		1.5	0.32	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Barium	ND		20	0.36	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Beryllium	ND		0.50	0.054	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Cadmium	ND		0.50	0.048	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Calcium	ND		500	36	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Chromium	ND		1.0	0.34	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Cobalt	ND		1.0	0.20	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Copper	ND		2.5	0.24	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Iron	ND		20	6.9	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Lead	ND		1.0	0.28	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Magnesium	ND		500	46	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Manganese	ND		1.5	1.1	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Nickel	ND		4.0	0.23	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Potassium	ND		500	79	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Selenium	ND		2.0	0.47	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Silver	ND		1.0	0.081	mg/Kg		11/15/22 15:00	11/16/22 09:39	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-552102/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552252 **Prep Batch: 552102**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		500	63	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Thallium	ND		2.0	0.40	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Vanadium	ND		5.0	0.82	mg/Kg		11/15/22 15:00	11/16/22 09:39	1
Zinc	ND		5.0	1.4	mg/Kg		11/15/22 15:00	11/16/22 09:39	1

Lab Sample ID: LCS 240-552102/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552252 **Prep Batch: 552102**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	1000	924		mg/Kg		92	80 - 120
Antimony	100	102		mg/Kg		102	80 - 120
Arsenic	200	194		mg/Kg		97	80 - 120
Barium	200	177		mg/Kg		89	80 - 120
Beryllium	100	93.9		mg/Kg		94	80 - 120
Cadmium	100	97.4		mg/Kg		97	80 - 120
Calcium	5000	4630		mg/Kg		93	80 - 120
Chromium	100	94.8		mg/Kg		95	80 - 120
Cobalt	100	94.3		mg/Kg		94	80 - 120
Copper	100	92.5		mg/Kg		92	80 - 120
Iron	1000	907		mg/Kg		91	80 - 120
Lead	100	91.7		mg/Kg		92	80 - 120
Magnesium	5000	4520		mg/Kg		90	80 - 120
Manganese	100	91.0		mg/Kg		91	80 - 120
Nickel	100	94.7		mg/Kg		95	80 - 120
Potassium	5000	4580		mg/Kg		92	80 - 120
Selenium	200	192		mg/Kg		96	80 - 120
Silver	10.0	9.69		mg/Kg		97	80 - 120
Sodium	5000	4650		mg/Kg		93	80 - 120
Thallium	200	185		mg/Kg		93	80 - 120
Vanadium	100	93.6		mg/Kg		94	80 - 120
Zinc	100	96.5		mg/Kg		96	80 - 120

Lab Sample ID: 180-147901-19 MS **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552252 **Prep Batch: 552102**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	9100		949	12000	4	mg/Kg	☼	305	75 - 125
Antimony	0.38	J F1	94.9	36.5	F1	mg/Kg	☼	38	75 - 125
Arsenic	5.3		190	161		mg/Kg	☼	82	75 - 125
Barium	96		190	249		mg/Kg	☼	80	75 - 125
Beryllium	0.40	J	94.9	76.4		mg/Kg	☼	80	75 - 125
Cadmium	0.097	J	94.9	78.8		mg/Kg	☼	83	75 - 125
Calcium	1500		4740	5340		mg/Kg	☼	80	75 - 125
Chromium	11		94.9	89.9		mg/Kg	☼	83	75 - 125
Cobalt	6.8		94.9	93.8		mg/Kg	☼	92	75 - 125
Copper	12		94.9	89.0		mg/Kg	☼	81	75 - 125
Iron	15000		949	15400	4	mg/Kg	☼	9	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-147901-19 MS **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552252 **Prep Batch: 552102**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	15		94.9	86.4		mg/Kg	☼	76	75 - 125
Magnesium	2000		4740	5610		mg/Kg	☼	76	75 - 125
Manganese	480		94.9	549	4	mg/Kg	☼	67	75 - 125
Nickel	15		94.9	102		mg/Kg	☼	92	75 - 125
Potassium	600		4740	4620		mg/Kg	☼	85	75 - 125
Selenium	0.68	J	190	154		mg/Kg	☼	81	75 - 125
Silver	ND		9.49	7.98		mg/Kg	☼	84	75 - 125
Sodium	140	J	4740	3910		mg/Kg	☼	79	75 - 125
Thallium	ND		190	165		mg/Kg	☼	87	75 - 125
Vanadium	14		94.9	93.1		mg/Kg	☼	84	75 - 125
Zinc	58		94.9	154		mg/Kg	☼	101	75 - 125

Lab Sample ID: 180-147901-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552252 **Prep Batch: 552102**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	9100		949	12500	4	mg/Kg	☼	356	75 - 125	4	20
Antimony	0.38	J F1	94.9	37.0	F1	mg/Kg	☼	39	75 - 125	2	20
Arsenic	5.3		190	162		mg/Kg	☼	83	75 - 125	1	20
Barium	96		190	256		mg/Kg	☼	84	75 - 125	3	20
Beryllium	0.40	J	94.9	77.7		mg/Kg	☼	81	75 - 125	2	20
Cadmium	0.097	J	94.9	79.0		mg/Kg	☼	83	75 - 125	0	20
Calcium	1500		4740	5530		mg/Kg	☼	84	75 - 125	4	20
Chromium	11		94.9	90.5		mg/Kg	☼	84	75 - 125	1	20
Cobalt	6.8		94.9	96.6		mg/Kg	☼	95	75 - 125	3	20
Copper	12		94.9	90.0		mg/Kg	☼	82	75 - 125	1	20
Iron	15000		949	17800	4	mg/Kg	☼	260	75 - 125	14	20
Lead	15		94.9	87.7		mg/Kg	☼	77	75 - 125	2	20
Magnesium	2000		4740	5810		mg/Kg	☼	80	75 - 125	3	20
Manganese	480		94.9	632	4	mg/Kg	☼	155	75 - 125	14	20
Nickel	15		94.9	105		mg/Kg	☼	95	75 - 125	3	20
Potassium	600		4740	4770		mg/Kg	☼	88	75 - 125	3	20
Selenium	0.68	J	190	154		mg/Kg	☼	81	75 - 125	0	20
Silver	ND		9.49	8.06		mg/Kg	☼	85	75 - 125	1	20
Sodium	140	J	4740	3970		mg/Kg	☼	81	75 - 125	2	20
Thallium	ND		190	168		mg/Kg	☼	89	75 - 125	2	20
Vanadium	14		94.9	94.2		mg/Kg	☼	85	75 - 125	1	20
Zinc	58		94.9	158		mg/Kg	☼	106	75 - 125	3	20

Lab Sample ID: MB 240-552495/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552495**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.3	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Antimony	ND		2.0	0.36	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Arsenic	ND		1.5	0.32	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Barium	ND		20	0.36	mg/Kg		11/16/22 14:00	11/17/22 10:04	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-552495/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552495**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.50	0.054	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Cadmium	ND		0.50	0.048	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Calcium	ND		500	36	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Chromium	ND		1.0	0.34	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Cobalt	ND		1.0	0.20	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Copper	ND		2.5	0.24	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Iron	ND		20	6.9	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Lead	ND		1.0	0.28	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Magnesium	ND		500	46	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Manganese	ND		1.5	1.1	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Nickel	ND		4.0	0.23	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Potassium	ND		500	79	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Selenium	ND		2.0	0.47	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Silver	ND		1.0	0.081	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Sodium	ND		500	63	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Thallium	ND		2.0	0.40	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Vanadium	ND		5.0	0.82	mg/Kg		11/16/22 14:00	11/17/22 10:04	1
Zinc	ND		5.0	1.4	mg/Kg		11/16/22 14:00	11/17/22 10:04	1

Lab Sample ID: LCS 240-552495/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552495**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	463		mg/Kg		93	80 - 120
Antimony	10.0	9.27		mg/Kg		93	80 - 120
Arsenic	100	92.2		mg/Kg		92	80 - 120
Barium	100	88.3		mg/Kg		88	80 - 120
Beryllium	50.0	47.3		mg/Kg		95	80 - 120
Cadmium	50.0	45.6		mg/Kg		91	80 - 120
Calcium	2500	2310		mg/Kg		92	80 - 120
Chromium	50.0	45.8		mg/Kg		92	80 - 120
Cobalt	50.0	45.6		mg/Kg		91	80 - 120
Copper	50.0	43.9		mg/Kg		88	80 - 120
Iron	500	464		mg/Kg		93	80 - 120
Lead	50.0	45.1		mg/Kg		90	80 - 120
Magnesium	2500	2300		mg/Kg		92	80 - 120
Manganese	50.0	45.6		mg/Kg		91	80 - 120
Nickel	50.0	46.0		mg/Kg		92	80 - 120
Potassium	2500	2280		mg/Kg		91	80 - 120
Selenium	100	91.0		mg/Kg		91	80 - 120
Silver	10.0	9.10		mg/Kg		91	80 - 120
Sodium	2500	2310		mg/Kg		92	80 - 120
Thallium	100	90.8		mg/Kg		91	80 - 120
Vanadium	50.0	46.6		mg/Kg		93	80 - 120
Zinc	50.0	46.2		mg/Kg		92	80 - 120

Client: Geosyntec Consultants, Inc.
Job ID: 180-147901-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-552103/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 552313
Prep Batch: 552103

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		11/15/22 15:00	11/16/22 13:22	1

Lab Sample ID: LCS 240-552103/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 552313
Prep Batch: 552103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.794		mg/Kg		95	80 - 120

Lab Sample ID: 180-147901-19 MS
Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 552313
Prep Batch: 552103

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.058	J	0.227	0.268		mg/Kg	☼	92	80 - 120

Lab Sample ID: 180-147901-19 MSD
Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 552313
Prep Batch: 552103

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.058	J	0.227	0.267		mg/Kg	☼	92	80 - 120	0	20

GC/MS VOA

Prep Batch: 878146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	5035	
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	5035	
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	5035	
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	5035	
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	5035	
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	5035	
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	5035	
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	5035	
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	5035	
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	5035	
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	5035	
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	5035	
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	5035	
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	5035	
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	5035	
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	5035	
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	5035	
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	5035	
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	5035	
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	5035	
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	5035	

Analysis Batch: 879057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	8260D	878146
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	8260D	878146
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	8260D	878146
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	8260D	878146
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	8260D	878146
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	8260D	878146
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	8260D	878146
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	8260D	878146
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	8260D	878146
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	8260D	878146
MB 460-879057/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-879057/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-879057/5	Lab Control Sample Dup	Total/NA	Solid	8260D	
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	8260D	878146
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	8260D	878146

Analysis Batch: 879129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	8260D	878146
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	8260D	878146
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	8260D	878146
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	8260D	878146
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	8260D	878146
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	8260D	878146
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	8260D	878146
MB 460-879129/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-879129/4	Lab Control Sample	Total/NA	Solid	8260D	

GC/MS VOA (Continued)

Analysis Batch: 879129 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 460-879129/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 879239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	8260D	878146
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	8260D	878146
MB 460-879239/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-879239/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-879239/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 878336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	3546	
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	3546	
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	3546	
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	3546	
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	3546	
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	3546	
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	3546	
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	3546	
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	3546	
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	3546	
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	3546	
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	3546	
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	3546	
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	3546	
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	3546	
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	3546	
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	3546	
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	3546	
MB 460-878336/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-878336/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-878336/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 878502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	8270E	878336
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	8270E	878336
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	8270E	878336
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	8270E	878336
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	8270E	878336
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	8270E	878336
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	8270E	878336
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	8270E	878336
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	8270E	878336
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	8270E	878336
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	8270E	878336
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	8270E	878336
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	8270E	878336

GC/MS Semi VOA (Continued)

Analysis Batch: 878502 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	8270E	878336
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	8270E	878336
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	8270E	878336
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	8270E	878336
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	8270E	878336
MB 460-878336/1-A	Method Blank	Total/NA	Solid	8270E	878336
LCS 460-878336/2-A	Lab Control Sample	Total/NA	Solid	8270E	878336
LCSD 460-878336/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	878336

Prep Batch: 878616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3546	
MB 460-878616/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-878616/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-878616/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3546	
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3546	

Analysis Batch: 878743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	8270E	878616
MB 460-878616/1-A	Method Blank	Total/NA	Solid	8270E	878616
LCS 460-878616/2-A	Lab Control Sample	Total/NA	Solid	8270E	878616
LCSD 460-878616/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	878616
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	8270E	878616
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	8270E	878616

GC Semi VOA

Prep Batch: 418617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	3541	
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	3541	
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	3541	
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	3541	
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	3541	
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	3541	
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	3541	
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	3541	
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	3541	
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	3541	
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	3541	
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	3541	
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	3541	
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	3541	
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	3541	
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	3541	
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	3541	
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	3541	
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3541	
MB 180-418617/1-C	Method Blank	Total/NA	Solid	3541	

GC Semi VOA (Continued)

Prep Batch: 418617 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-418617/2-C	Lab Control Sample	Total/NA	Solid	3541	
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3541	
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3541	

Cleanup Batch: 418703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	3665A	418617
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	3665A	418617
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	3665A	418617
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	3665A	418617
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	3665A	418617
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	3665A	418617
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	3665A	418617
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	3665A	418617
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	3665A	418617
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	3665A	418617
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	3665A	418617
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	3665A	418617
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	3665A	418617
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	3665A	418617
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	3665A	418617
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	3665A	418617
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	3665A	418617
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	3665A	418617
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3665A	418617
MB 180-418617/1-C	Method Blank	Total/NA	Solid	3665A	418617
LCS 180-418617/2-C	Lab Control Sample	Total/NA	Solid	3665A	418617
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3665A	418617
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3665A	418617

Cleanup Batch: 418704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	3660B	418703
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	3660B	418703
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	3660B	418703
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	3660B	418703
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	3660B	418703
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	3660B	418703
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	3660B	418703
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	3660B	418703
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	3660B	418703
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	3660B	418703
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	3660B	418703
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	3660B	418703
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	3660B	418703
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	3660B	418703
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	3660B	418703
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	3660B	418703
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	3660B	418703
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	3660B	418703
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3660B	418703

GC Semi VOA (Continued)

Cleanup Batch: 418704 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-418617/1-C	Method Blank	Total/NA	Solid	3660B	418703
LCS 180-418617/2-C	Lab Control Sample	Total/NA	Solid	3660B	418703
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3660B	418703
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3660B	418703

Analysis Batch: 419183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	EPA 8082A	418704
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	EPA 8082A	418704
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	EPA 8082A	418704
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	EPA 8082A	418704
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	EPA 8082A	418704
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	EPA 8082A	418704
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	EPA 8082A	418704
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	EPA 8082A	418704
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	EPA 8082A	418704
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	EPA 8082A	418704
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	EPA 8082A	418704
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	EPA 8082A	418704
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	EPA 8082A	418704
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	EPA 8082A	418704
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	EPA 8082A	418704
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	EPA 8082A	418704
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	EPA 8082A	418704
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	EPA 8082A	418704
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	EPA 8082A	418704
MB 180-418617/1-C	Method Blank	Total/NA	Solid	EPA 8082A	418704
LCS 180-418617/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	418704
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	EPA 8082A	418704
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	EPA 8082A	418704

Metals

Prep Batch: 552102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	3050B	
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	3050B	
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	3050B	
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	3050B	
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	3050B	
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	3050B	
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	3050B	
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	3050B	
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	3050B	
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	3050B	
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	3050B	
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	3050B	
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	3050B	
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	3050B	
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	3050B	
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 552102 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	3050B	
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3050B	
MB 240-552102/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-552102/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3050B	
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	3050B	

Prep Batch: 552103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	7471B	
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	7471B	
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	7471B	
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	7471B	
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	7471B	
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	7471B	
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	7471B	
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	7471B	
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	7471B	
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	7471B	
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	7471B	
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	7471B	
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	7471B	
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	7471B	
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	7471B	
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	7471B	
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	7471B	
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	7471B	
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	7471B	
MB 240-552103/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-552103/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	7471B	
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	7471B	

Analysis Batch: 552252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	6010D	552102
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	6010D	552102
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	6010D	552102
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	6010D	552102
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	6010D	552102
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	6010D	552102
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	6010D	552102
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	6010D	552102
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	6010D	552102
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	6010D	552102
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	6010D	552102
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	6010D	552102
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	6010D	552102
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	6010D	552102
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	6010D	552102
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	6010D	552102

Metals (Continued)

Analysis Batch: 552252 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	6010D	552102
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	6010D	552102
MB 240-552102/1-A	Method Blank	Total/NA	Solid	6010D	552102
LCS 240-552102/2-A	Lab Control Sample	Total/NA	Solid	6010D	552102
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	6010D	552102
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	6010D	552102

Analysis Batch: 552313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	7471B	552103
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	7471B	552103
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	7471B	552103
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	7471B	552103
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	7471B	552103
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	7471B	552103
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	7471B	552103
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	7471B	552103
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	7471B	552103
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	7471B	552103
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	7471B	552103
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	7471B	552103
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	7471B	552103
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	7471B	552103
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	7471B	552103
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	7471B	552103
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	7471B	552103
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	7471B	552103
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	7471B	552103
MB 240-552103/1-A	Method Blank	Total/NA	Solid	7471B	552103
LCS 240-552103/2-A	Lab Control Sample	Total/NA	Solid	7471B	552103
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	7471B	552103
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	7471B	552103

Analysis Batch: 552490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	6010D	552495
MB 240-552495/1-A	Method Blank	Total/NA	Solid	6010D	552495
LCS 240-552495/2-A	Lab Control Sample	Total/NA	Solid	6010D	552495

Prep Batch: 552495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	3050B	
MB 240-552495/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-552495/2-A	Lab Control Sample	Total/NA	Solid	3050B	

General Chemistry

Analysis Batch: 878159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	Moisture	
180-147901-2	SSHS-IRM5A2-SCV26-0.5-1	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 878159 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-3	SSHS-IRM5A2-SCV27-0-0.5	Total/NA	Solid	Moisture	
180-147901-4	SSHS-IRM5A2-SCV27-0.5-1	Total/NA	Solid	Moisture	
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	Moisture	
180-147901-6	SSHS-IRM5A2-SCV28-0.5-1	Total/NA	Solid	Moisture	
180-147901-7	SSHS-IRM5A2-SCV29-0-0.5	Total/NA	Solid	Moisture	
180-147901-8	SSHS-IRM5A2-SCV29-0.5-1	Total/NA	Solid	Moisture	
180-147901-9	SSHS-IRM5A2-SCV30-0-0.5	Total/NA	Solid	Moisture	
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	Moisture	
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	Moisture	
180-147901-12	SSHS-IRM5A2-SCV25-0-0.5	Total/NA	Solid	Moisture	
180-147901-13	SSHS-IRM5A2-SCV25-0.5-1	Total/NA	Solid	Moisture	
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	Moisture	
180-147901-15	SSHS-IRM5A2-SCV24-0.5-1	Total/NA	Solid	Moisture	
180-147901-16	SSHS-IRM5A2-SCV23-0-0.5	Total/NA	Solid	Moisture	
180-147901-17	SSHS-IRM5A2-SCV23-0.5-1	Total/NA	Solid	Moisture	
180-147901-18	SSHS-IRM5A2-DUP5	Total/NA	Solid	Moisture	
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	Moisture	
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	Moisture	
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No.: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV26-0-0.5	11/14/22	1400	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV26-0 5-1	11/14/22	1405	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV27-0-0.5	11/14/22	1410	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV27-0.5-1	11/14/22	1415	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV28-0-0.5	11/14/22	1420	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV28-0.5-1	11/14/22	1425	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV29-0-0.5	11/14/22	1430	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV29-0.5-1	11/14/22	1435	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV30-0-0 5	11/14/22	1440	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV30-0.5-1	11/14/22	1445	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV-DUP4	11/14/22		G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV25-0-0.5	11/14/22	1450	G	S	N	N	X	X	X	X			7	

180-147901 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Colin	Date/Time: 11/14	Company: Geosyntec	Received by:	Date/Time: 11-15-22 900	Company: TestAmerica
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

12/1/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s)	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV25-0.5-1	11/14/22	1455	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV24-0-0.5	11/14/22	1505	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV24-0.5-1	11/14/22	1510	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV23-0-0.5	11/14/22	1515	G	S	N	N	X	X	X	X			9	
SSHS-IRM5A2-SCV23-0.5-1	11/14/22	1520	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP5	11/14/22		G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV22-0-0.5	11/14/22	1525	G	S	N	Y	X	X	X	X	X	X	22	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 11/14	Company: Geosyntec	Received by:	Date/Time: 11-15-22 9:00	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

12/1/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

0-8 / 10-8

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N									
SSHS-IRM5A2-SCV26-0-0.5	11/14/22	1400	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV26-0.5-1	11/14/22	1405	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV27-0-0.5	11/14/22	1410	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV27-0.5-1	11/14/22	1415	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV28-0-0.5	11/14/22	1420	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV28-0.5-1	11/14/22	1425	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV29-0-0.5	11/14/22	1430	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV29-0.5-1	11/14/22	1435	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV30-0-0.5	11/14/22	1440	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV30-0.5-1	11/14/22	1445	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV-DUP4	11/14/22		G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV25-0-0.5	11/14/22	1450	G	S	N	N	X	X	X	X										7	

180-147901 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 11/14	Company: Geosyntec	Received by:	Date/Time: 11-15-22 10:00	Company:
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

12/1/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

D 8/10-8

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN08321			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E; PFAS									Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N										
SSHS-IRM5A2-SCV25-0.5-1	11/14/22	1455	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV24-0-0.5	11/14/22	1505	G	S	N	N	X	X	X	X	X	X									9	
SSHS-IRM5A2-SCV24-0.5-1	11/14/22	1510	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV23-0-0.5	11/14/22	1515	G	S	N	N	X	X	X	X											9	
SSHS-IRM5A2-SCV23-0.5-1	11/14/22	1520	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV-DUP5	11/14/22		G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV22-0-0.5	11/14/22	1525	G	S	N	Y	X	X	X	X	X	X									22	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Colin	Date/Time: 11/14	Company: Geosyntec	Received by: Mandaly Bla Date/Time: 11-15-22 10:00 Company: eurofins
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

12/1/2022

Eurofins - Canton Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client Red Sunrec Site Name _____ Cooler unpacked by: Mandaly
Cooler Received on 11-14-22 Opened on 11-14-22
FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # ELINC Foam Box Client Cooler Box Other _____
Packing material used: Bubble Wrap Foam Plastic Bag None Other Box
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. ____ °C Corrected Cooler Temp. ____ °C
IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp. 0.8 °C Corrected Cooler Temp. 0.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC286797
14. Were VOAs on the COC?	Yes	No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____
_____
_____
_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-147901 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N								
SSHS-IRM5A2-SCV26-0-0.5	11/14/22	1400	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV26-0.5-1	11/14/22	1405	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV27-0-0.5	11/14/22	1410	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV27-0.5-1	11/14/22	1415	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV28-0-0.5	11/14/22	1420	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV28-0.5-1	11/14/22	1425	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV29-0-0.5	11/14/22	1430	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV29-0.5-1	11/14/22	1435	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV30-0-0.5	11/14/22	1440	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV30-0.5-1	11/14/22	1445	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV-DUP4	11/14/22		G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV25-0-0.5	11/14/22	1450	G	S	N	N	X	X	X	X									7	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:	Date/Time: 11/14/22	Company: Geosyntec	Received by:	Date/Time: 11/15/22 900	Company: TSC		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		

Custody Seals Intact: ▲ Yes △ No | Custody Seal No.: 1903878 | Cooler Temperature(s) °C and Other Remarks: 5.2

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV25-0.5-1	11/14/22	1455	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV24-0-0.5	11/14/22	1505	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV24-0.5-1	11/14/22	1510	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV23-0-0.5	11/14/22	1515	G	S	N	N	X	X	X	X										9	
SSHS-IRM5A2-SCV23-0.5-1	11/14/22	1520	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP5	11/14/22		G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV22-0-0.5	11/14/22	1525	G	S	N	Y	X	X	X	X	X	X								22	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Colin	11/14/22	Geosyntec		11/15/22 900	EET SAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☒ Yes ☐ No | Custody Seal No.: 190387

Cooler Temperature(s) °C and Other Remarks: 5.2

Ver: 01/16/2019

12/1/2022

180-147901

eurofins Environment Testing TestAmerica

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV26-0-0.5	11/14/22	1400	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV26-0.5-1	11/14/22	1405	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV27-0-0.5	11/14/22	1410	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV27-0.5-1	11/14/22	1415	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV28-0-0.5	11/14/22	1420	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV28-0.5-1	11/14/22	1425	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV29-0-0.5	11/14/22	1430	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV29-0.5-1	11/14/22	1435	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV30-0-0.5	11/14/22	1440	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV30-0.5-1	11/14/22	1445	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV-DUP4	11/14/22		G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV25-0-0.5	11/14/22	1450	G	S	N	N	X	X	X	X			7	

180-147901 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 11/14	Company: Geosyntec	Received by: Fedex
Relinquished by:	Date/Time:	Company	Received by: Date/Time: 11/15/22 1030 Company FEDEX
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 1003-882	1976475	Cooler Temperature(s) °C and Other Remarks: 5.8°C 5.8°C 4.9°C 4.7°C

Ver: 01/16/2019

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12/1/2022

180-147901

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV25-0.5-1	11/14/22	1455	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV24-0-0.5	11/14/22	1505	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV24-0.5-1	11/14/22	1510	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV23-0-0.5	11/14/22	1515	G	S	N	N	X	X	X	X									9	
SSHS-IRM5A2-SCV23-0.5-1	11/14/22	1520	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP5	11/14/22		G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV22-0-0.5	11/14/22	1525	G	S	N	Y	X	X	X	X	X	X							22	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by: Colin	Date/Time: 11/14	Company: Geosyntec	Received by: Fedex	Date/Time: 11/15/22 0830	Company FDX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.: 19038882 19764775		Cooler Temperature(s) °C and Other Remarks: 5.8°C 5.8°C 4.7°C/4.7°C		

Ver: 01/16/2019

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 180-147903

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	5.8 °C	5.8 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	4.7 °C	4.7 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 11/15/22

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Sacramento Sample Receiving Notes

180-147901 Field Sheet

Tracking # : 7104 7380 3220

Job: _____

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: C11 Corr. Factor: (+ / -) _____ °C

Ice ~ Wet _____ Gel _____ Other _____

Cooler Custody Seal: 190387

Cooler ID: _____

Temp Observed: 5.2 °C Corrected: 5.2 °C

From: Temp Blank ☐ Sample ☑

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JP Date: 11/15/22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☐	☐	☑
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: LB Date: 11.15.22

Notes: Samples have the incorrect ID labels. (MS, MSD) (1) (1) & 11.15.22 BSHS-12MSA2-SCM22-05-1 LB 11.15.22

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☑	☐	☐
Log Release checked in TALS?	☐	☐	☑

Initials: LB Date: 11.15.22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147901-1

Login Number: 147901

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Dunlap, David A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147901-1

Login Number: 147901
List Number: 3
Creator: Sgro, Angela M

List Source: Eurofins Edison
List Creation: 11/15/22 08:30 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	1903882, 1976475
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	5.8/5.8 4.7/4.7 IR 9
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

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JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-147901-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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12/1/2022 5:19:36 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-147901-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-147901-2

Receipt
The samples were received on 11/15/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.8º C, 4.5º C, 4.7º C, 5.2º C and 5.8º C.

LCMS
Method 537 (modified): The "I" qualifier means the transition mass ratio for the indicated analyte was below the established ratio limits for the following samples: SSHS-IRM5A2-DUP4 (180-147901-11) and SSHS-IRM5A2-SCV22-0-0.5 (180-147901-19). The qualitative identification of the analyte has some degree of uncertainty. However, analyst judgment was used to positively identify the analyte.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Qualifiers

LCMS

Qualifier	Qualifier Description
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-31-23
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-30-23
Hawaii	State	<cert No.>	01-29-23
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	01-31-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-23
Ohio	State	41252	01-29-23
Oregon	NELAP	4040	01-29-23
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	01-23-23
Utah	NELAP	CA000442021-12	02-28-23
Virginia	NELAP	460278	03-14-23
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-13-22
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Solid	11/14/22 14:00	11/15/22 09:00
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Solid	11/14/22 14:20	11/15/22 09:00
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Solid	11/14/22 14:45	11/15/22 09:00
180-147901-11	SSHS-IRM5A2-DUP4	Solid	11/14/22 00:00	11/15/22 09:00
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Solid	11/14/22 15:05	11/15/22 09:00
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Solid	11/14/22 15:25	11/15/22 09:00

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV26-0-0.5 — Lab Sample ID: 180-147901-1

Date Collected: 11/14/22 14:00 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 82.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.51 g	10.0 mL	634634	11/21/22 19:10	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	635242	11/24/22 12:01	S1M	EET SAC
	Instrument ID: A18									

Client Sample ID: SSHS-IRM5A2-SCV28-0-0.5 — Lab Sample ID: 180-147901-5

Date Collected: 11/14/22 14:20 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 85.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.47 g	10.0 mL	634634	11/21/22 19:10	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	635242	11/24/22 12:11	S1M	EET SAC
	Instrument ID: A18									

Client Sample ID: SSHS-IRM5A2-SCV30-0.5-1 — Lab Sample ID: 180-147901-10

Date Collected: 11/14/22 14:45 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 85.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.04 g	10.0 mL	634634	11/21/22 19:10	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	635242	11/24/22 12:21	S1M	EET SAC
	Instrument ID: A18									

Client Sample ID: SSHS-IRM5A2-DUP4 — Lab Sample ID: 180-147901-11

Date Collected: 11/14/22 00:00 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 83.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.10 g	10.0 mL	634634	11/21/22 19:10	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	635242	11/24/22 12:31	S1M	EET SAC
	Instrument ID: A18									

Client Sample ID: SSHS-IRM5A2-SCV24-0-0.5 — Lab Sample ID: 180-147901-14

Date Collected: 11/14/22 15:05 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 87.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.33 g	10.0 mL	634634	11/21/22 19:10	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	635242	11/24/22 12:41	S1M	EET SAC
	Instrument ID: A18									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5 **Lab Sample ID: 180-147901-19**
Date Collected: 11/14/22 15:25 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 83.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.40 g	10.0 mL	634634	11/21/22 19:10	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	635242	11/24/22 13:12	S1M	EET SAC
	Instrument ID: A18									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Prep

AM = Andrew Martin

Batch Type: Analysis

S1M = Sudarat Mongkol

Client Sample ID: SSHS-IRM5A2-SCV26-0-0.5 Lab Sample ID: 180-147901-1

Date Collected: 11/14/22 14:00 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 82.0**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.55**		0.22	0.051	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluoropentanoic acid (PFPeA)	**0.17**	**J**	0.22	0.045	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluorohexanoic acid (PFHxA)	**0.11**	**J**	0.22	0.034	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluoroheptanoic acid (PFHpA)	**0.17**	**J**	0.22	0.042	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluorooctanoic acid (PFOA)	**0.31**		0.22	0.059	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluorononanoic acid (PFNA)	**0.22**		0.22	0.024	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluorodecanoic acid (PFDA)	**0.14**	**J**	0.22	0.053	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluoroundecanoic acid (PFUnA)	**0.12**	**J**	0.22	0.046	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluorododecanoic acid (PFDoA)	**0.055**	**J**	0.22	0.033	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluorotridecanoic acid (PFTriA)	**0.053**	**J**	0.22	0.023	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.042	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.054	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluorooctanesulfonic acid (PFOS)	**0.70**		0.22	0.048	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.058	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.037	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.025	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.053	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
6:2 FTS	ND		0.22	0.030	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1
8:2 FTS	ND		0.22	0.039	ug/Kg	☼	11/21/22 19:10	11/24/22 12:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*38*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
13C5 PFPeA	*66*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
13C2 PFHxA	*77*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
13C4 PFHpA	*77*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
13C4 PFOA	*74*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
13C5 PFNA	*91*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
13C2 PFDA	*85*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
13C2 PFUnA	*84*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
13C2 PFDoA	*78*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
13C2 PFTeDA	*80*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
13C3 PFBS	*72*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
18O2 PFHxS	*77*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
13C4 PFOS	*85*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
13C8 FOSA	*84*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
d3-NMeFOSAA	*67*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
d5-NEtFOSAA	*68*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
M2-6:2 FTS	*86*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*
M2-8:2 FTS	*101*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:01*	*1*

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV28-0-0.5 **Lab Sample ID: 180-147901-5**
Date Collected: 11/14/22 14:20 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.4**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.24**		0.21	0.049	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluoropentanoic acid (PFPeA)	**0.072**	**J**	0.21	0.044	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluorohexanoic acid (PFHxA)	**0.054**	**J**	0.21	0.033	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluoroheptanoic acid (PFHpA)	**0.077**	**J**	0.21	0.041	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluorooctanoic acid (PFOA)	**0.24**		0.21	0.057	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluorononanoic acid (PFNA)	**0.21**		0.21	0.024	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.21	0.051	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluoroundecanoic acid (PFUnA)	**0.092**	**J**	0.21	0.045	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluorododecanoic acid (PFDoA)	**0.040**	**J**	0.21	0.032	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluorotridecanoic acid (PFTriA)	**0.030**	**J**	0.21	0.022	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.040	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.041	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.031	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.052	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluorooctanesulfonic acid (PFOS)	**0.54**		0.21	0.046	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.056	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.035	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.025	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.051	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
6:2 FTS	ND		0.21	0.029	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1
8:2 FTS	ND		0.21	0.037	ug/Kg	☼	11/21/22 19:10	11/24/22 12:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*57*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
13C5 PFPeA	*70*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
13C2 PFHxA	*79*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
13C4 PFHpA	*78*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
13C4 PFOA	*79*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
13C5 PFNA	*91*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
13C2 PFDA	*89*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
13C2 PFUnA	*81*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
13C2 PFDoA	*80*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
13C2 PFTeDA	*80*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
13C3 PFBS	*71*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
18O2 PFHxS	*75*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
13C4 PFOS	*82*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
13C8 FOSA	*85*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
d3-NMeFOSAA	*64*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
d5-NEtFOSAA	*68*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
M2-6:2 FTS	*89*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*
M2-8:2 FTS	*88*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:11*	*1*

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV30-0.5-1 **Lab Sample ID: 180-147901-10**
Date Collected: 11/14/22 14:45 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 85.4**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.083**	**J**	0.23	0.053	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluoropentanoic acid (PFPeA)	ND		0.23	0.048	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluorohexanoic acid (PFHxA)	ND		0.23	0.036	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluoroheptanoic acid (PFHpA)	ND		0.23	0.044	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluorooctanoic acid (PFOA)	**0.088**	**J**	0.23	0.062	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluorononanoic acid (PFNA)	**0.086**	**J**	0.23	0.026	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluorodecanoic acid (PFDA)	ND		0.23	0.056	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluoroundecanoic acid (PFUnA)	ND		0.23	0.049	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluorododecanoic acid (PFDoA)	ND		0.23	0.035	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluorotridecanoic acid (PFTriA)	ND		0.23	0.024	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.23	0.043	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.23	0.044	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.23	0.034	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.23	0.057	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluorooctanesulfonic acid (PFOS)	**0.44**		0.23	0.050	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.23	0.060	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
Perfluorooctanesulfonamide (FOSA)	ND		0.23	0.038	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.23	0.027	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.23	0.056	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
6:2 FTS	ND		0.23	0.031	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1
8:2 FTS	ND		0.23	0.041	ug/Kg	☼	11/21/22 19:10	11/24/22 12:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*53*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
13C5 PFPeA	*63*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
13C2 PFHxA	*71*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
13C4 PFHpA	*72*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
13C4 PFOA	*72*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
13C5 PFNA	*86*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
13C2 PFDA	*83*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
13C2 PFUnA	*77*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
13C2 PFDoA	*71*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
13C2 PFTeDA	*68*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
13C3 PFBS	*67*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
18O2 PFHxS	*72*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
13C4 PFOS	*77*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
13C8 FOSA	*82*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
d3-NMeFOSAA	*64*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
d5-NEtFOSAA	*68*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
M2-6:2 FTS	*93*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*
M2-8:2 FTS	*111*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:21*	*1*

Client Sample ID: SSHS-IRM5A2-DUP4 — Lab Sample ID: 180-147901-11

Date Collected: 11/14/22 00:00 — **Matrix: Solid**
Date Received: 11/15/22 09:00 — **Percent Solids: 83.4**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.19**	**J**	0.24	0.054	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluoropentanoic acid (PFPeA)	ND		0.24	0.048	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluorohexanoic acid (PFHxA)	**0.040**	**J I**	0.24	0.036	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluoroheptanoic acid (PFHpA)	ND		0.24	0.045	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluorooctanoic acid (PFOA)	**0.11**	**J**	0.24	0.062	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluorononanoic acid (PFNA)	**0.089**	**J**	0.24	0.026	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluorodecanoic acid (PFDA)	ND		0.24	0.056	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluoroundecanoic acid (PFUnA)	ND		0.24	0.049	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluorododecanoic acid (PFDoA)	ND		0.24	0.035	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluorotridecanoic acid (PFTriA)	ND		0.24	0.025	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.24	0.043	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.24	0.045	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.24	0.034	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.24	0.058	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluorooctanesulfonic acid (PFOS)	**0.49**		0.24	0.051	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.24	0.061	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
Perfluorooctanesulfonamide (FOSA)	ND		0.24	0.039	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.24	0.027	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.24	0.056	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
6:2 FTS	ND		0.24	0.032	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1
8:2 FTS	ND		0.24	0.041	ug/Kg	☼	11/21/22 19:10	11/24/22 12:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*52*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
13C5 PFPeA	*60*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
13C2 PFHxA	*68*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
13C4 PFHpA	*69*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
13C4 PFOA	*70*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
13C5 PFNA	*81*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
13C2 PFDA	*78*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
13C2 PFUnA	*71*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
13C2 PFDoA	*68*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
13C2 PFTeDA	*63*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
13C3 PFBS	*64*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
18O2 PFHxS	*69*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
13C4 PFOS	*77*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
13C8 FOSA	*77*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
d3-NMeFOSAA	*64*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
d5-NEtFOSAA	*68*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
M2-6:2 FTS	*100*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*
M2-8:2 FTS	*128*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:31*	*1*

Client Sample ID: SSHS-IRM5A2-SCV24-0-0.5 Lab Sample ID: 180-147901-14

Date Collected: 11/14/22 15:05 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 87.9**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.12**	**J**	0.21	0.049	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluoropentanoic acid (PFPeA)	**0.091**	**J**	0.21	0.044	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluorohexanoic acid (PFHxA)	**0.066**	**J**	0.21	0.033	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluoroheptanoic acid (PFHpA)	**0.070**	**J**	0.21	0.041	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluorooctanoic acid (PFOA)	**0.27**		0.21	0.057	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluorononanoic acid (PFNA)	**0.15**	**J**	0.21	0.023	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluorodecanoic acid (PFDA)	**0.063**	**J**	0.21	0.051	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluoroundecanoic acid (PFUnA)	**0.058**	**J**	0.21	0.045	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluorododecanoic acid (PFDoA)	ND		0.21	0.032	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluorotridecanoic acid (PFTriA)	ND		0.21	0.022	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.039	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.041	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.031	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.052	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluorooctanesulfonic acid (PFOS)	**0.68**		0.21	0.046	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.056	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.035	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.025	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.051	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
6:2 FTS	ND		0.21	0.029	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1
8:2 FTS	ND		0.21	0.037	ug/Kg	☼	11/21/22 19:10	11/24/22 12:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*56*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
13C5 PFPeA	*65*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
13C2 PFHxA	*73*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
13C4 PFHpA	*78*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
13C4 PFOA	*78*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
13C5 PFNA	*90*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
13C2 PFDA	*85*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
13C2 PFUnA	*80*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
13C2 PFDoA	*77*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
13C2 PFTeDA	*76*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
13C3 PFBS	*71*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
18O2 PFHxS	*73*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
13C4 PFOS	*82*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
13C8 FOSA	*84*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
d3-NMeFOSAA	*61*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
d5-NEtFOSAA	*66*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
M2-6:2 FTS	*79*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*
M2-8:2 FTS	*94*		*25 - 150*	*11/21/22 19:10*	*11/24/22 12:41*	*1*

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5 **Lab Sample ID: 180-147901-19**
Date Collected: 11/14/22 15:25 **Matrix: Solid**
Date Received: 11/15/22 09:00 **Percent Solids: 83.0**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.075**	**J**	0.22	0.051	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluoropentanoic acid (PFPeA)	**0.078**	**J**	0.22	0.046	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluorohexanoic acid (PFHxA)	**0.075**	**J**	0.22	0.035	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluoroheptanoic acid (PFHpA)	**0.050**	**J**	0.22	0.042	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluorooctanoic acid (PFOA)	**0.10**	**J**	0.22	0.059	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluorononanoic acid (PFNA)	**0.037**	**J**	0.22	0.025	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluorodecanoic acid (PFDA)	ND		0.22	0.054	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluoroundecanoic acid (PFUnA)	ND		0.22	0.047	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluorododecanoic acid (PFDoA)	ND		0.22	0.033	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluorotridecanoic acid (PFTriA)	ND		0.22	0.023	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.042	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.055	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluorooctanesulfonic acid (PFOS)	**0.17**	**J I**	0.22	0.048	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.058	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.037	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.026	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.054	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
6:2 FTS	ND		0.22	0.030	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1
8:2 FTS	ND		0.22	0.039	ug/Kg	☼	11/21/22 19:10	11/24/22 13:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*56*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
13C5 PFPeA	*62*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
13C2 PFHxA	*71*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
13C4 PFHpA	*74*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
13C4 PFOA	*75*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
13C5 PFNA	*88*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
13C2 PFDA	*75*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
13C2 PFUnA	*72*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
13C2 PFDoA	*74*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
13C2 PFTeDA	*73*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
13C3 PFBS	*67*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
18O2 PFHxS	*70*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
13C4 PFOS	*76*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
13C8 FOSA	*80*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
d3-NMeFOSAA	*55*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
d5-NEtFOSAA	*59*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
M2-6:2 FTS	*73*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*
M2-8:2 FTS	*90*		*25 - 150*	*11/21/22 19:10*	*11/24/22 13:12*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-634634/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 634736 **Prep Batch: 634634**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
6:2 FTS	ND		0.20	0.027	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
8:2 FTS	ND		0.20	0.035	ug/Kg		11/21/22 19:10	11/22/22 10:06	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*64*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C5 PFPeA	*84*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C2 PFHxA	*91*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C4 PFHpA	*86*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C4 PFOA	*86*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C5 PFNA	*96*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C2 PFDA	*86*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C2 PFUnA	*89*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C2 PFDoA	*90*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C2 PFTeDA	*93*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C3 PFBS	*89*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
18O2 PFHxS	*88*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C4 PFOS	*90*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C8 FOSA	*97*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
d3-NMeFOSAA	*69*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
d5-NEtFOSAA	*75*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
M2-6:2 FTS	*77*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
M2-8:2 FTS	*85*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-634634/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 634736 **Prep Batch: 634634**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	2.28		ug/Kg		114	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	2.07		ug/Kg		103	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	1.89		ug/Kg		95	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.23		ug/Kg		111	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.28		ug/Kg		114	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.07		ug/Kg		104	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	2.13		ug/Kg		107	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.01		ug/Kg		100	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.13		ug/Kg		106	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	2.15		ug/Kg		108	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.05		ug/Kg		102	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.76		ug/Kg		99	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.81		ug/Kg		99	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.66		ug/Kg		87	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	1.71		ug/Kg		92	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	1.90		ug/Kg		98	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.03		ug/Kg		101	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.11		ug/Kg		106	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.10		ug/Kg		105	72 - 132
6:2 FTS	1.90	1.96		ug/Kg		103	73 - 139
8:2 FTS	1.92	1.97		ug/Kg		103	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*56*		*25 - 150*
13C5 PFPeA	*77*		*25 - 150*
13C2 PFHxA	*81*		*25 - 150*
13C4 PFHpA	*77*		*25 - 150*
13C4 PFOA	*78*		*25 - 150*
13C5 PFNA	*85*		*25 - 150*
13C2 PFDA	*80*		*25 - 150*
13C2 PFUnA	*86*		*25 - 150*
13C2 PFDoA	*84*		*25 - 150*
13C2 PFTeDA	*83*		*25 - 150*
13C3 PFBS	*83*		*25 - 150*
18O2 PFHxS	*80*		*25 - 150*
13C4 PFOS	*92*		*25 - 150*
13C8 FOSA	*88*		*25 - 150*
d3-NMeFOSAA	*62*		*25 - 150*
d5-NEtFOSAA	*69*		*25 - 150*

Client: Geosyntec Consultants, Inc. Job ID: 180-147901-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-634634/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 634736 **Prep Batch: 634634**

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	64		25 - 150
M2-8:2 FTS	75		25 - 150

Lab Sample ID: 180-147901-19 MS **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 635242 **Prep Batch: 634634**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.075	J	2.34	2.39		ug/Kg	☼	99	76 - 136
Perfluoropentanoic acid (PFPeA)	0.078	J	2.34	2.54		ug/Kg	☼	105	69 - 129
Perfluorohexanoic acid (PFHxA)	0.075	J	2.34	1.99		ug/Kg	☼	82	71 - 131
Perfluoroheptanoic acid (PFHpA)	0.050	J	2.34	2.44		ug/Kg	☼	102	71 - 131
Perfluorooctanoic acid (PFOA)	0.10	J	2.34	2.51		ug/Kg	☼	103	72 - 132
Perfluorononanoic acid (PFNA)	0.037	J	2.34	2.54		ug/Kg	☼	107	73 - 133
Perfluorodecanoic acid (PFDA)	ND		2.34	2.39		ug/Kg	☼	102	72 - 132
Perfluoroundecanoic acid (PFUnA)	ND		2.34	2.44		ug/Kg	☼	104	66 - 126
Perfluorododecanoic acid (PFDoA)	ND		2.34	2.43		ug/Kg	☼	104	71 - 131
Perfluorotridecanoic acid (PFTriA)	ND		2.34	2.46		ug/Kg	☼	105	71 - 131
Perfluorotetradecanoic acid (PFTeA)	ND		2.34	2.27		ug/Kg	☼	97	67 - 127
Perfluorobutanesulfonic acid (PFBS)	ND		2.08	2.05		ug/Kg	☼	98	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	ND		2.14	2.17		ug/Kg	☼	102	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.24	2.35		ug/Kg	☼	105	76 - 136
Perfluorooctanesulfonic acid (PFOS)	0.17	J I	2.18	2.37		ug/Kg	☼	101	68 - 141
Perfluorodecanesulfonic acid (PFDS)	ND		2.26	1.99		ug/Kg	☼	88	71 - 131
Perfluorooctanesulfonamide (FOSA)	ND		2.34	2.42		ug/Kg	☼	103	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.34	2.43		ug/Kg	☼	104	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.34	2.57		ug/Kg	☼	110	72 - 132
6:2 FTS	ND		2.23	2.17		ug/Kg	☼	97	73 - 139
8:2 FTS	ND		2.25	2.40		ug/Kg	☼	106	75 - 135

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	41		25 - 150
13C5 PFPeA	69		25 - 150
13C2 PFHxA	85		25 - 150
13C4 PFHpA	79		25 - 150
13C4 PFOA	80		25 - 150
13C5 PFNA	87		25 - 150
13C2 PFDA	76		25 - 150
13C2 PFUnA	78		25 - 150
13C2 PFDoA	80		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-147901-19 MS **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 635242 **Prep Batch: 634634**

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2 PFTeDA	79		25 - 150
13C3 PFBS	70		25 - 150
18O2 PFHxS	76		25 - 150
13C4 PFOS	78		25 - 150
13C8 FOSA	70		25 - 150
d3-NMeFOSAA	58		25 - 150
d5-NEtFOSAA	63		25 - 150
M2-6:2 FTS	83		25 - 150
M2-8:2 FTS	80		25 - 150

Lab Sample ID: 180-147901-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 635242 **Prep Batch: 634634**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.075	J	2.40	2.40		ug/Kg	☼	97	76 - 136	1	30
Perfluoropentanoic acid (PFPeA)	0.078	J	2.40	2.69		ug/Kg	☼	109	69 - 129	6	30
Perfluorohexanoic acid (PFHxA)	0.075	J	2.40	2.36		ug/Kg	☼	95	71 - 131	17	30
Perfluoroheptanoic acid (PFHpA)	0.050	J	2.40	2.50		ug/Kg	☼	102	71 - 131	3	30
Perfluorooctanoic acid (PFOA)	0.10	J	2.40	2.52		ug/Kg	☼	101	72 - 132	0	30
Perfluorononanoic acid (PFNA)	0.037	J	2.40	2.62		ug/Kg	☼	108	73 - 133	3	30
Perfluorodecanoic acid (PFDA)	ND		2.40	2.41		ug/Kg	☼	100	72 - 132	1	30
Perfluoroundecanoic acid (PFUnA)	ND		2.40	2.38		ug/Kg	☼	99	66 - 126	2	30
Perfluorododecanoic acid (PFDoA)	ND		2.40	2.56		ug/Kg	☼	107	71 - 131	5	30
Perfluorotridecanoic acid (PFTriA)	ND		2.40	2.57		ug/Kg	☼	107	71 - 131	4	30
Perfluorotetradecanoic acid (PFTeA)	ND		2.40	2.34		ug/Kg	☼	98	67 - 127	3	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.13	2.28		ug/Kg	☼	107	69 - 129	11	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.19	2.24		ug/Kg	☼	102	62 - 122	3	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.29	2.45		ug/Kg	☼	107	76 - 136	4	30
Perfluorooctanesulfonic acid (PFOS)	0.17	J I	2.23	2.39		ug/Kg	☼	100	68 - 141	1	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.31	2.35		ug/Kg	☼	102	71 - 131	17	30
Perfluorooctanesulfonamide (FOSA)	ND		2.40	2.46		ug/Kg	☼	103	77 - 137	2	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.40	2.61		ug/Kg	☼	109	72 - 132	7	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.40	2.47		ug/Kg	☼	103	72 - 132	4	30
6:2 FTS	ND		2.29	2.33		ug/Kg	☼	102	73 - 139	8	30
8:2 FTS	ND		2.30	2.29		ug/Kg	☼	99	75 - 135	5	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFBA	52		25 - 150
13C5 PFPeA	69		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-147901-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV22-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 635242 **Prep Batch: 634634**

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C2 PFHxA	75		25 - 150
13C4 PFHpA	80		25 - 150
13C4 PFOA	80		25 - 150
13C5 PFNA	80		25 - 150
13C2 PFDA	77		25 - 150
13C2 PFUnA	80		25 - 150
13C2 PFDoA	81		25 - 150
13C2 PFTeDA	81		25 - 150
13C3 PFBS	72		25 - 150
18O2 PFHxS	77		25 - 150
13C4 PFOS	74		25 - 150
13C8 FOSA	73		25 - 150
d3-NMeFOSAA	63		25 - 150
d5-NEtFOSAA	67		25 - 150
M2-6:2 FTS	83		25 - 150
M2-8:2 FTS	87		25 - 150

LCMS

Prep Batch: 634634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	SHAKE	
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	SHAKE	
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	SHAKE	
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	SHAKE	
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	SHAKE	
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	SHAKE	
MB 320-634634/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-634634/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	SHAKE	
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	SHAKE	

Analysis Batch: 634736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-634634/1-A	Method Blank	Total/NA	Solid	537 (modified)	634634
LCS 320-634634/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	634634

Analysis Batch: 635242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147901-1	SSHS-IRM5A2-SCV26-0-0.5	Total/NA	Solid	537 (modified)	634634
180-147901-5	SSHS-IRM5A2-SCV28-0-0.5	Total/NA	Solid	537 (modified)	634634
180-147901-10	SSHS-IRM5A2-SCV30-0.5-1	Total/NA	Solid	537 (modified)	634634
180-147901-11	SSHS-IRM5A2-DUP4	Total/NA	Solid	537 (modified)	634634
180-147901-14	SSHS-IRM5A2-SCV24-0-0.5	Total/NA	Solid	537 (modified)	634634
180-147901-19	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	537 (modified)	634634
180-147901-19 MS	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	537 (modified)	634634
180-147901-19 MSD	SSHS-IRM5A2-SCV22-0-0.5	Total/NA	Solid	537 (modified)	634634

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No.: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV26-0-0.5	11/14/22	1400	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV26-0 5-1	11/14/22	1405	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV27-0-0.5	11/14/22	1410	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV27-0.5-1	11/14/22	1415	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV28-0-0.5	11/14/22	1420	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV28-0.5-1	11/14/22	1425	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV29-0-0.5	11/14/22	1430	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV29-0.5-1	11/14/22	1435	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV30-0-0 5	11/14/22	1440	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV30-0.5-1	11/14/22	1445	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV-DUP4	11/14/22		G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV25-0-0.5	11/14/22	1450	G	S	N	N	X	X	X	X									7	

180-147901 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Colin	Date/Time: 11/14	Company: Geosyntec	Received by:	Date/Time: 11-15-22 900	Company: TestAmerica
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

12/1/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s)	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV25-0.5-1	11/14/22	1455	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV24-0-0.5	11/14/22	1505	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV24-0.5-1	11/14/22	1510	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV23-0-0.5	11/14/22	1515	G	S	N	N	X	X	X	X			9	
SSHS-IRM5A2-SCV23-0.5-1	11/14/22	1520	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP5	11/14/22		G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV22-0-0.5	11/14/22	1525	G	S	N	Y	X	X	X	X	X	X	22	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 11/14	Company: Geosyntec	Received by:	Date/Time: 11-15-22 9:00	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

12/1/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

0-8 / 10-8

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N									
SSHS-IRM5A2-SCV26-0-0.5	11/14/22	1400	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV26-0.5-1	11/14/22	1405	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV27-0-0.5	11/14/22	1410	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV27-0.5-1	11/14/22	1415	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV28-0-0.5	11/14/22	1420	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV28-0.5-1	11/14/22	1425	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV29-0-0.5	11/14/22	1430	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV29-0.5-1	11/14/22	1435	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV30-0-0.5	11/14/22	1440	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV30-0.5-1	11/14/22	1445	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV-DUP4	11/14/22		G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV25-0-0.5	11/14/22	1450	G	S	N	N	X	X	X	X										7	

180-147901 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 11/14	Company: Geosyntec	Received by:	Date/Time: 11-15-22 10:00	Company:
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

12/1/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

D 8/10-8

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN08321			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E; PFAS									Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N										
SSHS-IRM5A2-SCV25-0.5-1	11/14/22	1455	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV24-0-0.5	11/14/22	1505	G	S	N	N	X	X	X	X	X	X									9	
SSHS-IRM5A2-SCV24-0.5-1	11/14/22	1510	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV23-0-0.5	11/14/22	1515	G	S	N	N	X	X	X	X											9	
SSHS-IRM5A2-SCV23-0.5-1	11/14/22	1520	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV-DUP5	11/14/22		G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV22-0-0.5	11/14/22	1525	G	S	N	Y	X	X	X	X	X	X									22	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by: Colin	Date/Time: 11/14	Company: Geosyntec	Received by: Mandaly Bla	Date/Time: 11-15-22 10:00	Company: eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

12/1/2022

Eurofins - Canton Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client GeoSynTec Site Name _____ Cooler unpacked by: Mandaly

Cooler Received on 11-14-22 Opened on 11-14-22

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # eltnc Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other Box

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
   IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp. 0.8 °C Corrected Cooler Temp. 0.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC286797
14. Were VOAs on the COC?	Yes	No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-147901 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N								
SSHS-IRM5A2-SCV26-0-0.5	11/14/22	1400	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV26-0.5-1	11/14/22	1405	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV27-0-0.5	11/14/22	1410	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV27-0.5-1	11/14/22	1415	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV28-0-0.5	11/14/22	1420	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV28-0.5-1	11/14/22	1425	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV29-0-0.5	11/14/22	1430	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV29-0.5-1	11/14/22	1435	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV30-0-0.5	11/14/22	1440	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV30-0.5-1	11/14/22	1445	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV-DUP4	11/14/22		G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV25-0-0.5	11/14/22	1450	G	S	N	N	X	X	X	X									7	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:		Method of Shipment:		
Relinquished by:	Date/Time: 11/14/22	Company: Geosyntec	Received by:	Date/Time: 11/15/22 900	Company: TSC		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		

Custody Seals Intact: ▲ Yes ▲ No | Custody Seal No.: 1903878 | Cooler Temperature(s) °C and Other Remarks: 5.2

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV25-0.5-1	11/14/22	1455	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV24-0-0.5	11/14/22	1505	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV24-0.5-1	11/14/22	1510	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV23-0-0.5	11/14/22	1515	G	S	N	N	X	X	X	X			9	
SSHS-IRM5A2-SCV23-0.5-1	11/14/22	1520	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP5	11/14/22		G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV22-0-0.5	11/14/22	1525	G	S	N	Y	X	X	X	X	X	X	22	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Colin	Date/Time: 11/14/22	Company: Geosyntec	Received by:	Date/Time: 11/15/22 900	Company: EET SAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☒ Yes ☐ No | Custody Seal No.: 1903876 | Cooler Temperature(s) °C and Other Remarks: 5.2

Ver: 01/16/2019

180-147901

eurofins Environment Testing TestAmerica

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV26-0-0.5	11/14/22	1400	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV26-0.5-1	11/14/22	1405	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV27-0-0.5	11/14/22	1410	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV27-0.5-1	11/14/22	1415	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV28-0-0.5	11/14/22	1420	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV28-0.5-1	11/14/22	1425	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV29-0-0.5	11/14/22	1430	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV29-0.5-1	11/14/22	1435	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV30-0-0.5	11/14/22	1440	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV30-0.5-1	11/14/22	1445	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV-DUP4	11/14/22		G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV25-0-0.5	11/14/22	1450	G	S	N	N	X	X	X	X			7	

180-147901 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 11/14	Company: Geosyntec	Received by: Fedex	Date/Time: 11/15/22 1030	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 10103-882	1976475	Cooler Temperature(s) °C and Other Remarks: 5.8°C	5.8°C	4.9°C 4.7°C

Ver: 01/16/2019

12/1/2022

180-147901

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV25-0.5-1	11/14/22	1455	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV24-0-0.5	11/14/22	1505	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV24-0.5-1	11/14/22	1510	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV23-0-0.5	11/14/22	1515	G	S	N	N	X	X	X	X										9	
SSHS-IRM5A2-SCV23-0.5-1	11/14/22	1520	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP5	11/14/22		G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV22-0-0.5	11/14/22	1525	G	S	N	Y	X	X	X	X	X	X								22	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Colin	Date/Time: 11/14	Company: Geosyntec	Received by: Fedex
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time	Company
11/15/22 0830	FTA
Date/Time:	Company
Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 1903882 1976475	Cooler Temperature(s) °C and Other Remarks: 5.8°C 5.8°C 4.7°C/4.7°C

Ver: 01/16/2019

12/1/2022

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 180-147903

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	5.8 °C	5.8 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	4.7 °C	4.7 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ **Date:** 11/15/22

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Sacramento Sample Receiving Notes

180-147901 Field Sheet

Tracking # : 7104 7380 3220

Job: _____

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: C11 Corr. Factor: (+ / -) _____ °C

Ice ~ Wet _____ Gel _____ Other _____

Cooler Custody Seal: 190387

Cooler ID: _____

Temp Observed: 5.2 °C Corrected: 5.2 °C

From: Temp Blank ☐ Sample ☑

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JP Date: 11/15/22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☐	☐	☑
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: LB Date: 11.15.22

Notes: Samples have the incorrect ID labels. (MS, MSD) LB 11.15.22 SSHS-[illegible]MSA2-SCW22-05-1

LB 11.15.22

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☑	☐	☐
Log Release checked in TALS?	☐	☐	☑

Initials: LB Date: 11.15.22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147901-2

Login Number: 147901
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147901-2

Login Number: 147901
List Number: 2
Creator: Simmons, Jason C

List Source: Eurofins Sacramento
List Creation: 11/15/22 04:43 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1903878
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.2c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 12/2/2022 5:59:53 PM

JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-147957-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



Generated
12/2/2022 5:59:53 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-147957-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-147957-1

Comments
Notation was made to the coc regarding containers for PFAS for sample SSHS-IRM5A2-SCV11-0.5-1 (180-147957-1) not being received at the Sacramento laboratory and therefore the PFAS analysis was cancelled; and additional volume for MS/MSD on sample SSHS-IRM5A2-SCV6-0-0.5 (180-147957-10) received but not listed on the coc.

Receipt
The samples were received on 11/16/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 0.6º C, 0.9º C, 0.9º C, 1.4º C, 3.6º C, 3.7º C and 4.2º C.

GC/MS VOA
Method 8260D: The internal standard (ISTD) response of 1,4-dichlorobenzene-d4 was below criteria for the following samples: SSHS-IRM5A2-SCV1-0-0.5 (180-147957-15) and SSHS-IRM5A2-SCV-DUP9 (180-147957-16). The samples were re-analyzed and again had the internal standard below criteria. Results of one analysis were reported for each sample. Sample SSHS-IRM5A2-SCV-DUP9 (180-147957-16) also had the recovery surrogate Toluene-d8 above the control limits in both the original and re-analysis.

Method 8260D: The matrix spike (MS) of sample SSHS-IRM5A2-SCV6-0-0.5 (180-147957-10) had several recoveries outside of the control limits. All but one RPDs between the matrix spike/matrix spike duplicate (MS/MSD) were above the control limits. The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) was greater than 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated RPD values were obtained.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-879058 was below criteria for the following analytes: Dichlorodifluoromethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-879240 was below criteria for the following analyte: Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The laboratory control sample duplicate (LCSD) for preparation batch 460-878611 recovered above the control limits for the following analyte: 2,4-Dinitrophenol. As this analyte was biased high in the LCSD and was not detected in the associated samples, the results were reported.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878839 was below criteria for the following analyte: Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878839 was above criteria for the following analytes: 2-Nitroaniline, Indeno[1,2,3-cd]pyrene, 2,4-Dinitrophenol, Butyl benzyl phthalate, 4,6-Dinitro-2-methylphenol, Pentachlorophenol, and 2-Nitrophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878936 was below criteria for the following analyte: Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered

Job ID: 180-147957-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878936 was above criteria for the following analyte: Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8082A: Sample SSHS-IRM5A2-SCV10-0.5-1 (180-147957-3) had the recovery of surrogate decachlorobiphenyl below the control limits on column RTX-CLP2. The recovery on column RTX-CLP1 and the recoveries of tetrachloro-m-xylene were within the control limits.

Method 8082A: Sample SSHS-IRM5A2-SCV8-0.5-1 (180-147957-6) had the recovery of surrogate decachlorobiphenyl above the control limits on column RTX-CLP1. The recovery on column RTX-CLP2 and the recoveries of tetrachloro-m-xylene were within the control limits.

Method 8082A: Samples SSHS-IRM5A2-SCV4-0-0.5 (180-147957-12), SSHS-IRM5A2-SCV1-0-0.5 (180-147957-15) and SSHS-IRM5A2-SCV-DUP9 (180-147957-16) had the recoveries of surrogate decachlorobiphenyl below the control limits on both columns. The recoveries of tetrachloro-m-xylene were within the control limits.

Method 8082A: The continuing calibration verifications (CCV) analyzed in batch 180-419183 (CCVIS 180-419183/47 and CCVIS 180-419183/68) were above criteria for aroclor 1016 on both columns. As the CCVs were high and aroclor 1016 was not detected in the associated samples, the results were reported.

Method 8082A: The continuing calibration verifications (CCV) analyzed in batch 180-419183 (CCVIS 180-419183/47 and CCVIS 180-419183/68) were above criteria for aroclor 1260 on column RTX-CLP1. Associated positive sample results for aroclor 1260 were reported from column RTX-CLP2 which met criteria.

Method 8082A: The continuing calibration verifications (CCV) analyzed in batch 180-419183 (CCVIS 180-419183/47 and CCVIS 180-419183/68) were above criteria for surrogates decachlorobiphenyl and/or tetrachloro-m-xylene on both columns.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV6-0-0.5 (180-147957-10) had the recoveries of antimony and calcium below the control limits. The RPDs between the spikes and the recoveries of the laboratory control sample were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	11-30-22

Laboratory: Eurofins Canton

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	04-01-23

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Sample Summary

Client: Geosyntec Consultants, Inc.
Project/Site: Former Sperry Remington-Soil Cover Verification

Job ID: 180-147957-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Solid	11/15/22 14:30	11/16/22 09:00
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Solid	11/15/22 14:35	11/16/22 09:00
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Solid	11/15/22 14:40	11/16/22 09:00
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Solid	11/15/22 14:45	11/16/22 09:00
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Solid	11/15/22 14:50	11/16/22 09:00
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Solid	11/15/22 14:55	11/16/22 09:00
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Solid	11/15/22 00:00	11/16/22 09:00
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Solid	11/15/22 15:00	11/16/22 09:00
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Solid	11/15/22 15:05	11/16/22 09:00
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Solid	11/15/22 15:10	11/16/22 09:00
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Solid	11/15/22 15:15	11/16/22 09:00
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Solid	11/15/22 15:20	11/16/22 09:00
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Solid	11/15/22 15:25	11/16/22 09:00
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Solid	11/15/22 15:30	11/16/22 09:00
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Solid	11/15/22 15:35	11/16/22 09:00
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Solid	11/15/22 00:00	11/16/22 09:00
180-147957-17	BLANK TERRACORE 2 LOT 0110901H	Solid	11/15/22 00:00	11/16/22 09:00

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
6010D	Metals (ICP)	SW846	EET CAN
7471B	Mercury (CVAA)	SW846	EET CAN
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET CAN
3541	Automated Soxhlet Extraction	SW846	EET PIT
3546	Microwave Extraction	SW846	EET EDI
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV11-0.5-1 — Lab Sample ID: 180-147957-1

Date Collected: 11/15/22 14:30 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV11-0.5-1 — Lab Sample ID: 180-147957-1

Date Collected: 11/15/22 14:30 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 89.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.833 g	5 mL	878578	11/17/22 17:48	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879240	11/21/22 21:05	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.01 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 05:59	YAH	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.2 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 03:35	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.18 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 18:22	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.53 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 10:41	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV10-0-0.5 — Lab Sample ID: 180-147957-2

Date Collected: 11/15/22 14:35 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV10-0-0.5 — Lab Sample ID: 180-147957-2

Date Collected: 11/15/22 14:35 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.098 g	5 mL	878578	11/17/22 17:48	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/20/22 23:18	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.04 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 06:16	YAH	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV10-0-0.5 — Lab Sample ID: 180-147957-2

Date Collected: 11/15/22 14:35 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.4 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 03:54	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.32 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 18:26	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.65 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 10:49	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV10-0.5-1 — Lab Sample ID: 180-147957-3

Date Collected: 11/15/22 14:40 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV10-0.5-1 — Lab Sample ID: 180-147957-3

Date Collected: 11/15/22 14:40 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 91.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.167 g	5 mL	878578	11/17/22 17:48	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/20/22 23:42	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.01 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 06:33	YAH	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.5 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 04:51	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.11 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 18:31	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.56 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 10:55	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV9-0.5-1 — Lab Sample ID: 180-147957-4

Date Collected: 11/15/22 14:45 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV9-0.5-1 — Lab Sample ID: 180-147957-4

Date Collected: 11/15/22 14:45 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.079 g	5 mL	878578	11/17/22 17:49	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/21/22 00:07	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.01 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 06:50	YAH	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.3 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 05:10	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.03 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 18:43	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.62 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 10:57	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV8-0-0.5 — Lab Sample ID: 180-147957-5

Date Collected: 11/15/22 14:50 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV8-0-0.5 — Lab Sample ID: 180-147957-5

Date Collected: 11/15/22 14:50 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 87.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.163 g	5 mL	878578	11/17/22 17:49	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/20/22 22:53	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.08 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 08:00	YAH	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV8-0-0.5 — Lab Sample ID: 180-147957-5

Date Collected: 11/15/22 14:50 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 87.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.3 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 05:29	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.00 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 18:47	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.58 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 10:59	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV8-0.5-1 — Lab Sample ID: 180-147957-6

Date Collected: 11/15/22 14:55 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV8-0.5-1 — Lab Sample ID: 180-147957-6

Date Collected: 11/15/22 14:55 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 87.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.738 g	5 mL	878578	11/17/22 17:49	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/21/22 00:31	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.07 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 08:17	YAH	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.0 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 05:48	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.23 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 18:51	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.64 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:02	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV-DUP8 — Lab Sample ID: 180-147957-7

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP8 — Lab Sample ID: 180-147957-7

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 91.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.552 g	5 mL	878578	11/17/22 17:50	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/21/22 00:56	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.09 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 07:08	YAH	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.5 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 06:07	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.12 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 18:56	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.60 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:04	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV7-0-0.5 — Lab Sample ID: 180-147957-8

Date Collected: 11/15/22 15:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV7-0-0.5 — Lab Sample ID: 180-147957-8

Date Collected: 11/15/22 15:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 84.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.348 g	5 mL	878578	11/17/22 17:50	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/21/22 01:22	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.02 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 08:34	YAH	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV7-0-0.5 — Lab Sample ID: 180-147957-8

Date Collected: 11/15/22 15:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 84.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 06:26	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.28 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 19:00	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.55 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:06	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV7-0.5-1 — Lab Sample ID: 180-147957-9

Date Collected: 11/15/22 15:05 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV7-0.5-1 — Lab Sample ID: 180-147957-9

Date Collected: 11/15/22 15:05 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 86.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.603 g	5 mL	878578	11/17/22 17:50	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/21/22 01:46	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.04 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 07:25	YAH	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.0 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 06:45	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.36 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 19:04	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.69 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:08	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5 — Lab Sample ID: 180-147957-10

Date Collected: 11/15/22 15:10 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5 — Lab Sample ID: 180-147957-10

Date Collected: 11/15/22 15:10 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 86.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.918 g	5 mL	878578	11/17/22 17:51	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/21/22 02:11	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.03 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 05:41	YAH	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.5 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 02:38	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.08 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 18:01	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.65 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 10:34	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV5-0-0.5 — Lab Sample ID: 180-147957-11

Date Collected: 11/15/22 15:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV5-0-0.5 — Lab Sample ID: 180-147957-11

Date Collected: 11/15/22 15:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.73 g	5 mL	878578	11/17/22 17:52	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/21/22 02:35	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.03 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 08:51	YAH	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV5-0-0.5 — Lab Sample ID: 180-147957-11

Date Collected: 11/15/22 15:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 07:04	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.12 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 19:09	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.59 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:10	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV4-0-0.5 — Lab Sample ID: 180-147957-12

Date Collected: 11/15/22 15:20 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV4-0-0.5 — Lab Sample ID: 180-147957-12

Date Collected: 11/15/22 15:20 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.973 g	5 mL	878578	11/17/22 17:52	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/21/22 03:01	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.01 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 09:09	YAH	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.3 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 07:23	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.08 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 19:13	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.70 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:12	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV3-0-0.5 Lab Sample ID: 180-147957-13

Date Collected: 11/15/22 15:25 **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV3-0-0.5 Lab Sample ID: 180-147957-13

Date Collected: 11/15/22 15:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 88.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.918 g	5 mL	878578	11/17/22 17:53	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/21/22 03:26	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.06 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	878839	11/19/22 09:43	YAH	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.3 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 07:42	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.15 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 19:17	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.60 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:14	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV2-0-0.5 Lab Sample ID: 180-147957-14

Date Collected: 11/15/22 15:30 **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV2-0-0.5 Lab Sample ID: 180-147957-14

Date Collected: 11/15/22 15:30 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2.463 g	5 mL	878578	11/17/22 17:53	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/21/22 03:50	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.02 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878936	11/20/22 00:09	YAH	EET EDI
	Instrument ID: CBNAMS11									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV2-0-0.5 Lab Sample ID: 180-147957-14

Date Collected: 11/15/22 15:30 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.5 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 08:01	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.05 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 19:22	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.57 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:21	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV1-0-0.5 Lab Sample ID: 180-147957-15

Date Collected: 11/15/22 15:35 **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV1-0-0.5 Lab Sample ID: 180-147957-15

Date Collected: 11/15/22 15:35 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 77.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.21 g	5 mL	878578	11/17/22 17:53	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/21/22 04:15	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.05 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878936	11/20/22 00:55	YAH	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.5 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 08:20	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.04 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 19:34	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.60 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:23	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV-DUP9 — Lab Sample ID: 180-147957-16

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878542	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP9 — Lab Sample ID: 180-147957-16

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 81.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.577 g	5 mL	878578	11/17/22 17:54	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879240	11/21/22 22:20	AAT	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.05 g	1 mL	878611	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878936	11/20/22 00:32	YAH	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.2 g	20.0 mL	418616	11/18/22 10:19	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418707	11/19/22 05:31	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418708	11/19/22 05:32	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 08:39	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.04 g	100 mL	552309	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 19:38	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.54 g	100 mL	552312	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:25	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: BLANK TERRACORE 2 LOT 0110901H — Lab Sample ID: 180-147957-17

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5 g	5 mL	878578	11/17/22 17:54	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879058	11/21/22 05:04	AAT	EET EDI
	Instrument ID: CVOAMS2									

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Analyst References:

Lab: EET CAN
- Batch Type: Prep
  - DEE = Dale Elshaw
- Batch Type: Analysis
  - DSH = David Heakin
  - KLC = Karen Counts

Lab: EET EDI
- Batch Type: Prep
  - GXY = Gopichand Yallabandi
  - JJC = Jordan Cho
- Batch Type: Analysis
  - AAT = Audberto Tupayachi
  - CJC = Claudia Cho
  - YAH = Yahia Hamzi

Lab: EET PIT
- Batch Type: Cleanup
  - JMO = John Oravec
- Batch Type: Prep
  - AAS = Arianna Swick
- Batch Type: Analysis
  - JMO = John Oravec

Client: Geosyntec Consultants, Inc.
Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV11-0.5-1
Lab Sample ID: 180-147957-1
Date Collected: 11/15/22 14:30
Matrix: Solid
Date Received: 11/16/22 09:00
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4.9	4.7	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Benzene	ND		0.82	0.21	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Bromoform	ND		0.82	0.35	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Bromomethane	ND		1.6	0.82	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
2-Butanone (MEK)	ND		4.1	0.30	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Carbon disulfide	ND		0.82	0.22	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Carbon tetrachloride	ND		0.82	0.32	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Chlorobenzene	ND		0.82	0.14	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Chlorobromomethane	ND		0.82	0.23	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Chlorodibromomethane	ND		0.82	0.16	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Chloroethane	ND		0.82	0.43	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Chloroform	ND		0.82	0.79	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Chloromethane	ND		0.82	0.36	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
cis-1,2-Dichloroethene	ND		0.82	0.29	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
cis-1,3-Dichloropropene	ND		0.82	0.22	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Cyclohexane	ND		0.82	0.18	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,2-Dibromo-3-Chloropropane	ND		0.82	0.38	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,2-Dibromoethane	ND		0.82	0.15	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,2-Dichlorobenzene	ND		0.82	0.29	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,3-Dichlorobenzene	ND		0.82	0.30	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,4-Dichlorobenzene	ND		0.82	0.18	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Dichlorobromomethane	ND		0.82	0.21	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Dichlorodifluoromethane	ND		0.82	0.28	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,1-Dichloroethane	ND		0.82	0.17	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,2-Dichloroethane	ND		0.82	0.24	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,1-Dichloroethene	ND		0.82	0.18	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,2-Dichloroethene, Total	ND		1.6	0.31	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,2-Dichloropropane	ND		0.82	0.35	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,4-Dioxane	ND		82	7.5	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Ethylbenzene	ND		0.82	0.16	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
2-Hexanone	ND		4.1	1.4	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Isopropylbenzene	ND		0.82	0.23	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Methyl acetate	ND		4.1	3.5	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Methylcyclohexane	ND		0.82	0.41	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Methylene Chloride	ND		1.6	0.93	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
4-Methyl-2-pentanone (MIBK)	ND		4.1	1.3	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Methyl tert-butyl ether	ND		0.82	0.42	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
m-Xylene & p-Xylene	ND		0.82	0.14	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
o-Xylene	ND		0.82	0.16	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Styrene	ND		0.82	0.23	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,1,2,2-Tetrachloroethane	ND		0.82	0.17	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Tetrachloroethene	ND		0.82	0.25	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Toluene	ND		0.82	0.19	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
trans-1,2-Dichloroethene	ND		0.82	0.20	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
trans-1,3-Dichloropropene	ND		0.82	0.22	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,2,3-Trichlorobenzene	ND		0.82	0.15	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,2,4-Trichlorobenzene	ND		0.82	0.29	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,1,1-Trichloroethane	ND		0.82	0.19	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,1,2-Trichloroethane	ND		0.82	0.15	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1

Client Sample ID: SSHS-IRM5A2-SCV11-0.5-1 **Lab Sample ID: 180-147957-1**
Date Collected: 11/15/22 14:30 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 89.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.82	0.26	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Trichlorofluoromethane	ND		0.82	0.33	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.82	0.25	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Vinyl chloride	ND		0.82	0.45	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1
Xylenes, Total	ND		1.6	0.14	ug/Kg	☼	11/17/22 17:48	11/21/22 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*75 - 139*	*11/17/22 17:48*	*11/21/22 21:05*	*1*
Dibromofluoromethane (Surr)	*97*		*73 - 139*	*11/17/22 17:48*	*11/21/22 21:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*	*11/17/22 17:48*	*11/21/22 21:05*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*	*11/17/22 17:48*	*11/21/22 21:05*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	11	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Acenaphthylene	**17**	**J**	370	11	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Acetophenone	ND		370	18	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Anthracene	**13**	**J**	370	11	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Atrazine	ND		150	22	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Benzaldehyde	ND		370	61	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Benzo[a]anthracene	**67**		37	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Benzo[a]pyrene	**60**		37	9.8	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Benzo[b]fluoranthene	**87**		37	9.5	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Benzo[g,h,i]perylene	**43**	**J**	370	11	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Benzo[k]fluoranthene	**30**	**J**	37	7.2	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Bis(2-ethylhexyl) phthalate	ND		370	20	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Butyl benzyl phthalate	ND		370	17	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Caprolactam	ND		370	57	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Carbazole	ND		370	14	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
4-Chloroaniline	ND		370	65	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Chrysene	**76**	**J**	370	6.2	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Dibenz(a,h)anthracene	ND		37	16	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Dibenzofuran	ND		370	12	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
3,3'-Dichlorobenzidine	ND		150	56	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2,4-Dimethylphenol	ND		370	44	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Dimethyl phthalate	ND		370	84	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Di-n-butyl phthalate	**25**	**J**	370	14	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2,4-Dinitrophenol	ND	*+	300	180	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2,4-Dinitrotoluene	ND		75	40	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1

Client Sample ID: SSHS-IRM5A2-SCV11-0.5-1 Lab Sample ID: 180-147957-1

Date Collected: 11/15/22 14:30 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 89.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		75	27	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Di-n-octyl phthalate	ND		370	20	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
1,4-Dioxane	ND		37	32	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Fluoranthene	**130**	**J**	370	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Fluorene	ND		370	11	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Hexachlorobenzene	ND		37	18	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Hexachlorobutadiene	ND		75	7.8	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Hexachlorocyclopentadiene	ND		370	32	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Indeno[1,2,3-cd]pyrene	**50**		37	14	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2-Methylnaphthalene	**11**	**J**	370	10	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Methylphenol, 3 & 4	ND		370	23	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Naphthalene	**17**	**J**	370	6.4	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
3-Nitroaniline	ND		370	88	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
4-Nitroaniline	ND		370	42	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Nitrobenzene	ND		37	20	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2-Nitrophenol	ND		370	37	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
4-Nitrophenol	ND		750	60	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
N-Nitrosodiphenylamine	ND		370	30	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2,2'-oxybis[1-chloropropane]	ND		370	6.7	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Pentachlorophenol	ND		300	76	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Phenanthrene	**82**	**J**	370	6.5	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Phenol	ND		370	14	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
Pyrene	**130**	**J**	370	9.2	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
1,2,4,5-Tetrachlorobenzene	ND		370	11	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2,4,5-Trichlorophenol	ND		370	38	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/17/22 22:33	11/19/22 05:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*22 - 122*	*11/17/22 22:33*	*11/19/22 05:59*	*1*
2-Fluorophenol (Surr)	*76*		*18 - 123*	*11/17/22 22:33*	*11/19/22 05:59*	*1*
Nitrobenzene-d5 (Surr)	*87*		*16 - 125*	*11/17/22 22:33*	*11/19/22 05:59*	*1*
Phenol-d5 (Surr)	*78*		*23 - 120*	*11/17/22 22:33*	*11/19/22 05:59*	*1*
Terphenyl-d14 (Surr)	*94*		*25 - 126*	*11/17/22 22:33*	*11/19/22 05:59*	*1*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 123*	*11/17/22 22:33*	*11/19/22 05:59*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	11/18/22 10:19	11/29/22 03:35	1
PCB-1221	ND		18	6.5	ug/Kg	☼	11/18/22 10:19	11/29/22 03:35	1
PCB-1232	ND		18	4.5	ug/Kg	☼	11/18/22 10:19	11/29/22 03:35	1
PCB-1242	ND		18	2.7	ug/Kg	☼	11/18/22 10:19	11/29/22 03:35	1
PCB-1248	ND		18	4.4	ug/Kg	☼	11/18/22 10:19	11/29/22 03:35	1
PCB-1254	ND		18	5.5	ug/Kg	☼	11/18/22 10:19	11/29/22 03:35	1
PCB-1260	ND		18	5.2	ug/Kg	☼	11/18/22 10:19	11/29/22 03:35	1

Client Sample ID: SSHS-IRM5A2-SCV11-0.5-1 — Lab Sample ID: 180-147957-1

Date Collected: 11/15/22 14:30 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 89.6**

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		18	6.5	ug/Kg	☼	11/18/22 10:19	11/29/22 03:35	1
PCB-1268	ND		18	2.5	ug/Kg	☼	11/18/22 10:19	11/29/22 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*	*11/18/22 10:19*	*11/29/22 03:35*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*63 - 138*	*11/18/22 10:19*	*11/29/22 03:35*	*1*
Tetrachloro-m-xylene (Surr)	*69*		*55 - 135*	*11/18/22 10:19*	*11/29/22 03:35*	*1*
Tetrachloro-m-xylene (Surr)	*68*		*55 - 135*	*11/18/22 10:19*	*11/29/22 03:35*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7600**		19	5.0	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Antimony	ND		1.9	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Arsenic	**5.5**		1.4	0.30	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Barium	**74**		19	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Beryllium	**0.39**	**J**	0.47	0.051	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Cadmium	**0.14**	**J**	0.47	0.045	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Calcium	**4400**		470	34	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Chromium	**9.8**		0.95	0.32	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Cobalt	**7.3**		0.95	0.19	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Copper	**14**		2.4	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Iron	**16000**		19	6.6	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Lead	**21**		0.95	0.27	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Magnesium	**2200**		470	44	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Manganese	**420**		1.4	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Nickel	**17**		3.8	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Potassium	**840**		470	75	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Selenium	ND		1.9	0.44	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Silver	ND		0.95	0.077	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Sodium	ND		470	59	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Thallium	ND		1.9	0.38	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Vanadium	**11**		4.7	0.78	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1
Zinc	**68**		4.7	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 18:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.037**	**J**	0.13	0.023	mg/Kg	☼	11/16/22 15:00	11/17/22 10:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	**89.6**		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV10-0-0.5 — Lab Sample ID: 180-147957-2

Date Collected: 11/15/22 14:35 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.8	5.5	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Benzene	ND		0.96	0.25	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV10-0-0.5
Lab Sample ID: 180-147957-2
Date Collected: 11/15/22 14:35
Matrix: Solid
Date Received: 11/16/22 09:00
Percent Solids: 85.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.96	0.41	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Bromomethane	ND		1.9	0.96	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
2-Butanone (MEK)	ND		4.8	0.35	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Carbon disulfide	ND		0.96	0.26	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Carbon tetrachloride	ND		0.96	0.37	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Chlorobenzene	ND		0.96	0.17	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Chlorobromomethane	ND		0.96	0.27	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Chlorodibromomethane	ND		0.96	0.19	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Chloroethane	ND		0.96	0.50	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Chloroform	ND		0.96	0.93	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Chloromethane	ND		0.96	0.42	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
cis-1,2-Dichloroethene	ND		0.96	0.34	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
cis-1,3-Dichloropropene	ND		0.96	0.26	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Cyclohexane	ND		0.96	0.21	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,2-Dibromo-3-Chloropropane	ND		0.96	0.44	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,2-Dibromoethane	ND		0.96	0.17	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,2-Dichlorobenzene	ND		0.96	0.35	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,3-Dichlorobenzene	ND		0.96	0.35	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,4-Dichlorobenzene	ND		0.96	0.22	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Dichlorobromomethane	ND		0.96	0.25	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Dichlorodifluoromethane	ND		0.96	0.33	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,1-Dichloroethane	ND		0.96	0.20	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,2-Dichloroethane	ND		0.96	0.28	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,1-Dichloroethene	ND		0.96	0.22	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,2-Dichloroethene, Total	ND		1.9	0.37	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,2-Dichloropropane	ND		0.96	0.41	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,4-Dioxane	ND		96	8.8	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Ethylbenzene	ND		0.96	0.19	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
2-Hexanone	ND		4.8	1.6	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Isopropylbenzene	ND		0.96	0.27	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Methyl acetate	ND		4.8	4.1	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Methylcyclohexane	ND		0.96	0.48	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Methylene Chloride	ND		1.9	1.1	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
4-Methyl-2-pentanone (MIBK)	ND		4.8	1.5	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Methyl tert-butyl ether	ND		0.96	0.49	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
m-Xylene & p-Xylene	ND		0.96	0.17	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
o-Xylene	ND		0.96	0.19	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Styrene	ND		0.96	0.27	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,1,2,2-Tetrachloroethane	ND		0.96	0.21	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Tetrachloroethene	ND		0.96	0.29	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Toluene	ND		0.96	0.23	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
trans-1,2-Dichloroethene	ND		0.96	0.24	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
trans-1,3-Dichloropropene	ND		0.96	0.26	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,2,3-Trichlorobenzene	ND		0.96	0.17	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,2,4-Trichlorobenzene	ND		0.96	0.34	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,1,1-Trichloroethane	ND		0.96	0.22	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
1,1,2-Trichloroethane	ND		0.96	0.17	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Trichloroethene	ND		0.96	0.31	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Trichlorofluoromethane	ND		0.96	0.39	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1

Client Sample ID: SSHS-IRM5A2-SCV10-0-0.5 **Lab Sample ID: 180-147957-2**
Date Collected: 11/15/22 14:35 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.96	0.29	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Vinyl chloride	ND		0.96	0.53	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1
Xylenes, Total	ND		1.9	0.17	ug/Kg	☼	11/17/22 17:48	11/20/22 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*75 - 139*	*11/17/22 17:48*	*11/20/22 23:18*	*1*
Dibromofluoromethane (Surr)	*102*		*73 - 139*	*11/17/22 17:48*	*11/20/22 23:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 145*	*11/17/22 17:48*	*11/20/22 23:18*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*11/17/22 17:48*	*11/20/22 23:18*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Acenaphthylene	**14**	**J**	390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Acetophenone	ND		390	19	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Anthracene	ND		390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Atrazine	ND		160	23	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Benzaldehyde	ND		390	64	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Benzo[a]anthracene	**59**		39	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Benzo[a]pyrene	**59**		39	10	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Benzo[b]fluoranthene	**92**		39	10	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Benzo[g,h,i]perylene	**48**	**J**	390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Benzo[k]fluoranthene	**31**	**J**	39	7.6	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
1,1'-Biphenyl	ND		390	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Bis(2-chloroethoxy)methane	ND		390	30	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Bis(2-chloroethyl)ether	ND		39	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Bis(2-ethylhexyl) phthalate	ND		390	20	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
4-Bromophenyl phenyl ether	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Butyl benzyl phthalate	ND		390	18	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Caprolactam	ND		390	60	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Carbazole	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
4-Chloroaniline	ND		390	69	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Chrysene	**65**	**J**	390	6.5	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Dibenz(a,h)anthracene	ND		39	17	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Dibenzofuran	ND		390	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
3,3'-Dichlorobenzidine	ND		160	58	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Diethyl phthalate	ND		390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2,4-Dimethylphenol	ND		390	46	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Dimethyl phthalate	ND		390	88	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Di-n-butyl phthalate	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2,4-Dinitrophenol	ND	*+	310	190	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2,4-Dinitrotoluene	ND		78	42	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2,6-Dinitrotoluene	ND		78	28	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Di-n-octyl phthalate	ND		390	21	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1

Client Sample ID: SSHS-IRM5A2-SCV10-0-0.5 **Lab Sample ID: 180-147957-2**
Date Collected: 11/15/22 14:35 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		39	34	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Fluoranthene	**94**	**J**	390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Fluorene	ND		390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Hexachlorobenzene	ND		39	18	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Hexachlorobutadiene	ND		78	8.2	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Hexachlorocyclopentadiene	ND		390	34	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Hexachloroethane	ND		39	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Indeno[1,2,3-cd]pyrene	**51**		39	15	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Isophorone	ND		160	110	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2-Methylnaphthalene	ND		390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2-Methylphenol	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Methylphenol, 3 & 4	ND		390	24	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Naphthalene	ND		390	6.7	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
3-Nitroaniline	ND		390	92	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
4-Nitroaniline	ND		390	44	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Nitrobenzene	ND		39	21	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2-Nitrophenol	ND		390	39	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
4-Nitrophenol	ND		780	63	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
N-Nitrosodi-n-propylamine	ND		39	28	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
N-Nitrosodiphenylamine	ND		390	32	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2,2'-oxybis[1-chloropropane]	ND		390	7.0	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Pentachlorophenol	ND		310	79	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Phenanthrene	**32**	**J**	390	6.8	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Phenol	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
Pyrene	**94**	**J**	390	9.6	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
1,2,4,5-Tetrachlorobenzene	ND		390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2,3,4,6-Tetrachlorophenol	ND		390	26	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2,4,5-Trichlorophenol	ND		390	39	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1
2,4,6-Trichlorophenol	ND		160	50	ug/Kg	☼	11/17/22 22:33	11/19/22 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*22 - 122*	*11/17/22 22:33*	*11/19/22 06:16*	*1*
2-Fluorophenol (Surr)	*70*		*18 - 123*	*11/17/22 22:33*	*11/19/22 06:16*	*1*
Nitrobenzene-d5 (Surr)	*79*		*16 - 125*	*11/17/22 22:33*	*11/19/22 06:16*	*1*
Phenol-d5 (Surr)	*72*		*23 - 120*	*11/17/22 22:33*	*11/19/22 06:16*	*1*
Terphenyl-d14 (Surr)	*85*		*25 - 126*	*11/17/22 22:33*	*11/19/22 06:16*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 123*	*11/17/22 22:33*	*11/19/22 06:16*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	11/18/22 10:19	11/29/22 03:54	1
PCB-1221	ND		19	6.7	ug/Kg	☼	11/18/22 10:19	11/29/22 03:54	1
PCB-1232	ND		19	4.6	ug/Kg	☼	11/18/22 10:19	11/29/22 03:54	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:19	11/29/22 03:54	1
PCB-1248	ND		19	4.6	ug/Kg	☼	11/18/22 10:19	11/29/22 03:54	1
PCB-1254	ND		19	5.7	ug/Kg	☼	11/18/22 10:19	11/29/22 03:54	1
PCB-1260	ND		19	5.4	ug/Kg	☼	11/18/22 10:19	11/29/22 03:54	1
PCB-1262	ND		19	6.7	ug/Kg	☼	11/18/22 10:19	11/29/22 03:54	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:19	11/29/22 03:54	1

Client Sample ID: SSHS-IRM5A2-SCV10-0-0.5 — Lab Sample ID: 180-147957-2

Date Collected: 11/15/22 14:35 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.2**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*	*11/18/22 10:19*	*11/29/22 03:54*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*	*11/18/22 10:19*	*11/29/22 03:54*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*55 - 135*	*11/18/22 10:19*	*11/29/22 03:54*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*55 - 135*	*11/18/22 10:19*	*11/29/22 03:54*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7800**		18	4.7	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Antimony	ND		1.8	0.32	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Arsenic	**4.7**		1.3	0.28	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Barium	**67**		18	0.32	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Beryllium	**0.38**	**J**	0.44	0.048	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Cadmium	**0.20**	**J**	0.44	0.043	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Calcium	**3300**		440	32	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Chromium	**11**		0.89	0.30	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Cobalt	**7.1**		0.89	0.18	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Copper	**13**		2.2	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Iron	**15000**		18	6.2	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Lead	**26**		0.89	0.25	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Magnesium	**2400**		440	41	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Manganese	**560**		1.3	0.99	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Nickel	**14**		3.6	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Potassium	**720**		440	70	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Selenium	ND		1.8	0.42	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Silver	**0.10**	**J**	0.89	0.072	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Sodium	ND		440	56	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Thallium	ND		1.8	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Vanadium	**13**		4.4	0.73	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1
Zinc	**89**		4.4	1.2	mg/Kg	☼	11/16/22 15:00	11/17/22 18:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.048**	**J**	0.11	0.020	mg/Kg	☼	11/16/22 15:00	11/17/22 10:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.8**		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	**85.2**		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV10-0.5-1 — Lab Sample ID: 180-147957-3

Date Collected: 11/15/22 14:40 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 91.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.4	6.1	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Benzene	ND		1.1	0.27	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Bromoform	ND		1.1	0.45	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Bromomethane	ND		2.1	1.1	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
2-Butanone (MEK)	ND		5.3	0.39	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Carbon disulfide	ND		1.1	0.28	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV10-0.5-1 **Lab Sample ID: 180-147957-3**
Date Collected: 11/15/22 14:40 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 91.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.1	0.41	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Chlorobenzene	ND		1.1	0.19	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Chlorobromomethane	ND		1.1	0.30	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Chlorodibromomethane	ND		1.1	0.21	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Chloroethane	ND		1.1	0.55	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Chloroform	ND		1.1	1.0	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Chloromethane	ND		1.1	0.46	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
cis-1,2-Dichloroethene	ND		1.1	0.38	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
cis-1,3-Dichloropropene	ND		1.1	0.29	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Cyclohexane	ND		1.1	0.23	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.49	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,2-Dibromoethane	ND		1.1	0.19	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,2-Dichlorobenzene	ND		1.1	0.38	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,3-Dichlorobenzene	ND		1.1	0.39	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,4-Dichlorobenzene	ND		1.1	0.24	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Dichlorobromomethane	ND		1.1	0.27	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Dichlorodifluoromethane	ND		1.1	0.36	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,1-Dichloroethane	ND		1.1	0.22	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,2-Dichloroethane	ND		1.1	0.31	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,1-Dichloroethene	ND		1.1	0.24	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,2-Dichloroethene, Total	ND		2.1	0.41	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,2-Dichloropropane	ND		1.1	0.45	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,4-Dioxane	ND		110	9.7	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Ethylbenzene	ND		1.1	0.21	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
2-Hexanone	ND		5.3	1.8	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Isopropylbenzene	ND		1.1	0.30	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Methyl acetate	ND		5.3	4.6	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Methylcyclohexane	ND		1.1	0.53	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Methylene Chloride	ND		2.1	1.2	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.6	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Methyl tert-butyl ether	ND		1.1	0.54	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
m-Xylene & p-Xylene	**0.33**	**J**	1.1	0.18	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
o-Xylene	ND		1.1	0.21	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Styrene	ND		1.1	0.29	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.23	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Tetrachloroethene	ND		1.1	0.32	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Toluene	ND		1.1	0.25	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
trans-1,2-Dichloroethene	ND		1.1	0.26	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
trans-1,3-Dichloropropene	ND		1.1	0.28	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,2,3-Trichlorobenzene	ND		1.1	0.19	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,2,4-Trichlorobenzene	ND		1.1	0.38	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,1,1-Trichloroethane	ND		1.1	0.25	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Trichloroethene	ND		1.1	0.34	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Trichlorofluoromethane	ND		1.1	0.43	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.32	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Vinyl chloride	ND		1.1	0.58	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1
Xylenes, Total	**0.33**	**J**	2.1	0.18	ug/Kg	☼	11/17/22 17:48	11/20/22 23:42	1

Client Sample ID: SSHS-IRM5A2-SCV10-0.5-1 **Lab Sample ID: 180-147957-3**
Date Collected: 11/15/22 14:40 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 91.3**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*75 - 139*	*11/17/22 17:48*	*11/20/22 23:42*	*1*
Dibromofluoromethane (Surr)	*101*		*73 - 139*	*11/17/22 17:48*	*11/20/22 23:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 145*	*11/17/22 17:48*	*11/20/22 23:42*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/17/22 17:48*	*11/20/22 23:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Acetophenone	ND		360	18	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Anthracene	ND		360	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Atrazine	ND		150	21	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Benzaldehyde	ND		360	60	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Benzo[a]anthracene	**21**	**J**	36	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Benzo[a]pyrene	**13**	**J**	36	9.7	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Benzo[b]fluoranthene	**22**	**J**	36	9.4	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Benzo[g,h,i]perylene	**11**	**J**	360	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Benzo[k]fluoranthene	**8.7**	**J**	36	7.1	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Caprolactam	ND		360	56	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Carbazole	ND		360	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
4-Chloroaniline	ND		360	64	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Chrysene	**18**	**J**	360	6.1	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Dimethyl phthalate	ND		360	82	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2,4-Dinitrophenol	ND	*+	290	180	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2,4-Dinitrotoluene	ND		73	39	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2,6-Dinitrotoluene	ND		73	26	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
1,4-Dioxane	ND		36	32	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Fluoranthene	**24**	**J**	360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Fluorene	ND		360	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Hexachlorobutadiene	ND		73	7.7	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1

Client Sample ID: SSHS-IRM5A2-SCV10-0.5-1 **Lab Sample ID: 180-147957-3**
Date Collected: 11/15/22 14:40 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 91.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Hexachloroethane	ND		36	12	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Indeno[1,2,3-cd]pyrene	ND		36	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Isophorone	ND		150	100	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2-Methylphenol	ND		360	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Naphthalene	ND		360	6.3	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2-Nitroaniline	ND		360	28	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
3-Nitroaniline	ND		360	86	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
4-Nitroaniline	ND		360	42	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
4-Nitrophenol	ND		730	59	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2,2'-oxybis[1-chloropropane]	ND		360	6.6	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Pentachlorophenol	ND		290	74	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Phenanthrene	**12**	**J**	360	6.4	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Phenol	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
Pyrene	**23**	**J**	360	9.0	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2,3,4,6-Tetrachlorophenol	ND		360	25	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/17/22 22:33	11/19/22 06:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*22 - 122*	*11/17/22 22:33*	*11/19/22 06:33*	*1*
2-Fluorophenol (Surr)	*72*		*18 - 123*	*11/17/22 22:33*	*11/19/22 06:33*	*1*
Nitrobenzene-d5 (Surr)	*81*		*16 - 125*	*11/17/22 22:33*	*11/19/22 06:33*	*1*
Phenol-d5 (Surr)	*73*		*23 - 120*	*11/17/22 22:33*	*11/19/22 06:33*	*1*
Terphenyl-d14 (Surr)	*88*		*25 - 126*	*11/17/22 22:33*	*11/19/22 06:33*	*1*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 123*	*11/17/22 22:33*	*11/19/22 06:33*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.7	ug/Kg	☼	11/18/22 10:19	11/29/22 04:51	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/18/22 10:19	11/29/22 04:51	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/18/22 10:19	11/29/22 04:51	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/18/22 10:19	11/29/22 04:51	1
PCB-1248	**15**	**J**	18	4.2	ug/Kg	☼	11/18/22 10:19	11/29/22 04:51	1
PCB-1254	**7.5**	**J**	18	5.3	ug/Kg	☼	11/18/22 10:19	11/29/22 04:51	1
PCB-1260	ND		18	5.0	ug/Kg	☼	11/18/22 10:19	11/29/22 04:51	1
PCB-1262	ND		18	6.2	ug/Kg	☼	11/18/22 10:19	11/29/22 04:51	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/18/22 10:19	11/29/22 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*63*		*63 - 138*	*11/18/22 10:19*	*11/29/22 04:51*	*1*
DCB Decachlorobiphenyl (Surr)	*60*	*S1-*	*63 - 138*	*11/18/22 10:19*	*11/29/22 04:51*	*1*
Tetrachloro-m-xylene (Surr)	*68*		*55 - 135*	*11/18/22 10:19*	*11/29/22 04:51*	*1*

Client Sample ID: SSHS-IRM5A2-SCV10-0.5-1 — Lab Sample ID: 180-147957-3

Date Collected: 11/15/22 14:40 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 91.3**

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	68		55 - 135	11/18/22 10:19	11/29/22 04:51	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7700		20	5.3	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Antimony	ND		2.0	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Arsenic	6.5		1.5	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Barium	60		20	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Beryllium	0.35	J	0.49	0.053	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Cadmium	0.094	J	0.49	0.047	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Calcium	7300		490	36	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Chromium	11		0.99	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Cobalt	7.3		0.99	0.20	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Copper	16		2.5	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Iron	17000		20	6.9	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Lead	18		0.99	0.28	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Magnesium	3200		490	45	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Manganese	390		1.5	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Nickel	17		3.9	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Potassium	680		490	78	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Selenium	ND		2.0	0.46	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Silver	ND		0.99	0.080	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Sodium	ND		490	62	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Thallium	ND		2.0	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Vanadium	11		4.9	0.81	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1
Zinc	68		4.9	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 18:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	J	0.12	0.021	mg/Kg	☼	11/16/22 15:00	11/17/22 10:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.7		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	91.3		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV9-0.5-1 — Lab Sample ID: 180-147957-4

Date Collected: 11/15/22 14:45 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.4	5.2	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Benzene	ND		0.91	0.23	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Bromoform	ND		0.91	0.38	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Bromomethane	ND		1.8	0.91	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
2-Butanone (MEK)	ND		4.5	0.33	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Carbon disulfide	ND		0.91	0.24	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Carbon tetrachloride	ND		0.91	0.35	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Chlorobenzene	ND		0.91	0.16	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV9-0.5-1
Lab Sample ID: 180-147957-4
Date Collected: 11/15/22 14:45
Matrix: Solid
Date Received: 11/16/22 09:00
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		0.91	0.25	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Chlorodibromomethane	ND		0.91	0.18	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Chloroethane	ND		0.91	0.47	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Chloroform	ND		0.91	0.88	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Chloromethane	ND		0.91	0.39	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
cis-1,2-Dichloroethene	ND		0.91	0.32	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Cyclohexane	ND		0.91	0.20	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,2-Dibromo-3-Chloropropane	ND		0.91	0.42	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,2-Dibromoethane	ND		0.91	0.16	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,2-Dichlorobenzene	ND		0.91	0.33	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,3-Dichlorobenzene	ND		0.91	0.33	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,4-Dichlorobenzene	ND		0.91	0.20	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Dichlorobromomethane	ND		0.91	0.23	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Dichlorodifluoromethane	ND		0.91	0.31	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,1-Dichloroethane	ND		0.91	0.19	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,2-Dichloroethane	ND		0.91	0.27	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,1-Dichloroethene	ND		0.91	0.20	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,2-Dichloroethene, Total	ND		1.8	0.35	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,2-Dichloropropane	ND		0.91	0.38	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,4-Dioxane	ND		91	8.3	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Ethylbenzene	ND		0.91	0.18	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
2-Hexanone	ND		4.5	1.5	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Isopropylbenzene	ND		0.91	0.26	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Methyl acetate	ND		4.5	3.9	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Methylcyclohexane	ND		0.91	0.45	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Methylene Chloride	ND		1.8	1.0	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
4-Methyl-2-pentanone (MIBK)	ND		4.5	1.4	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Methyl tert-butyl ether	ND		0.91	0.46	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
m-Xylene & p-Xylene	ND		0.91	0.16	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
o-Xylene	ND		0.91	0.18	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Styrene	ND		0.91	0.25	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,1,2,2-Tetrachloroethane	ND		0.91	0.19	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Tetrachloroethene	ND		0.91	0.28	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Toluene	ND		0.91	0.21	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
trans-1,2-Dichloroethene	ND		0.91	0.22	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
trans-1,3-Dichloropropene	ND		0.91	0.24	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,2,3-Trichlorobenzene	ND		0.91	0.16	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,2,4-Trichlorobenzene	ND		0.91	0.32	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,1,1-Trichloroethane	ND		0.91	0.21	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,1,2-Trichloroethane	ND		0.91	0.16	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Trichloroethene	ND		0.91	0.29	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Trichlorofluoromethane	ND		0.91	0.37	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.91	0.27	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Vinyl chloride	ND		0.91	0.49	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1
Xylenes, Total	ND		1.8	0.16	ug/Kg	☼	11/17/22 17:49	11/21/22 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*75 - 139*	*11/17/22 17:49*	*11/21/22 00:07*	*1*
Dibromofluoromethane (Surr)	*94*		*73 - 139*	*11/17/22 17:49*	*11/21/22 00:07*	*1*

Client Sample ID: SSHS-IRM5A2-SCV9-0.5-1 **Lab Sample ID: 180-147957-4**
Date Collected: 11/15/22 14:45 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 145*	*11/17/22 17:49*	*11/21/22 00:07*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*	*11/17/22 17:49*	*11/21/22 00:07*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Acetophenone	ND		360	18	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Anthracene	ND		360	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Atrazine	ND		150	21	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Benzaldehyde	ND		360	60	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Benzo[a]anthracene	ND		36	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Benzo[a]pyrene	ND		36	9.7	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Benzo[b]fluoranthene	**13**	**J**	36	9.4	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Benzo[g,h,i]perylene	ND		360	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Benzo[k]fluoranthene	ND		36	7.1	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Caprolactam	ND		360	57	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Carbazole	ND		360	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
4-Chloroaniline	ND		360	65	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Chrysene	**11**	**J**	360	6.2	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Dimethyl phthalate	ND		360	83	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2,4-Dinitrophenol	ND	*+	290	180	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2,4-Dinitrotoluene	ND		74	39	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2,6-Dinitrotoluene	ND		74	26	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
1,4-Dioxane	ND		36	32	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Fluoranthene	**13**	**J**	360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Fluorene	ND		360	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Hexachlorobutadiene	ND		74	7.7	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV9-0.5-1 **Lab Sample ID: 180-147957-4**
Date Collected: 11/15/22 14:45 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.9**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		36	12	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Indeno[1,2,3-cd]pyrene	ND		36	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2-Methylphenol	ND		360	14	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Naphthalene	ND		360	6.3	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2-Nitroaniline	ND		360	28	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
3-Nitroaniline	ND		360	86	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
4-Nitroaniline	ND		360	42	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
4-Nitrophenol	ND		740	59	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2,2'-oxybis[1-chloropropane]	ND		360	6.6	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Pentachlorophenol	ND		290	75	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Phenanthrene	ND		360	6.4	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Phenol	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
Pyrene	**13**	**J**	360	9.0	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2,3,4,6-Tetrachlorophenol	ND		360	25	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/17/22 22:33	11/19/22 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*22 - 122*	*11/17/22 22:33*	*11/19/22 06:50*	*1*
2-Fluorophenol (Surr)	*72*		*18 - 123*	*11/17/22 22:33*	*11/19/22 06:50*	*1*
Nitrobenzene-d5 (Surr)	*81*		*16 - 125*	*11/17/22 22:33*	*11/19/22 06:50*	*1*
Phenol-d5 (Surr)	*75*		*23 - 120*	*11/17/22 22:33*	*11/19/22 06:50*	*1*
Terphenyl-d14 (Surr)	*90*		*25 - 126*	*11/17/22 22:33*	*11/19/22 06:50*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 123*	*11/17/22 22:33*	*11/19/22 06:50*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/18/22 10:19	11/29/22 05:10	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/18/22 10:19	11/29/22 05:10	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/18/22 10:19	11/29/22 05:10	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/18/22 10:19	11/29/22 05:10	1
PCB-1248	ND		18	4.3	ug/Kg	☼	11/18/22 10:19	11/29/22 05:10	1
PCB-1254	ND		18	5.4	ug/Kg	☼	11/18/22 10:19	11/29/22 05:10	1
PCB-1260	ND		18	5.1	ug/Kg	☼	11/18/22 10:19	11/29/22 05:10	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/18/22 10:19	11/29/22 05:10	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/18/22 10:19	11/29/22 05:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*	*11/18/22 10:19*	*11/29/22 05:10*	*1*
DCB Decachlorobiphenyl (Surr)	*93*		*63 - 138*	*11/18/22 10:19*	*11/29/22 05:10*	*1*
Tetrachloro-m-xylene (Surr)	*105*		*55 - 135*	*11/18/22 10:19*	*11/29/22 05:10*	*1*
Tetrachloro-m-xylene (Surr)	*104*		*55 - 135*	*11/18/22 10:19*	*11/29/22 05:10*	*1*

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV9-0.5-1 Lab Sample ID: 180-147957-4

Date Collected: 11/15/22 14:45 Matrix: Solid
Date Received: 11/16/22 09:00 Percent Solids: 90.9

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9800		21	5.7	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Antimony	ND		2.1	0.38	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Arsenic	17		1.6	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Barium	86		21	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Beryllium	0.46	J	0.53	0.058	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Cadmium	ND		0.53	0.051	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Calcium	3700		530	39	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Chromium	13		1.1	0.37	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Cobalt	10		1.1	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Copper	19		2.7	0.25	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Iron	24000		21	7.4	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Lead	17		1.1	0.30	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Magnesium	3100		530	49	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Manganese	500		1.6	1.2	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Nickel	23		4.3	0.25	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Potassium	1100		530	85	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Selenium	ND		2.1	0.50	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Silver	0.12	J	1.1	0.087	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Sodium	ND		530	67	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Thallium	ND		2.1	0.43	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Vanadium	14		5.3	0.88	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1
Zinc	61		5.3	1.5	mg/Kg	☼	11/16/22 15:00	11/17/22 18:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.019	mg/Kg	☼	11/16/22 15:00	11/17/22 10:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.1		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	90.9		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV8-0-0.5 Lab Sample ID: 180-147957-5

Date Collected: 11/15/22 14:50 Matrix: Solid
Date Received: 11/16/22 09:00 Percent Solids: 87.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.6	6.3	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Benzene	ND		1.1	0.29	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Bromoform	ND		1.1	0.47	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Bromomethane	ND		2.2	1.1	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
2-Butanone (MEK)	ND		5.5	0.41	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Carbon disulfide	ND		1.1	0.29	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Carbon tetrachloride	ND		1.1	0.43	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Chlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Chlorobromomethane	ND		1.1	0.31	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Chlorodibromomethane	ND		1.1	0.21	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Chloroethane	ND		1.1	0.58	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Chloroform	ND		1.1	1.1	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1

Client Sample ID: SSHS-IRM5A2-SCV8-0-0.5 **Lab Sample ID: 180-147957-5**
Date Collected: 11/15/22 14:50 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.1	0.48	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
cis-1,2-Dichloroethene	ND		1.1	0.40	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
cis-1,3-Dichloropropene	ND		1.1	0.30	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Cyclohexane	ND		1.1	0.24	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.51	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,2-Dibromoethane	ND		1.1	0.20	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,2-Dichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,3-Dichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,4-Dichlorobenzene	ND		1.1	0.25	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Dichlorobromomethane	ND		1.1	0.28	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Dichlorodifluoromethane	ND		1.1	0.37	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,1-Dichloroethane	ND		1.1	0.23	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,2-Dichloroethane	ND		1.1	0.33	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,1-Dichloroethene	ND		1.1	0.25	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,2-Dichloroethene, Total	ND		2.2	0.42	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,2-Dichloropropane	ND		1.1	0.47	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,4-Dioxane	ND		110	10	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Ethylbenzene	ND		1.1	0.22	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
2-Hexanone	ND		5.5	1.9	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Isopropylbenzene	ND		1.1	0.32	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Methyl acetate	ND		5.5	4.8	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Methylcyclohexane	ND		1.1	0.55	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Methylene Chloride	ND		2.2	1.3	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	1.7	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Methyl tert-butyl ether	ND		1.1	0.57	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
m-Xylene & p-Xylene	**0.74**	**J**	1.1	0.19	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
o-Xylene	ND		1.1	0.21	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Styrene	ND		1.1	0.31	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.24	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Tetrachloroethene	ND		1.1	0.34	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Toluene	**0.68**	**J**	1.1	0.26	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
trans-1,2-Dichloroethene	ND		1.1	0.27	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
trans-1,3-Dichloropropene	ND		1.1	0.29	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,2,3-Trichlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,2,4-Trichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,1,1-Trichloroethane	ND		1.1	0.26	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Trichloroethene	ND		1.1	0.36	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Trichlorofluoromethane	ND		1.1	0.45	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.33	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Vinyl chloride	ND		1.1	0.60	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1
Xylenes, Total	**0.74**	**J**	2.2	0.19	ug/Kg	☼	11/17/22 17:49	11/20/22 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*75 - 139*	*11/17/22 17:49*	*11/20/22 22:53*	*1*
Dibromofluoromethane (Surr)	*97*		*73 - 139*	*11/17/22 17:49*	*11/20/22 22:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*	*11/17/22 17:49*	*11/20/22 22:53*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*	*11/17/22 17:49*	*11/20/22 22:53*	*1*

Client Sample ID: SSHS-IRM5A2-SCV8-0-0.5 Lab Sample ID: 180-147957-5

Date Collected: 11/15/22 14:50 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Acenaphthylene	**36**	**J**	380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Acetophenone	ND		380	18	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Anthracene	**29**	**J**	380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Atrazine	ND		150	22	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Benzaldehyde	ND		380	62	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Benzo[a]anthracene	**160**		38	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Benzo[a]pyrene	**150**		38	10	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Benzo[b]fluoranthene	**210**		38	9.7	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Benzo[g,h,i]perylene	**100**	**J**	380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Benzo[k]fluoranthene	**78**		38	7.4	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Bis(2-chloroethoxy)methane	ND		380	29	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Caprolactam	ND		380	59	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Carbazole	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
4-Chloroaniline	ND		380	67	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
4-Chloro-3-methylphenol	ND		380	21	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2-Chloronaphthalene	ND		380	17	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2-Chlorophenol	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
4-Chlorophenyl phenyl ether	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Chrysene	**170**	**J**	380	6.4	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Dibenz(a,h)anthracene	**23**	**J**	38	16	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Dibenzofuran	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
3,3'-Dichlorobenzidine	ND		150	57	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2,4-Dimethylphenol	ND		380	45	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Dimethyl phthalate	ND		380	86	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Di-n-butyl phthalate	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2,4-Dinitrophenol	ND	*+	300	180	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2,4-Dinitrotoluene	ND		76	41	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2,6-Dinitrotoluene	ND		76	27	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Di-n-octyl phthalate	ND		380	20	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
1,4-Dioxane	ND		38	33	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Fluoranthene	**300**	**J**	380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Fluorene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Hexachlorobutadiene	ND		76	8.0	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Hexachlorocyclopentadiene	ND		380	33	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Hexachloroethane	ND		38	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Indeno[1,2,3-cd]pyrene	**110**		38	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2-Methylnaphthalene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2-Methylphenol	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1

Client Sample ID: SSHS-IRM5A2-SCV8-0-0.5 **Lab Sample ID: 180-147957-5**
Date Collected: 11/15/22 14:50 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	24	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Naphthalene	**13**	**J**	380	6.5	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
3-Nitroaniline	ND		380	89	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
4-Nitroaniline	ND		380	43	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Nitrobenzene	ND		38	21	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2-Nitrophenol	ND		380	38	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
4-Nitrophenol	ND		760	61	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
N-Nitrosodi-n-propylamine	ND		38	27	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
N-Nitrosodiphenylamine	ND		380	31	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2,2'-oxybis[1-chloropropane]	ND		380	6.8	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Pentachlorophenol	ND		300	77	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Phenanthrene	**130**	**J**	380	6.6	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Phenol	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
Pyrene	**300**	**J**	380	9.4	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
1,2,4,5-Tetrachlorobenzene	ND		380	12	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2,3,4,6-Tetrachlorophenol	ND		380	25	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2,4,5-Trichlorophenol	ND		380	38	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	11/17/22 22:33	11/19/22 08:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*22 - 122*	*11/17/22 22:33*	*11/19/22 08:00*	*1*
2-Fluorophenol (Surr)	*71*		*18 - 123*	*11/17/22 22:33*	*11/19/22 08:00*	*1*
Nitrobenzene-d5 (Surr)	*80*		*16 - 125*	*11/17/22 22:33*	*11/19/22 08:00*	*1*
Phenol-d5 (Surr)	*72*		*23 - 120*	*11/17/22 22:33*	*11/19/22 08:00*	*1*
Terphenyl-d14 (Surr)	*88*		*25 - 126*	*11/17/22 22:33*	*11/19/22 08:00*	*1*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 123*	*11/17/22 22:33*	*11/19/22 08:00*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	11/18/22 10:19	11/29/22 05:29	1
PCB-1221	ND		19	6.6	ug/Kg	☼	11/18/22 10:19	11/29/22 05:29	1
PCB-1232	ND		19	4.6	ug/Kg	☼	11/18/22 10:19	11/29/22 05:29	1
PCB-1242	ND		19	2.7	ug/Kg	☼	11/18/22 10:19	11/29/22 05:29	1
PCB-1248	ND		19	4.5	ug/Kg	☼	11/18/22 10:19	11/29/22 05:29	1
PCB-1254	**29**		19	5.6	ug/Kg	☼	11/18/22 10:19	11/29/22 05:29	1
PCB-1260	ND		19	5.3	ug/Kg	☼	11/18/22 10:19	11/29/22 05:29	1
PCB-1262	ND		19	6.6	ug/Kg	☼	11/18/22 10:19	11/29/22 05:29	1
PCB-1268	ND		19	2.5	ug/Kg	☼	11/18/22 10:19	11/29/22 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*11/18/22 10:19*	*11/29/22 05:29*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*11/18/22 10:19*	*11/29/22 05:29*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*55 - 135*	*11/18/22 10:19*	*11/29/22 05:29*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*11/18/22 10:19*	*11/29/22 05:29*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7500**		23	6.1	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Antimony	ND		2.3	0.41	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1

Client Sample ID: SSHS-IRM5A2-SCV8-0-0.5 — Lab Sample ID: 180-147957-5

Date Collected: 11/15/22 14:50 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 87.4**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5		1.7	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Barium	60		23	0.41	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Beryllium	0.35	J	0.57	0.062	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Cadmium	0.15	J	0.57	0.055	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Calcium	4200		570	42	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Chromium	10		1.1	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Cobalt	6.4		1.1	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Copper	16		2.9	0.27	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Iron	15000		23	7.9	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Lead	19		1.1	0.32	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Magnesium	2900		570	53	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Manganese	430		1.7	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Nickel	15		4.6	0.27	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Potassium	770		570	91	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Selenium	ND		2.3	0.54	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Silver	ND		1.1	0.093	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Sodium	ND		570	72	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Thallium	ND		2.3	0.46	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Vanadium	12		5.7	0.94	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1
Zinc	61		5.7	1.6	mg/Kg	☼	11/16/22 15:00	11/17/22 18:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038	J	0.12	0.021	mg/Kg	☼	11/16/22 15:00	11/17/22 10:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.6		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	87.4		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV8-0.5-1 — Lab Sample ID: 180-147957-6

Date Collected: 11/15/22 14:55 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 87.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Benzene	ND		1.0	0.26	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Bromoform	ND		1.0	0.42	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Bromomethane	ND		2.0	1.0	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Carbon disulfide	ND		1.0	0.27	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Chloroethane	ND		1.0	0.52	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Chloroform	ND		1.0	0.97	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Chloromethane	ND		1.0	0.43	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1

Client Sample ID: SSHS-IRM5A2-SCV8-0.5-1 **Lab Sample ID: 180-147957-6**
Date Collected: 11/15/22 14:55 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Cyclohexane	ND		1.0	0.22	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,3-Dichlorobenzene	ND		1.0	0.36	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,1-Dichloroethene	ND		1.0	0.22	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,4-Dioxane	ND		100	9.2	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Ethylbenzene	ND		1.0	0.20	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
2-Hexanone	ND		5.0	1.7	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Isopropylbenzene	ND		1.0	0.28	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Methyl acetate	ND		5.0	4.3	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Methylene Chloride	ND		2.0	1.1	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
o-Xylene	ND		1.0	0.19	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Styrene	ND		1.0	0.28	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Tetrachloroethene	ND		1.0	0.30	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Toluene	ND		1.0	0.23	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Trichloroethene	ND		1.0	0.32	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Vinyl chloride	ND		1.0	0.55	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1
Xylenes, Total	ND		2.0	0.17	ug/Kg	☼	11/17/22 17:49	11/21/22 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*75 - 139*	*11/17/22 17:49*	*11/21/22 00:31*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 139*	*11/17/22 17:49*	*11/21/22 00:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 145*	*11/17/22 17:49*	*11/21/22 00:31*	*1*
Toluene-d8 (Surr)	*86*		*80 - 120*	*11/17/22 17:49*	*11/21/22 00:31*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1

Client Sample ID: SSHS-IRM5A2-SCV8-0.5-1 **Lab Sample ID: 180-147957-6**
Date Collected: 11/15/22 14:55 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**32**	**J**	380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Acetophenone	ND		380	19	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Anthracene	**18**	**J**	380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Atrazine	ND		150	22	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Benzaldehyde	ND		380	62	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Benzo[a]anthracene	**130**		38	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Benzo[a]pyrene	**120**		38	10	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Benzo[b]fluoranthene	**180**		38	9.8	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Benzo[g,h,i]perylene	**86**	**J**	380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Benzo[k]fluoranthene	**63**		38	7.4	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Bis(2-chloroethoxy)methane	ND		380	29	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Caprolactam	ND		380	59	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Carbazole	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
4-Chloroaniline	ND		380	67	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
4-Chloro-3-methylphenol	ND		380	21	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2-Chloronaphthalene	ND		380	17	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2-Chlorophenol	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
4-Chlorophenyl phenyl ether	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Chrysene	**140**	**J**	380	6.4	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Dibenz(a,h)anthracene	**20**	**J**	38	16	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Dibenzofuran	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
3,3'-Dichlorobenzidine	ND		150	57	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2,4-Dimethylphenol	ND		380	45	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Dimethyl phthalate	ND		380	86	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Di-n-butyl phthalate	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2,4-Dinitrophenol	ND	*+	300	190	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2,4-Dinitrotoluene	ND		77	41	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2,6-Dinitrotoluene	ND		77	27	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Di-n-octyl phthalate	ND		380	20	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
1,4-Dioxane	ND		38	33	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Fluoranthene	**220**	**J**	380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Fluorene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Hexachlorobutadiene	ND		77	8.0	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Hexachlorocyclopentadiene	ND		380	33	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Hexachloroethane	ND		38	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Indeno[1,2,3-cd]pyrene	**100**		38	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2-Methylnaphthalene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2-Methylphenol	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Methylphenol, 3 & 4	ND		380	24	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1

Client Sample ID: SSHS-IRM5A2-SCV8-0.5-1 — Lab Sample ID: 180-147957-6

Date Collected: 11/15/22 14:55 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 87.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**9.5**	**J**	380	6.5	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
3-Nitroaniline	ND		380	90	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
4-Nitroaniline	ND		380	43	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Nitrobenzene	ND		38	21	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2-Nitrophenol	ND		380	38	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
4-Nitrophenol	ND		770	62	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
N-Nitrosodi-n-propylamine	ND		38	27	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
N-Nitrosodiphenylamine	ND		380	31	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2,2'-oxybis[1-chloropropane]	ND		380	6.8	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Pentachlorophenol	ND		300	77	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Phenanthrene	**88**	**J**	380	6.6	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Phenol	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
Pyrene	**240**	**J**	380	9.4	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
1,2,4,5-Tetrachlorobenzene	ND		380	12	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2,3,4,6-Tetrachlorophenol	ND		380	26	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2,4,5-Trichlorophenol	ND		380	38	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1
2,4,6-Trichlorophenol	ND		150	49	ug/Kg	☼	11/17/22 22:33	11/19/22 08:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*22 - 122*	*11/17/22 22:33*	*11/19/22 08:17*	*1*
2-Fluorophenol (Surr)	*75*		*18 - 123*	*11/17/22 22:33*	*11/19/22 08:17*	*1*
Nitrobenzene-d5 (Surr)	*84*		*16 - 125*	*11/17/22 22:33*	*11/19/22 08:17*	*1*
Phenol-d5 (Surr)	*76*		*23 - 120*	*11/17/22 22:33*	*11/19/22 08:17*	*1*
Terphenyl-d14 (Surr)	*91*		*25 - 126*	*11/17/22 22:33*	*11/19/22 08:17*	*1*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 123*	*11/17/22 22:33*	*11/19/22 08:17*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	11/18/22 10:19	11/29/22 05:48	1
PCB-1221	ND		19	6.8	ug/Kg	☼	11/18/22 10:19	11/29/22 05:48	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:19	11/29/22 05:48	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:19	11/29/22 05:48	1
PCB-1248	ND		19	4.6	ug/Kg	☼	11/18/22 10:19	11/29/22 05:48	1
PCB-1254	ND		19	5.7	ug/Kg	☼	11/18/22 10:19	11/29/22 05:48	1
PCB-1260	ND		19	5.4	ug/Kg	☼	11/18/22 10:19	11/29/22 05:48	1
PCB-1262	ND		19	6.7	ug/Kg	☼	11/18/22 10:19	11/29/22 05:48	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:19	11/29/22 05:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*61*	*S1-*	*63 - 138*	*11/18/22 10:19*	*11/29/22 05:48*	*1*
DCB Decachlorobiphenyl (Surr)	*63*		*63 - 138*	*11/18/22 10:19*	*11/29/22 05:48*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*55 - 135*	*11/18/22 10:19*	*11/29/22 05:48*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*55 - 135*	*11/18/22 10:19*	*11/29/22 05:48*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7800**		19	5.0	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Antimony	ND		1.9	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Arsenic	**4.8**		1.4	0.29	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1

Client Sample ID: SSHS-IRM5A2-SCV8-0.5-1 — Lab Sample ID: 180-147957-6

Date Collected: 11/15/22 14:55 — Matrix: Solid
Date Received: 11/16/22 09:00 — Percent Solids: 87.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	64		19	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Beryllium	0.36	J	0.47	0.050	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Cadmium	0.14	J	0.47	0.045	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Calcium	27000		470	34	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Chromium	10		0.93	0.32	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Cobalt	6.9		0.93	0.19	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Copper	13		2.3	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Iron	15000		19	6.5	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Lead	15		0.93	0.26	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Magnesium	2400		470	43	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Manganese	640		1.4	1.0	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Nickel	17		3.7	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Potassium	690		470	74	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Selenium	ND		1.9	0.44	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Silver	0.11	J	0.93	0.076	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Sodium	ND		470	59	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Thallium	ND		1.9	0.37	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Vanadium	13		4.7	0.77	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1
Zinc	51		4.7	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 18:51	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	J	0.11	0.019	mg/Kg	☼	11/16/22 15:00	11/17/22 11:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.8		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	87.2		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP8 — Lab Sample ID: 180-147957-7

Date Collected: 11/15/22 00:00 — Matrix: Solid
Date Received: 11/16/22 09:00 — Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.9	5.7	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Benzene	ND		0.99	0.26	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Bromoform	ND		0.99	0.42	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Bromomethane	ND		2.0	0.99	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
2-Butanone (MEK)	ND		4.9	0.36	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Carbon disulfide	ND		0.99	0.26	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Carbon tetrachloride	ND		0.99	0.38	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Chlorobenzene	ND		0.99	0.18	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Chlorobromomethane	ND		0.99	0.28	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Chlorodibromomethane	ND		0.99	0.19	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Chloroethane	ND		0.99	0.52	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Chloroform	ND		0.99	0.96	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Chloromethane	ND		0.99	0.43	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
cis-1,2-Dichloroethene	ND		0.99	0.35	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
cis-1,3-Dichloropropene	ND		0.99	0.27	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP8 **Lab Sample ID: 180-147957-7**
Date Collected: 11/15/22 00:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 91.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		0.99	0.22	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,2-Dibromo-3-Chloropropane	ND		0.99	0.46	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,2-Dibromoethane	ND		0.99	0.18	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,2-Dichlorobenzene	ND		0.99	0.36	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,3-Dichlorobenzene	ND		0.99	0.36	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,4-Dichlorobenzene	ND		0.99	0.22	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Dichlorobromomethane	ND		0.99	0.25	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Dichlorodifluoromethane	ND		0.99	0.33	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,1-Dichloroethane	ND		0.99	0.20	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,2-Dichloroethane	ND		0.99	0.29	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,1-Dichloroethene	ND		0.99	0.22	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,2-Dichloropropane	ND		0.99	0.42	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,4-Dioxane	ND		99	9.1	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Ethylbenzene	ND		0.99	0.20	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
2-Hexanone	ND		4.9	1.7	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Isopropylbenzene	ND		0.99	0.28	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Methyl acetate	ND		4.9	4.3	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Methylcyclohexane	ND		0.99	0.49	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Methylene Chloride	ND		2.0	1.1	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
4-Methyl-2-pentanone (MIBK)	ND		4.9	1.5	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Methyl tert-butyl ether	ND		0.99	0.51	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
m-Xylene & p-Xylene	ND		0.99	0.17	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
o-Xylene	ND		0.99	0.19	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Styrene	ND		0.99	0.28	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,1,2,2-Tetrachloroethane	ND		0.99	0.21	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Tetrachloroethene	ND		0.99	0.30	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Toluene	ND		0.99	0.23	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
trans-1,2-Dichloroethene	ND		0.99	0.24	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
trans-1,3-Dichloropropene	ND		0.99	0.26	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,2,3-Trichlorobenzene	ND		0.99	0.18	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,2,4-Trichlorobenzene	ND		0.99	0.35	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,1,1-Trichloroethane	ND		0.99	0.23	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,1,2-Trichloroethane	ND		0.99	0.18	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Trichloroethene	ND		0.99	0.32	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Trichlorofluoromethane	ND		0.99	0.40	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.99	0.30	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Vinyl chloride	ND		0.99	0.54	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1
Xylenes, Total	ND		2.0	0.17	ug/Kg	☼	11/17/22 17:50	11/21/22 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*75 - 139*	*11/17/22 17:50*	*11/21/22 00:56*	*1*
Dibromofluoromethane (Surr)	*102*		*73 - 139*	*11/17/22 17:50*	*11/21/22 00:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*	*11/17/22 17:50*	*11/21/22 00:56*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*11/17/22 17:50*	*11/21/22 00:56*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Acenaphthylene	**21**	**J**	360	10	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV-DUP8 **Lab Sample ID: 180-147957-7**
Date Collected: 11/15/22 00:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 91.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		360	18	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Anthracene	**14**	**J**	360	11	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Atrazine	ND		150	21	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Benzaldehyde	ND		360	60	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Benzo[a]anthracene	**88**		36	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Benzo[a]pyrene	**84**		36	9.6	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Benzo[b]fluoranthene	**120**		36	9.3	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Benzo[g,h,i]perylene	**63**	**J**	360	11	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Benzo[k]fluoranthene	**47**		36	7.1	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Caprolactam	ND		360	56	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Carbazole	ND		360	14	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
4-Chloroaniline	ND		360	64	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Chrysene	**100**	**J**	360	6.1	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Dimethyl phthalate	ND		360	82	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2,4-Dinitrophenol	ND	*+	290	180	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2,4-Dinitrotoluene	ND		73	39	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2,6-Dinitrotoluene	ND		73	26	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
1,4-Dioxane	ND		36	32	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Fluoranthene	**150**	**J**	360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Fluorene	ND		360	11	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Hexachlorobutadiene	ND		73	7.7	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Hexachloroethane	ND		36	12	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Indeno[1,2,3-cd]pyrene	**73**		36	14	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Isophorone	ND		150	100	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2-Methylphenol	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Naphthalene	**11**	**J**	360	6.2	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP8 **Lab Sample ID: 180-147957-7**
Date Collected: 11/15/22 00:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 91.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		360	28	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
3-Nitroaniline	ND		360	86	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
4-Nitroaniline	ND		360	41	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
4-Nitrophenol	ND		730	59	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2,2'-oxybis[1-chloropropane]	ND		360	6.5	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Pentachlorophenol	ND		290	74	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Phenanthrene	**59**	**J**	360	6.3	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Phenol	ND		360	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
Pyrene	**160**	**J**	360	9.0	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2,3,4,6-Tetrachlorophenol	ND		360	24	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1
2,4,6-Trichlorophenol	ND		150	46	ug/Kg	☼	11/17/22 22:33	11/19/22 07:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*22 - 122*	*11/17/22 22:33*	*11/19/22 07:08*	*1*
2-Fluorophenol (Surr)	*74*		*18 - 123*	*11/17/22 22:33*	*11/19/22 07:08*	*1*
Nitrobenzene-d5 (Surr)	*83*		*16 - 125*	*11/17/22 22:33*	*11/19/22 07:08*	*1*
Phenol-d5 (Surr)	*76*		*23 - 120*	*11/17/22 22:33*	*11/19/22 07:08*	*1*
Terphenyl-d14 (Surr)	*93*		*25 - 126*	*11/17/22 22:33*	*11/19/22 07:08*	*1*
2,4,6-Tribromophenol (Surr)	*98*		*10 - 123*	*11/17/22 22:33*	*11/19/22 07:08*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/18/22 10:19	11/29/22 06:07	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/18/22 10:19	11/29/22 06:07	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/18/22 10:19	11/29/22 06:07	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/18/22 10:19	11/29/22 06:07	1
PCB-1248	ND		18	4.3	ug/Kg	☼	11/18/22 10:19	11/29/22 06:07	1
PCB-1254	ND		18	5.3	ug/Kg	☼	11/18/22 10:19	11/29/22 06:07	1
PCB-1260	ND		18	5.0	ug/Kg	☼	11/18/22 10:19	11/29/22 06:07	1
PCB-1262	ND		18	6.2	ug/Kg	☼	11/18/22 10:19	11/29/22 06:07	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/18/22 10:19	11/29/22 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*11/18/22 10:19*	*11/29/22 06:07*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*11/18/22 10:19*	*11/29/22 06:07*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*11/18/22 10:19*	*11/29/22 06:07*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*11/18/22 10:19*	*11/29/22 06:07*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7700**		20	5.2	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Antimony	ND		2.0	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Arsenic	**4.5**		1.5	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Barium	**59**		20	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP8 — Lab Sample ID: 180-147957-7

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 91.0**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.35	J	0.49	0.053	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Cadmium	0.12	J	0.49	0.047	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Calcium	2100		490	36	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Chromium	10		0.98	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Cobalt	6.4		0.98	0.20	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Copper	14		2.5	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Iron	14000		20	6.8	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Lead	16		0.98	0.28	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Magnesium	2300		490	45	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Manganese	440		1.5	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Nickel	16		3.9	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Potassium	720		490	78	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Selenium	ND		2.0	0.46	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Silver	ND		0.98	0.079	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Sodium	ND		490	62	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Thallium	ND		2.0	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Vanadium	12		4.9	0.81	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1
Zinc	53		4.9	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 18:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	J	0.11	0.020	mg/Kg	☼	11/16/22 15:00	11/17/22 11:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.0		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	91.0		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV7-0-0.5 — Lab Sample ID: 180-147957-8

Date Collected: 11/15/22 15:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 84.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.6	6.3	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Benzene	ND		1.1	0.29	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Bromoform	ND		1.1	0.47	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Bromomethane	ND		2.2	1.1	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
2-Butanone (MEK)	ND		5.5	0.41	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Carbon disulfide	ND		1.1	0.29	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Carbon tetrachloride	ND		1.1	0.43	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Chlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Chlorobromomethane	ND		1.1	0.31	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Chlorodibromomethane	ND		1.1	0.21	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Chloroethane	ND		1.1	0.58	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Chloroform	ND		1.1	1.1	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Chloromethane	ND		1.1	0.48	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
cis-1,2-Dichloroethene	ND		1.1	0.40	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
cis-1,3-Dichloropropene	ND		1.1	0.30	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Cyclohexane	ND		1.1	0.24	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV7-0-0.5 **Lab Sample ID: 180-147957-8**
Date Collected: 11/15/22 15:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 84.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		1.1	0.51	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,2-Dibromoethane	ND		1.1	0.20	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,2-Dichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,3-Dichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,4-Dichlorobenzene	ND		1.1	0.25	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Dichlorobromomethane	ND		1.1	0.28	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Dichlorodifluoromethane	ND		1.1	0.37	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,1-Dichloroethane	ND		1.1	0.23	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,2-Dichloroethane	ND		1.1	0.33	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,1-Dichloroethene	ND		1.1	0.25	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,2-Dichloroethene, Total	ND		2.2	0.42	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,2-Dichloropropane	ND		1.1	0.47	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,4-Dioxane	ND		110	10	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Ethylbenzene	ND		1.1	0.22	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
2-Hexanone	ND		5.5	1.9	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Isopropylbenzene	ND		1.1	0.31	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Methyl acetate	ND		5.5	4.8	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Methylcyclohexane	ND		1.1	0.55	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Methylene Chloride	ND		2.2	1.3	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	1.7	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Methyl tert-butyl ether	ND		1.1	0.57	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
m-Xylene & p-Xylene	ND		1.1	0.19	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
o-Xylene	ND		1.1	0.21	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Styrene	ND		1.1	0.31	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.24	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Tetrachloroethene	ND		1.1	0.34	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Toluene	ND		1.1	0.26	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
trans-1,2-Dichloroethene	ND		1.1	0.27	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
trans-1,3-Dichloropropene	ND		1.1	0.29	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,2,3-Trichlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,2,4-Trichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,1,1-Trichloroethane	ND		1.1	0.26	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Trichloroethene	ND		1.1	0.35	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Trichlorofluoromethane	ND		1.1	0.45	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.33	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Vinyl chloride	ND		1.1	0.60	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1
Xylenes, Total	ND		2.2	0.19	ug/Kg	☼	11/17/22 17:50	11/21/22 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*75 - 139*	*11/17/22 17:50*	*11/21/22 01:22*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 139*	*11/17/22 17:50*	*11/21/22 01:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 145*	*11/17/22 17:50*	*11/21/22 01:22*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*11/17/22 17:50*	*11/21/22 01:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Acenaphthylene	**19**	**J**	390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Acetophenone	ND		390	19	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1

Client Sample ID: SSHS-IRM5A2-SCV7-0-0.5 **Lab Sample ID: 180-147957-8**
Date Collected: 11/15/22 15:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 84.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Atrazine	ND		160	23	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Benzaldehyde	ND		390	65	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Benzo[a]anthracene	**48**		39	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Benzo[a]pyrene	**66**		39	10	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Benzo[b]fluoranthene	**97**		39	10	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Benzo[g,h,i]perylene	**57**	**J**	390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Benzo[k]fluoranthene	**34**	**J**	39	7.7	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
1,1'-Biphenyl	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Bis(2-chloroethoxy)methane	ND		390	30	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Bis(2-chloroethyl)ether	ND		39	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Bis(2-ethylhexyl) phthalate	ND		390	21	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
4-Bromophenyl phenyl ether	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Butyl benzyl phthalate	ND		390	18	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Caprolactam	ND		390	61	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Carbazole	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
4-Chloroaniline	ND		390	69	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Chrysene	**54**	**J**	390	6.6	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Dibenz(a,h)anthracene	ND		39	17	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Dibenzofuran	ND		390	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
3,3'-Dichlorobenzidine	ND		160	59	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Diethyl phthalate	ND		390	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2,4-Dimethylphenol	ND		390	47	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Dimethyl phthalate	ND		390	89	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Di-n-butyl phthalate	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2,4-Dinitrophenol	ND	*+	310	190	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2,4-Dinitrotoluene	ND		79	42	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2,6-Dinitrotoluene	ND		79	28	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Di-n-octyl phthalate	ND		390	21	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
1,4-Dioxane	ND		39	34	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Fluoranthene	**69**	**J**	390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Fluorene	ND		390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Hexachlorobenzene	ND		39	19	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Hexachlorobutadiene	ND		79	8.3	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Hexachlorocyclopentadiene	ND		390	34	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Hexachloroethane	ND		39	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Indeno[1,2,3-cd]pyrene	**66**		39	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Isophorone	ND		160	110	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2-Methylnaphthalene	**13**	**J**	390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2-Methylphenol	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Methylphenol, 3 & 4	ND		390	24	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Naphthalene	**15**	**J**	390	6.8	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1

Client Sample ID: SSHS-IRM5A2-SCV7-0-0.5 Lab Sample ID: 180-147957-8

Date Collected: 11/15/22 15:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 84.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		390	93	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
4-Nitroaniline	ND		390	45	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Nitrobenzene	ND		39	22	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2-Nitrophenol	ND		390	39	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
4-Nitrophenol	ND		790	64	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
N-Nitrosodi-n-propylamine	ND		39	28	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
N-Nitrosodiphenylamine	ND		390	32	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2,2'-oxybis[1-chloropropane]	ND		390	7.1	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Pentachlorophenol	ND		310	80	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Phenanthrene	**38**	**J**	390	6.9	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Phenol	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
Pyrene	**75**	**J**	390	9.7	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
1,2,4,5-Tetrachlorobenzene	ND		390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2,3,4,6-Tetrachlorophenol	ND		390	26	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2,4,5-Trichlorophenol	ND		390	40	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1
2,4,6-Trichlorophenol	ND		160	50	ug/Kg	☼	11/17/22 22:33	11/19/22 08:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*22 - 122*	*11/17/22 22:33*	*11/19/22 08:34*	*1*
2-Fluorophenol (Surr)	*73*		*18 - 123*	*11/17/22 22:33*	*11/19/22 08:34*	*1*
Nitrobenzene-d5 (Surr)	*83*		*16 - 125*	*11/17/22 22:33*	*11/19/22 08:34*	*1*
Phenol-d5 (Surr)	*74*		*23 - 120*	*11/17/22 22:33*	*11/19/22 08:34*	*1*
Terphenyl-d14 (Surr)	*91*		*25 - 126*	*11/17/22 22:33*	*11/19/22 08:34*	*1*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 123*	*11/17/22 22:33*	*11/19/22 08:34*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	11/18/22 10:19	11/29/22 06:26	1
PCB-1221	ND		20	7.0	ug/Kg	☼	11/18/22 10:19	11/29/22 06:26	1
PCB-1232	ND		20	4.8	ug/Kg	☼	11/18/22 10:19	11/29/22 06:26	1
PCB-1242	ND		20	2.9	ug/Kg	☼	11/18/22 10:19	11/29/22 06:26	1
PCB-1248	ND		20	4.7	ug/Kg	☼	11/18/22 10:19	11/29/22 06:26	1
PCB-1254	ND		20	5.9	ug/Kg	☼	11/18/22 10:19	11/29/22 06:26	1
PCB-1260	ND		20	5.6	ug/Kg	☼	11/18/22 10:19	11/29/22 06:26	1
PCB-1262	ND		20	6.9	ug/Kg	☼	11/18/22 10:19	11/29/22 06:26	1
PCB-1268	ND		20	2.6	ug/Kg	☼	11/18/22 10:19	11/29/22 06:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*101*		*63 - 138*	*11/18/22 10:19*	*11/29/22 06:26*	*1*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*11/18/22 10:19*	*11/29/22 06:26*	*1*
Tetrachloro-m-xylene (Surr)	*113*		*55 - 135*	*11/18/22 10:19*	*11/29/22 06:26*	*1*
Tetrachloro-m-xylene (Surr)	*112*		*55 - 135*	*11/18/22 10:19*	*11/29/22 06:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7300**		18	4.9	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Antimony	ND		1.8	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Arsenic	**5.2**		1.4	0.29	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Barium	**67**		18	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Beryllium	**0.34**	**J**	0.46	0.050	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1

Client Sample ID: SSHS-IRM5A2-SCV7-0-0.5 — Lab Sample ID: 180-147957-8

Date Collected: 11/15/22 15:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 84.6**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.19	J	0.46	0.044	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Calcium	9500		460	34	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Chromium	10		0.92	0.32	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Cobalt	6.5		0.92	0.18	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Copper	18		2.3	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Iron	15000		18	6.4	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Lead	40		0.92	0.26	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Magnesium	3100		460	43	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Manganese	490		1.4	1.0	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Nickel	15		3.7	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Potassium	620		460	73	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Selenium	ND		1.8	0.43	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Silver	ND		0.92	0.075	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Sodium	ND		460	58	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Thallium	ND		1.8	0.37	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Vanadium	12		4.6	0.76	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1
Zinc	83		4.6	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 19:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053	J	0.13	0.023	mg/Kg	☼	11/16/22 15:00	11/17/22 11:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	15.4		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	84.6		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV7-0.5-1 — Lab Sample ID: 180-147957-9

Date Collected: 11/15/22 15:05 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 86.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.2	5.9	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Benzene	ND		1.0	0.27	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Bromoform	ND		1.0	0.44	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Bromomethane	ND		2.1	1.0	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
2-Butanone (MEK)	ND		5.2	0.38	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Carbon disulfide	ND		1.0	0.28	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Carbon tetrachloride	ND		1.0	0.40	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Chlorodibromomethane	ND		1.0	0.20	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Chloroethane	ND		1.0	0.54	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Chloroform	ND		1.0	1.0	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Chloromethane	ND		1.0	0.45	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
cis-1,2-Dichloroethene	ND		1.0	0.37	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Cyclohexane	ND		1.0	0.23	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.48	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1

Client Sample ID: SSHS-IRM5A2-SCV7-0.5-1 Lab Sample ID: 180-147957-9

Date Collected: 11/15/22 15:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 86.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.0	0.19	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,2-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,3-Dichlorobenzene	ND		1.0	0.38	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Dichlorobromomethane	ND		1.0	0.27	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,2-Dichloroethane	ND		1.0	0.31	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,2-Dichloroethene, Total	ND		2.1	0.40	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,2-Dichloropropane	ND		1.0	0.44	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,4-Dioxane	ND		100	9.5	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Ethylbenzene	ND		1.0	0.21	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
2-Hexanone	ND		5.2	1.8	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Isopropylbenzene	ND		1.0	0.30	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Methyl acetate	ND		5.2	4.5	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Methylcyclohexane	ND		1.0	0.52	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Methylene Chloride	ND		2.1	1.2	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.2	1.6	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Methyl tert-butyl ether	ND		1.0	0.53	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
m-Xylene & p-Xylene	**0.32**	**J**	1.0	0.18	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Styrene	ND		1.0	0.29	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Tetrachloroethene	ND		1.0	0.32	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Toluene	**0.56**	**J**	1.0	0.24	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
trans-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,2,3-Trichlorobenzene	ND		1.0	0.19	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Trichloroethene	ND		1.0	0.33	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Trichlorofluoromethane	ND		1.0	0.42	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Vinyl chloride	ND		1.0	0.57	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1
Xylenes, Total	**0.32**	**J**	2.1	0.18	ug/Kg	☼	11/17/22 17:50	11/21/22 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*75 - 139*	*11/17/22 17:50*	*11/21/22 01:46*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*	*11/17/22 17:50*	*11/21/22 01:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*72 - 145*	*11/17/22 17:50*	*11/21/22 01:46*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*11/17/22 17:50*	*11/21/22 01:46*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Acenaphthylene	**36**	**J**	380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Acetophenone	ND		380	19	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Anthracene	**15**	**J**	380	12	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV7-0.5-1 **Lab Sample ID: 180-147957-9**
Date Collected: 11/15/22 15:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 86.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		150	23	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Benzaldehyde	ND		380	63	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Benzo[a]anthracene	**97**		38	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Benzo[a]pyrene	**95**		38	10	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Benzo[b]fluoranthene	**140**		38	9.9	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Benzo[g,h,i]perylene	**75**	**J**	380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Benzo[k]fluoranthene	**53**		38	7.5	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Bis(2-chloroethoxy)methane	ND		380	30	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Caprolactam	ND		380	60	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Carbazole	ND		380	15	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
4-Chloroaniline	ND		380	68	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
4-Chloro-3-methylphenol	ND		380	22	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2-Chloronaphthalene	ND		380	18	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2-Chlorophenol	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
4-Chlorophenyl phenyl ether	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Chrysene	**110**	**J**	380	6.5	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Dibenz(a,h)anthracene	**17**	**J**	38	17	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Dibenzofuran	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
3,3'-Dichlorobenzidine	ND		150	58	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2,4-Dichlorophenol	ND		150	25	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2,4-Dimethylphenol	ND		380	46	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Dimethyl phthalate	ND		380	87	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Di-n-butyl phthalate	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2,4-Dinitrophenol	ND	*+	310	190	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2,4-Dinitrotoluene	ND		78	41	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2,6-Dinitrotoluene	ND		78	28	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Di-n-octyl phthalate	ND		380	20	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
1,4-Dioxane	ND		38	34	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Fluoranthene	**160**	**J**	380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Fluorene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Hexachlorobutadiene	ND		78	8.2	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Hexachlorocyclopentadiene	ND		380	34	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Hexachloroethane	ND		38	13	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Indeno[1,2,3-cd]pyrene	**90**		38	15	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2-Methylnaphthalene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2-Methylphenol	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Methylphenol, 3 & 4	ND		380	24	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Naphthalene	**16**	**J**	380	6.6	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
3-Nitroaniline	ND		380	91	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1

Client Sample ID: SSHS-IRM5A2-SCV7-0.5-1 — Lab Sample ID: 180-147957-9

Date Collected: 11/15/22 15:05 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 86.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		380	44	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Nitrobenzene	ND		38	21	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2-Nitrophenol	ND		380	38	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
4-Nitrophenol	ND		780	63	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
N-Nitrosodi-n-propylamine	ND		38	28	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
N-Nitrosodiphenylamine	ND		380	32	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2,2'-oxybis[1-chloropropane]	ND		380	6.9	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Pentachlorophenol	ND		310	79	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Phenanthrene	**77**	**J**	380	6.7	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Phenol	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
Pyrene	**180**	**J**	380	9.5	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
1,2,4,5-Tetrachlorobenzene	ND		380	12	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2,3,4,6-Tetrachlorophenol	ND		380	26	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2,4,5-Trichlorophenol	ND		380	39	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1
2,4,6-Trichlorophenol	ND		150	49	ug/Kg	☼	11/17/22 22:33	11/19/22 07:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*22 - 122*	*11/17/22 22:33*	*11/19/22 07:25*	*1*
2-Fluorophenol (Surr)	*85*		*18 - 123*	*11/17/22 22:33*	*11/19/22 07:25*	*1*
Nitrobenzene-d5 (Surr)	*95*		*16 - 125*	*11/17/22 22:33*	*11/19/22 07:25*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*11/17/22 22:33*	*11/19/22 07:25*	*1*
Terphenyl-d14 (Surr)	*103*		*25 - 126*	*11/17/22 22:33*	*11/19/22 07:25*	*1*
2,4,6-Tribromophenol (Surr)	*110*		*10 - 123*	*11/17/22 22:33*	*11/19/22 07:25*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	11/18/22 10:19	11/29/22 06:45	1
PCB-1221	ND		19	6.9	ug/Kg	☼	11/18/22 10:19	11/29/22 06:45	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:19	11/29/22 06:45	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:19	11/29/22 06:45	1
PCB-1248	ND		19	4.7	ug/Kg	☼	11/18/22 10:19	11/29/22 06:45	1
PCB-1254	ND		19	5.8	ug/Kg	☼	11/18/22 10:19	11/29/22 06:45	1
PCB-1260	ND		19	5.5	ug/Kg	☼	11/18/22 10:19	11/29/22 06:45	1
PCB-1262	ND		19	6.8	ug/Kg	☼	11/18/22 10:19	11/29/22 06:45	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:19	11/29/22 06:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*63 - 138*	*11/18/22 10:19*	*11/29/22 06:45*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*11/18/22 10:19*	*11/29/22 06:45*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*55 - 135*	*11/18/22 10:19*	*11/29/22 06:45*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*55 - 135*	*11/18/22 10:19*	*11/29/22 06:45*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7700**		17	4.6	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Antimony	ND		1.7	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Arsenic	**5.5**		1.3	0.27	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Barium	**100**		17	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Beryllium	**0.40**	**J**	0.43	0.046	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Cadmium	**0.34**	**J**	0.43	0.041	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1

Client Sample ID: SSHS-IRM5A2-SCV7-0.5-1 — Lab Sample ID: 180-147957-9

Date Collected: 11/15/22 15:05 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 86.0**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	2200		430	31	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Chromium	10		0.86	0.29	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Cobalt	7.4		0.86	0.17	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Copper	180		2.1	0.20	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Iron	16000		17	5.9	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Lead	38		0.86	0.24	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Magnesium	2100		430	39	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Manganese	400		1.3	0.95	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Nickel	17		3.4	0.20	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Potassium	600		430	68	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Selenium	ND		1.7	0.40	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Silver	ND		0.86	0.069	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Sodium	ND		430	54	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Thallium	ND		1.7	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Vanadium	11		4.3	0.70	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1
Zinc	160		4.3	1.2	mg/Kg	☼	11/16/22 15:00	11/17/22 19:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054	J	0.10	0.018	mg/Kg	☼	11/16/22 15:00	11/17/22 11:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.0		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	86.0		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5 — Lab Sample ID: 180-147957-10

Date Collected: 11/15/22 15:10 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 86.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F1	5.0	4.8	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Benzene	ND	F2	0.84	0.22	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Bromoform	ND	F2 F1	0.84	0.36	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Bromomethane	ND	F2 F1	1.7	0.84	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
2-Butanone (MEK)	ND	F2	4.2	0.31	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Carbon disulfide	ND	F2	0.84	0.22	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Carbon tetrachloride	ND	F2	0.84	0.32	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Chlorobenzene	ND	F2 F1	0.84	0.15	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Chlorobromomethane	ND	F2	0.84	0.24	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Chlorodibromomethane	ND	F2	0.84	0.16	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Chloroethane	ND	F2	0.84	0.44	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Chloroform	ND	F2	0.84	0.81	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Chloromethane	ND	F2	0.84	0.36	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
cis-1,2-Dichloroethene	ND	F2	0.84	0.30	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
cis-1,3-Dichloropropene	ND	F2 F1	0.84	0.23	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Cyclohexane	ND	F2	0.84	0.19	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,2-Dibromo-3-Chloropropane	ND	F2	0.84	0.39	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,2-Dibromoethane	ND	F2 F1	0.84	0.15	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5 **Lab Sample ID: 180-147957-10**
Date Collected: 11/15/22 15:10 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 86.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	F2 F1	0.84	0.30	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,3-Dichlorobenzene	ND	F2 F1	0.84	0.31	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,4-Dichlorobenzene	ND	F2 F1	0.84	0.19	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Dichlorobromomethane	ND	F2	0.84	0.22	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Dichlorodifluoromethane	ND		0.84	0.28	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,1-Dichloroethane	ND	F2	0.84	0.17	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,2-Dichloroethane	ND	F2	0.84	0.25	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,1-Dichloroethene	ND	F2	0.84	0.19	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,2-Dichloroethene, Total	ND	F2	1.7	0.32	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,2-Dichloropropane	ND	F2	0.84	0.35	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,4-Dioxane	ND	F2	84	7.7	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Ethylbenzene	ND	F2	0.84	0.17	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
2-Hexanone	ND	F2 F1	4.2	1.4	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Isopropylbenzene	ND	F2 F1	0.84	0.24	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Methyl acetate	ND	F2	4.2	3.6	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Methylcyclohexane	ND	F2	0.84	0.42	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Methylene Chloride	ND	F2	1.7	0.96	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
4-Methyl-2-pentanone (MIBK)	ND	F2 F1	4.2	1.3	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Methyl tert-butyl ether	ND	F2	0.84	0.43	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
m-Xylene & p-Xylene	ND	F2 F1	0.84	0.15	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
o-Xylene	ND	F2	0.84	0.16	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Styrene	ND	F2 F1	0.84	0.23	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,1,2,2-Tetrachloroethane	ND	F2	0.84	0.18	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Tetrachloroethene	ND	F2	0.84	0.26	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Toluene	ND	F2	0.84	0.20	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
trans-1,2-Dichloroethene	ND	F2	0.84	0.21	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
trans-1,3-Dichloropropene	ND	F2 F1	0.84	0.22	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,2,3-Trichlorobenzene	ND	F2 F1	0.84	0.15	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,2,4-Trichlorobenzene	ND	F2 F1	0.84	0.30	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,1,1-Trichloroethane	ND	F2	0.84	0.20	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,1,2-Trichloroethane	ND	F2	0.84	0.15	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Trichloroethene	ND	F2 F1	0.84	0.27	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Trichlorofluoromethane	ND	F2	0.84	0.34	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	0.84	0.25	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Vinyl chloride	ND	F2 F1	0.84	0.46	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1
Xylenes, Total	ND	F2 F1	1.7	0.15	ug/Kg	☼	11/17/22 17:51	11/21/22 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*75 - 139*	*11/17/22 17:51*	*11/21/22 02:11*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*	*11/17/22 17:51*	*11/21/22 02:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 145*	*11/17/22 17:51*	*11/21/22 02:11*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/17/22 17:51*	*11/21/22 02:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Acenaphthylene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Acetophenone	ND		380	19	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Anthracene	ND		380	12	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Atrazine	ND		150	23	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5 **Lab Sample ID: 180-147957-10**
Date Collected: 11/15/22 15:10 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 86.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		380	63	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Benzo[a]anthracene	ND		38	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Benzo[a]pyrene	ND		38	10	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Benzo[b]fluoranthene	ND		38	9.9	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Benzo[g,h,i]perylene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Benzo[k]fluoranthene	ND		38	7.5	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Bis(2-chloroethoxy)methane	ND		380	30	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Caprolactam	ND		380	60	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Carbazole	ND		380	15	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
4-Chloroaniline	ND		380	68	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
4-Chloro-3-methylphenol	ND		380	21	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2-Chloronaphthalene	ND		380	18	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2-Chlorophenol	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
4-Chlorophenyl phenyl ether	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Chrysene	**7.3**	**J**	380	6.5	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Dibenz(a,h)anthracene	ND		38	17	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Dibenzofuran	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
3,3'-Dichlorobenzidine	ND		150	58	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2,4-Dichlorophenol	ND		150	25	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2,4-Dimethylphenol	ND		380	46	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Dimethyl phthalate	ND		380	87	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Di-n-butyl phthalate	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2,4-Dinitrophenol	ND	*+	310	190	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2,4-Dinitrotoluene	ND		77	41	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2,6-Dinitrotoluene	ND		77	28	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Di-n-octyl phthalate	ND		380	20	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
1,4-Dioxane	ND		38	33	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Fluoranthene	ND		380	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Fluorene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Hexachlorobutadiene	ND		77	8.1	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Hexachlorocyclopentadiene	ND		380	34	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Hexachloroethane	ND		38	13	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Indeno[1,2,3-cd]pyrene	ND		38	15	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2-Methylnaphthalene	ND		380	11	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2-Methylphenol	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Methylphenol, 3 & 4	ND		380	24	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Naphthalene	ND		380	6.6	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
3-Nitroaniline	ND		380	91	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
4-Nitroaniline	ND		380	44	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1

Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5 Lab Sample ID: 180-147957-10

Date Collected: 11/15/22 15:10 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 86.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		38	21	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2-Nitrophenol	ND		380	38	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
4-Nitrophenol	ND		770	62	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
N-Nitrosodi-n-propylamine	ND		38	28	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
N-Nitrosodiphenylamine	ND		380	31	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2,2'-oxybis[1-chloropropane]	ND		380	6.9	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Pentachlorophenol	ND		310	78	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Phenanthrene	ND		380	6.7	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Phenol	ND		380	14	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
Pyrene	**11**	**J**	380	9.5	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
1,2,4,5-Tetrachlorobenzene	ND		380	12	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2,3,4,6-Tetrachlorophenol	ND		380	26	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2,4,5-Trichlorophenol	ND		380	39	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1
2,4,6-Trichlorophenol	ND		150	49	ug/Kg	☼	11/17/22 22:33	11/19/22 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*22 - 122*	*11/17/22 22:33*	*11/19/22 05:41*	*1*
2-Fluorophenol (Surr)	*72*		*18 - 123*	*11/17/22 22:33*	*11/19/22 05:41*	*1*
Nitrobenzene-d5 (Surr)	*80*		*16 - 125*	*11/17/22 22:33*	*11/19/22 05:41*	*1*
Phenol-d5 (Surr)	*74*		*23 - 120*	*11/17/22 22:33*	*11/19/22 05:41*	*1*
Terphenyl-d14 (Surr)	*90*		*25 - 126*	*11/17/22 22:33*	*11/19/22 05:41*	*1*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 123*	*11/17/22 22:33*	*11/19/22 05:41*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	11/18/22 10:19	11/29/22 02:38	1
PCB-1221	ND		19	6.6	ug/Kg	☼	11/18/22 10:19	11/29/22 02:38	1
PCB-1232	ND		19	4.6	ug/Kg	☼	11/18/22 10:19	11/29/22 02:38	1
PCB-1242	ND		19	2.7	ug/Kg	☼	11/18/22 10:19	11/29/22 02:38	1
PCB-1248	ND		19	4.5	ug/Kg	☼	11/18/22 10:19	11/29/22 02:38	1
PCB-1254	ND		19	5.6	ug/Kg	☼	11/18/22 10:19	11/29/22 02:38	1
PCB-1260	ND		19	5.3	ug/Kg	☼	11/18/22 10:19	11/29/22 02:38	1
PCB-1262	ND		19	6.6	ug/Kg	☼	11/18/22 10:19	11/29/22 02:38	1
PCB-1268	ND		19	2.5	ug/Kg	☼	11/18/22 10:19	11/29/22 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*11/18/22 10:19*	*11/29/22 02:38*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*	*11/18/22 10:19*	*11/29/22 02:38*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*55 - 135*	*11/18/22 10:19*	*11/29/22 02:38*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*55 - 135*	*11/18/22 10:19*	*11/29/22 02:38*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8700**		21	5.7	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Antimony	ND	F1	2.1	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Arsenic	**6.3**		1.6	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Barium	**65**		21	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Beryllium	**0.40**	**J**	0.54	0.058	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Cadmium	**0.090**	**J**	0.54	0.052	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Calcium	**8800**	**F1**	540	39	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1

Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5 — Lab Sample ID: 180-147957-10

Date Collected: 11/15/22 15:10 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 86.3**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	13		1.1	0.37	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Cobalt	8.7		1.1	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Copper	16		2.7	0.25	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Iron	19000		21	7.4	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Lead	15		1.1	0.30	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Magnesium	3400		540	49	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Manganese	450		1.6	1.2	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Nickel	20		4.3	0.25	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Potassium	690		540	85	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Selenium	ND		2.1	0.50	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Silver	ND		1.1	0.087	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Sodium	ND		540	67	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Thallium	ND		2.1	0.43	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Vanadium	12		5.4	0.88	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1
Zinc	62		5.4	1.5	mg/Kg	☼	11/16/22 15:00	11/17/22 18:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031	J	0.11	0.019	mg/Kg	☼	11/16/22 15:00	11/17/22 10:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.7		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	86.3		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV5-0-0.5 — Lab Sample ID: 180-147957-11

Date Collected: 11/15/22 15:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	11		7.4	7.1	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Benzene	ND		1.2	0.32	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Bromoform	ND		1.2	0.53	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Bromomethane	ND		2.5	1.2	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
2-Butanone (MEK)	ND		6.2	0.46	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Carbon disulfide	ND		1.2	0.33	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Carbon tetrachloride	ND		1.2	0.48	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Chlorobenzene	ND		1.2	0.22	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Chlorobromomethane	ND		1.2	0.35	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Chlorodibromomethane	ND		1.2	0.24	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Chloroethane	ND		1.2	0.65	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Chloroform	ND		1.2	1.2	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Chloromethane	ND		1.2	0.54	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
cis-1,2-Dichloroethene	ND		1.2	0.44	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
cis-1,3-Dichloropropene	ND		1.2	0.34	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Cyclohexane	ND		1.2	0.27	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,2-Dibromo-3-Chloropropane	ND		1.2	0.57	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,2-Dibromoethane	ND		1.2	0.22	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,2-Dichlorobenzene	ND		1.2	0.45	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV5-0-0.5
Lab Sample ID: 180-147957-11
Date Collected: 11/15/22 15:15
Matrix: Solid
Date Received: 11/16/22 09:00
Percent Solids: 85.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.2	0.45	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,4-Dichlorobenzene	ND		1.2	0.28	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Dichlorobromomethane	ND		1.2	0.32	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Dichlorodifluoromethane	ND		1.2	0.42	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,1-Dichloroethane	ND		1.2	0.26	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,2-Dichloroethane	ND		1.2	0.37	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,1-Dichloroethene	ND		1.2	0.28	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,2-Dichloroethene, Total	ND		2.5	0.47	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,2-Dichloropropane	ND		1.2	0.53	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,4-Dioxane	ND		120	11	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Ethylbenzene	ND		1.2	0.25	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
2-Hexanone	ND		6.2	2.1	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Isopropylbenzene	ND		1.2	0.35	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Methyl acetate	ND		6.2	5.3	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Methylcyclohexane	ND		1.2	0.62	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Methylene Chloride	ND		2.5	1.4	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
4-Methyl-2-pentanone (MIBK)	ND		6.2	1.9	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Methyl tert-butyl ether	ND		1.2	0.64	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
m-Xylene & p-Xylene	ND		1.2	0.22	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
o-Xylene	ND		1.2	0.24	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Styrene	ND		1.2	0.35	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,1,2,2-Tetrachloroethane	ND		1.2	0.27	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Tetrachloroethene	ND		1.2	0.38	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Toluene	**0.63**	**J**	1.2	0.29	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
trans-1,2-Dichloroethene	ND		1.2	0.31	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
trans-1,3-Dichloropropene	ND		1.2	0.33	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,2,3-Trichlorobenzene	ND		1.2	0.22	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,2,4-Trichlorobenzene	ND		1.2	0.44	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,1,1-Trichloroethane	ND		1.2	0.29	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,1,2-Trichloroethane	ND		1.2	0.22	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Trichloroethene	ND		1.2	0.40	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Trichlorofluoromethane	ND		1.2	0.50	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	0.37	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Vinyl chloride	ND		1.2	0.68	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1
Xylenes, Total	ND		2.5	0.22	ug/Kg	☼	11/17/22 17:52	11/21/22 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*114*		*75 - 139*	*11/17/22 17:52*	*11/21/22 02:35*	*1*
Dibromofluoromethane (Surr)	*105*		*73 - 139*	*11/17/22 17:52*	*11/21/22 02:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*	*11/17/22 17:52*	*11/21/22 02:35*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*11/17/22 17:52*	*11/21/22 02:35*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Acenaphthylene	**68**	**J**	390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Acetophenone	ND		390	19	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Anthracene	**31**	**J**	390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Atrazine	ND		160	23	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Benzaldehyde	ND		390	64	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1

Client Sample ID: SSHS-IRM5A2-SCV5-0-0.5 **Lab Sample ID: 180-147957-11**
Date Collected: 11/15/22 15:15 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**220**		39	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Benzo[a]pyrene	**210**		39	10	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Benzo[b]fluoranthene	**290**		39	10	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Benzo[g,h,i]perylene	**160**	**J**	390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Benzo[k]fluoranthene	**120**		39	7.6	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
1,1'-Biphenyl	ND		390	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Bis(2-chloroethoxy)methane	ND		390	30	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Bis(2-chloroethyl)ether	ND		39	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Bis(2-ethylhexyl) phthalate	ND		390	21	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
4-Bromophenyl phenyl ether	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Butyl benzyl phthalate	ND		390	18	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Caprolactam	ND		390	60	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Carbazole	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
4-Chloroaniline	ND		390	69	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Chrysene	**250**	**J**	390	6.6	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Dibenz(a,h)anthracene	**48**		39	17	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Dibenzofuran	ND		390	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
3,3'-Dichlorobenzidine	ND		160	59	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Diethyl phthalate	ND		390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2,4-Dimethylphenol	ND		390	46	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Dimethyl phthalate	ND		390	88	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Di-n-butyl phthalate	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2,4-Dinitrophenol	ND	*+	310	190	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2,4-Dinitrotoluene	ND		79	42	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2,6-Dinitrotoluene	ND		79	28	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Di-n-octyl phthalate	ND		390	21	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
1,4-Dioxane	ND		39	34	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Fluoranthene	**360**	**J**	390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Fluorene	**11**	**J**	390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Hexachlorobenzene	ND		39	18	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Hexachlorobutadiene	ND		79	8.3	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Hexachlorocyclopentadiene	ND		390	34	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Hexachloroethane	ND		39	13	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Indeno[1,2,3-cd]pyrene	**190**		39	15	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Isophorone	ND		160	110	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2-Methylnaphthalene	**13**	**J**	390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2-Methylphenol	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Methylphenol, 3 & 4	ND		390	24	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Naphthalene	**17**	**J**	390	6.7	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
3-Nitroaniline	ND		390	92	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
4-Nitroaniline	ND		390	45	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Nitrobenzene	ND		39	22	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1

Client Sample ID: SSHS-IRM5A2-SCV5-0-0.5 **Lab Sample ID: 180-147957-11**
Date Collected: 11/15/22 15:15 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		390	39	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
4-Nitrophenol	ND		790	63	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
N-Nitrosodi-n-propylamine	ND		39	28	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
N-Nitrosodiphenylamine	ND		390	32	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2,2'-oxybis[1-chloropropane]	ND		390	7.0	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Pentachlorophenol	ND		310	79	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Phenanthrene	**110**	**J**	390	6.8	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Phenol	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
Pyrene	**390**		390	9.6	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
1,2,4,5-Tetrachlorobenzene	ND		390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2,3,4,6-Tetrachlorophenol	ND		390	26	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2,4,5-Trichlorophenol	ND		390	40	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1
2,4,6-Trichlorophenol	ND		160	50	ug/Kg	☼	11/17/22 22:33	11/19/22 08:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*22 - 122*	*11/17/22 22:33*	*11/19/22 08:51*	*1*
2-Fluorophenol (Surr)	*74*		*18 - 123*	*11/17/22 22:33*	*11/19/22 08:51*	*1*
Nitrobenzene-d5 (Surr)	*84*		*16 - 125*	*11/17/22 22:33*	*11/19/22 08:51*	*1*
Phenol-d5 (Surr)	*76*		*23 - 120*	*11/17/22 22:33*	*11/19/22 08:51*	*1*
Terphenyl-d14 (Surr)	*91*		*25 - 126*	*11/17/22 22:33*	*11/19/22 08:51*	*1*
2,4,6-Tribromophenol (Surr)	*98*		*10 - 123*	*11/17/22 22:33*	*11/19/22 08:51*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	11/18/22 10:19	11/29/22 07:04	1
PCB-1221	ND		19	6.9	ug/Kg	☼	11/18/22 10:19	11/29/22 07:04	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:19	11/29/22 07:04	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:19	11/29/22 07:04	1
PCB-1248	ND		19	4.7	ug/Kg	☼	11/18/22 10:19	11/29/22 07:04	1
PCB-1254	ND		19	5.8	ug/Kg	☼	11/18/22 10:19	11/29/22 07:04	1
PCB-1260	ND		19	5.5	ug/Kg	☼	11/18/22 10:19	11/29/22 07:04	1
PCB-1262	ND		19	6.8	ug/Kg	☼	11/18/22 10:19	11/29/22 07:04	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:19	11/29/22 07:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/18/22 10:19*	*11/29/22 07:04*	*1*
DCB Decachlorobiphenyl (Surr)	*66*		*63 - 138*	*11/18/22 10:19*	*11/29/22 07:04*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*55 - 135*	*11/18/22 10:19*	*11/29/22 07:04*	*1*
Tetrachloro-m-xylene (Surr)	*73*		*55 - 135*	*11/18/22 10:19*	*11/29/22 07:04*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7200**		21	5.6	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Antimony	ND		2.1	0.38	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Arsenic	**9.2**		1.6	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Barium	**98**		21	0.38	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Beryllium	**0.39**	**J**	0.52	0.057	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Cadmium	**0.62**		0.52	0.050	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Calcium	**5800**		520	38	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Chromium	**10**		1.0	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1

Client Sample ID: SSHS-IRM5A2-SCV5-0-0.5 — Lab Sample ID: 180-147957-11

Date Collected: 11/15/22 15:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.1**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.7		1.0	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Copper	26		2.6	0.25	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Iron	15000		21	7.3	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Lead	89		1.0	0.30	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Magnesium	1800		520	48	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Manganese	420		1.6	1.2	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Nickel	16		4.2	0.24	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Potassium	620		520	83	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Selenium	0.74	J	2.1	0.49	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Silver	0.15	J	1.0	0.085	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Sodium	ND		520	66	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Thallium	ND		2.1	0.42	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Vanadium	13		5.2	0.86	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1
Zinc	130		5.2	1.4	mg/Kg	☼	11/16/22 15:00	11/17/22 19:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.12	0.021	mg/Kg	☼	11/16/22 15:00	11/17/22 11:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.9		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	85.1		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV4-0-0.5 — Lab Sample ID: 180-147957-12

Date Collected: 11/15/22 15:20 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		7.2	6.9	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Benzene	ND		1.2	0.31	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Bromoform	ND		1.2	0.51	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Bromomethane	ND		2.4	1.2	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
2-Butanone (MEK)	ND		6.0	0.44	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Carbon disulfide	ND		1.2	0.32	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Carbon tetrachloride	ND		1.2	0.47	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Chlorobenzene	ND		1.2	0.21	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Chlorobromomethane	ND		1.2	0.34	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Chlorodibromomethane	ND		1.2	0.23	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Chloroethane	ND		1.2	0.63	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Chloroform	ND		1.2	1.2	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Chloromethane	ND		1.2	0.52	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
cis-1,2-Dichloroethene	ND		1.2	0.43	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
cis-1,3-Dichloropropene	ND		1.2	0.33	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Cyclohexane	ND		1.2	0.27	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,2-Dibromo-3-Chloropropane	ND		1.2	0.55	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,2-Dibromoethane	ND		1.2	0.22	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,2-Dichlorobenzene	ND		1.2	0.43	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,3-Dichlorobenzene	ND		1.2	0.44	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV4-0-0.5 **Lab Sample ID: 180-147957-12**
Date Collected: 11/15/22 15:20 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.2	0.27	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Dichlorobromomethane	ND		1.2	0.31	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Dichlorodifluoromethane	ND		1.2	0.41	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,1-Dichloroethane	ND		1.2	0.25	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,2-Dichloroethane	ND		1.2	0.36	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,1-Dichloroethene	ND		1.2	0.27	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,2-Dichloroethene, Total	ND		2.4	0.46	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,2-Dichloropropane	ND		1.2	0.51	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,4-Dioxane	ND		120	11	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Ethylbenzene	ND		1.2	0.24	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
2-Hexanone	ND		6.0	2.1	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Isopropylbenzene	ND		1.2	0.34	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Methyl acetate	ND		6.0	5.2	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Methylcyclohexane	ND		1.2	0.60	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Methylene Chloride	ND		2.4	1.4	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
4-Methyl-2-pentanone (MIBK)	ND		6.0	1.9	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Methyl tert-butyl ether	ND		1.2	0.62	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
m-Xylene & p-Xylene	ND		1.2	0.21	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
o-Xylene	ND		1.2	0.23	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Styrene	ND		1.2	0.33	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,1,2,2-Tetrachloroethane	ND		1.2	0.26	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Tetrachloroethene	ND		1.2	0.37	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Toluene	ND		1.2	0.28	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
trans-1,2-Dichloroethene	ND		1.2	0.30	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
trans-1,3-Dichloropropene	ND		1.2	0.32	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,2,3-Trichlorobenzene	ND		1.2	0.22	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,2,4-Trichlorobenzene	ND		1.2	0.43	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,1,1-Trichloroethane	ND		1.2	0.28	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,1,2-Trichloroethane	ND		1.2	0.21	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Trichloroethene	ND		1.2	0.39	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Trichlorofluoromethane	ND		1.2	0.49	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	0.36	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Vinyl chloride	ND		1.2	0.66	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1
Xylenes, Total	ND		2.4	0.21	ug/Kg	☼	11/17/22 17:52	11/21/22 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*114*		*75 - 139*	*11/17/22 17:52*	*11/21/22 03:01*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 139*	*11/17/22 17:52*	*11/21/22 03:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 145*	*11/17/22 17:52*	*11/21/22 03:01*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*11/17/22 17:52*	*11/21/22 03:01*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**30**	**J**	390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Acenaphthylene	**26**	**J**	390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Acetophenone	ND		390	19	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Anthracene	**75**	**J**	390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Atrazine	ND		160	23	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Benzaldehyde	ND		390	65	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Benzo[a]anthracene	**260**		39	14	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1

Client Sample ID: SSHS-IRM5A2-SCV4-0-0.5 **Lab Sample ID: 180-147957-12**
Date Collected: 11/15/22 15:20 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**240**		39	11	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Benzo[b]fluoranthene	**330**		39	10	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Benzo[g,h,i]perylene	**150**	**J**	390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Benzo[k]fluoranthene	**130**		39	7.8	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
1,1'-Biphenyl	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Bis(2-chloroethoxy)methane	ND		390	31	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Bis(2-chloroethyl)ether	ND		39	14	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Bis(2-ethylhexyl) phthalate	ND		390	21	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
4-Bromophenyl phenyl ether	ND		390	16	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Butyl benzyl phthalate	ND		390	19	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Caprolactam	ND		390	62	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Carbazole	**34**	**J**	390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
4-Chloroaniline	ND		390	70	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Chrysene	**260**	**J**	390	6.7	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Dibenz(a,h)anthracene	**47**		39	17	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Dibenzofuran	**16**	**J**	390	13	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
3,3'-Dichlorobenzidine	ND		160	60	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Diethyl phthalate	ND		390	13	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2,4-Dimethylphenol	ND		390	47	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Dimethyl phthalate	ND		390	90	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Di-n-butyl phthalate	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2,4-Dinitrophenol	ND	*+	320	190	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2,4-Dinitrotoluene	ND		80	43	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2,6-Dinitrotoluene	ND		80	29	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Di-n-octyl phthalate	ND		390	21	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
1,4-Dioxane	ND		39	35	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Fluoranthene	**510**		390	14	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Fluorene	**27**	**J**	390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Hexachlorobenzene	ND		39	19	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Hexachlorobutadiene	ND		80	8.4	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Hexachlorocyclopentadiene	ND		390	35	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Hexachloroethane	ND		39	14	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Indeno[1,2,3-cd]pyrene	**190**		39	15	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Isophorone	ND		160	110	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2-Methylnaphthalene	ND		390	11	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2-Methylphenol	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Methylphenol, 3 & 4	ND		390	25	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Naphthalene	**12**	**J**	390	6.8	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
3-Nitroaniline	ND		390	94	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
4-Nitroaniline	ND		390	45	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Nitrobenzene	ND		39	22	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2-Nitrophenol	ND		390	40	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1

Client Sample ID: SSHS-IRM5A2-SCV4-0-0.5 Lab Sample ID: 180-147957-12

Date Collected: 11/15/22 15:20 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		800	65	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
N-Nitrosodi-n-propylamine	ND		39	29	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
N-Nitrosodiphenylamine	ND		390	33	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2,2'-oxybis[1-chloropropane]	ND		390	7.2	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Pentachlorophenol	ND		320	81	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Phenanthrene	**320**	**J**	390	7.0	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Phenol	ND		390	15	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
Pyrene	**460**		390	9.8	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
1,2,4,5-Tetrachlorobenzene	ND		390	12	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2,3,4,6-Tetrachlorophenol	ND		390	27	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2,4,5-Trichlorophenol	ND		390	40	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1
2,4,6-Trichlorophenol	ND		160	51	ug/Kg	☼	11/17/22 22:33	11/19/22 09:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*22 - 122*	*11/17/22 22:33*	*11/19/22 09:09*	*1*
2-Fluorophenol (Surr)	*72*		*18 - 123*	*11/17/22 22:33*	*11/19/22 09:09*	*1*
Nitrobenzene-d5 (Surr)	*81*		*16 - 125*	*11/17/22 22:33*	*11/19/22 09:09*	*1*
Phenol-d5 (Surr)	*74*		*23 - 120*	*11/17/22 22:33*	*11/19/22 09:09*	*1*
Terphenyl-d14 (Surr)	*88*		*25 - 126*	*11/17/22 22:33*	*11/19/22 09:09*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 123*	*11/17/22 22:33*	*11/19/22 09:09*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	11/18/22 10:19	11/29/22 07:23	1
PCB-1221	ND		20	6.9	ug/Kg	☼	11/18/22 10:19	11/29/22 07:23	1
PCB-1232	ND		20	4.8	ug/Kg	☼	11/18/22 10:19	11/29/22 07:23	1
PCB-1242	ND		20	2.9	ug/Kg	☼	11/18/22 10:19	11/29/22 07:23	1
PCB-1248	ND		20	4.7	ug/Kg	☼	11/18/22 10:19	11/29/22 07:23	1
PCB-1254	**8.7**	**J**	20	5.9	ug/Kg	☼	11/18/22 10:19	11/29/22 07:23	1
PCB-1260	ND		20	5.6	ug/Kg	☼	11/18/22 10:19	11/29/22 07:23	1
PCB-1262	ND		20	6.9	ug/Kg	☼	11/18/22 10:19	11/29/22 07:23	1
PCB-1268	ND		20	2.6	ug/Kg	☼	11/18/22 10:19	11/29/22 07:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*56*	*S1-*	*63 - 138*	*11/18/22 10:19*	*11/29/22 07:23*	*1*
DCB Decachlorobiphenyl (Surr)	*57*	*S1-*	*63 - 138*	*11/18/22 10:19*	*11/29/22 07:23*	*1*
Tetrachloro-m-xylene (Surr)	*64*		*55 - 135*	*11/18/22 10:19*	*11/29/22 07:23*	*1*
Tetrachloro-m-xylene (Surr)	*61*		*55 - 135*	*11/18/22 10:19*	*11/29/22 07:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7800**		22	5.9	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Antimony	ND		2.2	0.40	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Arsenic	**6.0**		1.7	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Barium	**66**		22	0.40	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Beryllium	**0.38**	**J**	0.55	0.060	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Cadmium	**0.19**	**J**	0.55	0.053	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Calcium	**6600**		550	40	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Chromium	**11**		1.1	0.38	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Cobalt	**8.3**		1.1	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1

Client Sample ID: SSHS-IRM5A2-SCV4-0-0.5 — Lab Sample ID: 180-147957-12

Date Collected: 11/15/22 15:20 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.5**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	19		2.8	0.26	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Iron	18000		22	7.7	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Lead	35		1.1	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Magnesium	3500		550	51	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Manganese	410		1.7	1.2	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Nickel	19		4.4	0.26	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Potassium	850		550	88	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Selenium	ND		2.2	0.52	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Silver	ND		1.1	0.090	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Sodium	ND		550	70	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Thallium	ND		2.2	0.44	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Vanadium	12		5.5	0.91	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1
Zinc	82		5.5	1.5	mg/Kg	☼	11/16/22 15:00	11/17/22 19:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031	J	0.10	0.018	mg/Kg	☼	11/16/22 15:00	11/17/22 11:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.5		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	83.5		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV3-0-0.5 — Lab Sample ID: 180-147957-13

Date Collected: 11/15/22 15:25 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 88.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.7	5.5	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Benzene	ND		0.96	0.25	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Bromoform	ND		0.96	0.41	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Bromomethane	ND		1.9	0.96	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
2-Butanone (MEK)	ND		4.8	0.35	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Carbon disulfide	ND		0.96	0.25	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Carbon tetrachloride	ND		0.96	0.37	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Chlorobenzene	ND		0.96	0.17	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Chlorobromomethane	ND		0.96	0.27	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Chlorodibromomethane	ND		0.96	0.19	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Chloroethane	ND		0.96	0.50	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Chloroform	ND		0.96	0.93	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Chloromethane	ND		0.96	0.42	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
cis-1,2-Dichloroethene	ND		0.96	0.34	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
cis-1,3-Dichloropropene	ND		0.96	0.26	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Cyclohexane	ND		0.96	0.21	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,2-Dibromo-3-Chloropropane	ND		0.96	0.44	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,2-Dibromoethane	ND		0.96	0.17	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,2-Dichlorobenzene	ND		0.96	0.34	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,3-Dichlorobenzene	ND		0.96	0.35	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,4-Dichlorobenzene	ND		0.96	0.21	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1

Client Sample ID: SSHS-IRM5A2-SCV3-0-0.5 **Lab Sample ID: 180-147957-13**
Date Collected: 11/15/22 15:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 88.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.96	0.25	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Dichlorodifluoromethane	ND		0.96	0.32	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,1-Dichloroethane	ND		0.96	0.20	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,2-Dichloroethane	ND		0.96	0.28	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,1-Dichloroethene	ND		0.96	0.21	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,2-Dichloroethene, Total	ND		1.9	0.36	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,2-Dichloropropane	ND		0.96	0.40	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,4-Dioxane	ND		96	8.8	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Ethylbenzene	ND		0.96	0.19	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
2-Hexanone	ND		4.8	1.6	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Isopropylbenzene	ND		0.96	0.27	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Methyl acetate	ND		4.8	4.1	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Methylcyclohexane	ND		0.96	0.48	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Methylene Chloride	ND		1.9	1.1	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
4-Methyl-2-pentanone (MIBK)	ND		4.8	1.5	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Methyl tert-butyl ether	ND		0.96	0.49	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
m-Xylene & p-Xylene	ND		0.96	0.17	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
o-Xylene	ND		0.96	0.19	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Styrene	ND		0.96	0.27	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,1,2,2-Tetrachloroethane	ND		0.96	0.20	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Tetrachloroethene	ND		0.96	0.29	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Toluene	**0.38**	**J**	0.96	0.22	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
trans-1,2-Dichloroethene	ND		0.96	0.23	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
trans-1,3-Dichloropropene	ND		0.96	0.25	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,2,3-Trichlorobenzene	ND		0.96	0.17	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,2,4-Trichlorobenzene	ND		0.96	0.34	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,1,1-Trichloroethane	ND		0.96	0.22	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,1,2-Trichloroethane	ND		0.96	0.17	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Trichloroethene	ND		0.96	0.31	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Trichlorofluoromethane	ND		0.96	0.39	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.96	0.29	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Vinyl chloride	ND		0.96	0.52	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1
Xylenes, Total	ND		1.9	0.17	ug/Kg	☼	11/17/22 17:53	11/21/22 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*85*		*75 - 139*	*11/17/22 17:53*	*11/21/22 03:26*	*1*
Dibromofluoromethane (Surr)	*96*		*73 - 139*	*11/17/22 17:53*	*11/21/22 03:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*72 - 145*	*11/17/22 17:53*	*11/21/22 03:26*	*1*
Toluene-d8 (Surr)	*85*		*80 - 120*	*11/17/22 17:53*	*11/21/22 03:26*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	11	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Acenaphthylene	ND		370	11	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Acetophenone	ND		370	18	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Anthracene	ND		370	11	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Atrazine	ND		150	22	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Benzaldehyde	ND		370	62	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Benzo[a]anthracene	**30**	**J**	37	13	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Benzo[a]pyrene	**22**	**J**	37	9.9	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1

Client Sample ID: SSHS-IRM5A2-SCV3-0-0.5 **Lab Sample ID: 180-147957-13**
Date Collected: 11/15/22 15:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 88.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**31**	**J**	37	9.6	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Benzo[g,h,i]perylene	**16**	**J**	370	11	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Benzo[k]fluoranthene	**11**	**J**	37	7.3	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Bis(2-ethylhexyl) phthalate	ND		370	20	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Butyl benzyl phthalate	ND		370	17	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Caprolactam	ND		370	58	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Carbazole	ND		370	14	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
4-Chloroaniline	ND		370	66	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Chrysene	**24**	**J**	370	6.3	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Dibenz(a,h)anthracene	ND		37	16	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Dibenzofuran	ND		370	12	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
3,3'-Dichlorobenzidine	ND		150	56	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2,4-Dimethylphenol	ND		370	44	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Dimethyl phthalate	ND		370	85	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Di-n-butyl phthalate	ND		370	14	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2,4-Dinitrophenol	ND	*+	300	180	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2,4-Dinitrotoluene	ND		75	40	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2,6-Dinitrotoluene	ND		75	27	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Di-n-octyl phthalate	ND		370	20	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
1,4-Dioxane	ND		37	33	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Fluoranthene	**34**	**J**	370	13	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Fluorene	ND		370	11	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Hexachlorobenzene	ND		37	18	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Hexachlorobutadiene	ND		75	7.9	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Hexachlorocyclopentadiene	ND		370	33	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Indeno[1,2,3-cd]pyrene	**19**	**J**	37	15	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2-Methylnaphthalene	ND		370	10	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Methylphenol, 3 & 4	ND		370	23	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Naphthalene	ND		370	6.4	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
3-Nitroaniline	ND		370	88	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
4-Nitroaniline	ND		370	43	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Nitrobenzene	ND		37	21	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2-Nitrophenol	ND		370	37	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
4-Nitrophenol	ND		750	61	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1

Client Sample ID: SSHS-IRM5A2-SCV3-0-0.5 Lab Sample ID: 180-147957-13

Date Collected: 11/15/22 15:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 88.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
N-Nitrosodiphenylamine	ND		370	31	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2,2'-oxybis[1-chloropropane]	ND		370	6.7	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Pentachlorophenol	ND		300	76	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Phenanthrene	**12**	**J**	370	6.5	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Phenol	ND		370	14	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
Pyrene	**32**	**J**	370	9.3	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
1,2,4,5-Tetrachlorobenzene	ND		370	12	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2,4,5-Trichlorophenol	ND		370	38	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	11/17/22 22:33	11/19/22 09:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*22 - 122*	*11/17/22 22:33*	*11/19/22 09:43*	*1*
2-Fluorophenol (Surr)	*74*		*18 - 123*	*11/17/22 22:33*	*11/19/22 09:43*	*1*
Nitrobenzene-d5 (Surr)	*84*		*16 - 125*	*11/17/22 22:33*	*11/19/22 09:43*	*1*
Phenol-d5 (Surr)	*76*		*23 - 120*	*11/17/22 22:33*	*11/19/22 09:43*	*1*
Terphenyl-d14 (Surr)	*92*		*25 - 126*	*11/17/22 22:33*	*11/19/22 09:43*	*1*
2,4,6-Tribromophenol (Surr)	*101*		*10 - 123*	*11/17/22 22:33*	*11/19/22 09:43*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	11/18/22 10:19	11/29/22 07:42	1
PCB-1221	ND		18	6.5	ug/Kg	☼	11/18/22 10:19	11/29/22 07:42	1
PCB-1232	ND		18	4.5	ug/Kg	☼	11/18/22 10:19	11/29/22 07:42	1
PCB-1242	ND		18	2.7	ug/Kg	☼	11/18/22 10:19	11/29/22 07:42	1
PCB-1248	ND		18	4.4	ug/Kg	☼	11/18/22 10:19	11/29/22 07:42	1
PCB-1254	ND		18	5.5	ug/Kg	☼	11/18/22 10:19	11/29/22 07:42	1
PCB-1260	ND		18	5.3	ug/Kg	☼	11/18/22 10:19	11/29/22 07:42	1
PCB-1262	ND		18	6.5	ug/Kg	☼	11/18/22 10:19	11/29/22 07:42	1
PCB-1268	ND		18	2.5	ug/Kg	☼	11/18/22 10:19	11/29/22 07:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/18/22 10:19*	*11/29/22 07:42*	*1*
DCB Decachlorobiphenyl (Surr)	*66*		*63 - 138*	*11/18/22 10:19*	*11/29/22 07:42*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*55 - 135*	*11/18/22 10:19*	*11/29/22 07:42*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*55 - 135*	*11/18/22 10:19*	*11/29/22 07:42*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		20	5.2	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Antimony	ND		2.0	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Arsenic	**6.4**		1.5	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Barium	**74**		20	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Beryllium	**0.52**		0.49	0.053	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Cadmium	**0.090**	**J**	0.49	0.047	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Calcium	**2000**		490	36	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Chromium	**13**		0.98	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Cobalt	**9.5**		0.98	0.20	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Copper	**14**		2.5	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1

Client Sample ID: SSHS-IRM5A2-SCV3-0-0.5 — Lab Sample ID: 180-147957-13

Date Collected: 11/15/22 15:25 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 88.4**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	21000		20	6.8	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Lead	17		0.98	0.28	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Magnesium	3100		490	45	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Manganese	560		1.5	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Nickel	20		3.9	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Potassium	740		490	78	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Selenium	ND		2.0	0.46	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Silver	ND		0.98	0.080	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Sodium	ND		490	62	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Thallium	ND		2.0	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Vanadium	16		4.9	0.81	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1
Zinc	61		4.9	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 19:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040	J	0.11	0.020	mg/Kg	☼	11/16/22 15:00	11/17/22 11:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.6		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	88.4		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV2-0-0.5 — Lab Sample ID: 180-147957-14

Date Collected: 11/15/22 15:30 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	19		15	14	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Benzene	ND		2.4	0.63	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Bromoform	ND		2.4	1.0	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Bromomethane	ND		4.9	2.4	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
2-Butanone (MEK)	ND		12	0.90	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Carbon disulfide	ND		2.4	0.65	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Carbon tetrachloride	ND		2.4	0.95	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Chlorobenzene	ND		2.4	0.43	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Chlorobromomethane	ND		2.4	0.69	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Chlorodibromomethane	ND		2.4	0.47	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Chloroethane	ND		2.4	1.3	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Chloroform	ND		2.4	2.4	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Chloromethane	ND		2.4	1.1	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
cis-1,2-Dichloroethene	ND		2.4	0.88	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
cis-1,3-Dichloropropene	ND		2.4	0.67	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Cyclohexane	ND		2.4	0.54	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,2-Dibromo-3-Chloropropane	ND		2.4	1.1	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,2-Dibromoethane	ND		2.4	0.44	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,2-Dichlorobenzene	ND		2.4	0.88	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,3-Dichlorobenzene	ND		2.4	0.89	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,4-Dichlorobenzene	ND		2.4	0.55	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Dichlorobromomethane	ND		2.4	0.63	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV2-0-0.5 **Lab Sample ID: 180-147957-14**
Date Collected: 11/15/22 15:30 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.4	0.83	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,1-Dichloroethane	ND		2.4	0.50	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,2-Dichloroethane	ND		2.4	0.72	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,1-Dichloroethene	ND		2.4	0.55	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,2-Dichloroethene, Total	ND		4.9	0.93	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,2-Dichloropropane	ND		2.4	1.0	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,4-Dioxane	ND		240	22	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Ethylbenzene	ND		2.4	0.49	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
2-Hexanone	ND		12	4.2	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Isopropylbenzene	ND		2.4	0.70	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Methyl acetate	ND		12	11	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Methylcyclohexane	ND		2.4	1.2	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Methylene Chloride	ND		4.9	2.8	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
4-Methyl-2-pentanone (MIBK)	ND		12	3.8	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Methyl tert-butyl ether	ND		2.4	1.3	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
m-Xylene & p-Xylene	ND		2.4	0.43	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
o-Xylene	ND		2.4	0.47	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Styrene	ND		2.4	0.68	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,1,2,2-Tetrachloroethane	ND		2.4	0.52	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Tetrachloroethene	ND		2.4	0.75	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Toluene	ND		2.4	0.57	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
trans-1,2-Dichloroethene	ND		2.4	0.60	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
trans-1,3-Dichloropropene	ND		2.4	0.65	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,2,3-Trichlorobenzene	ND		2.4	0.44	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,2,4-Trichlorobenzene	ND		2.4	0.88	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,1,1-Trichloroethane	ND		2.4	0.57	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,1,2-Trichloroethane	ND		2.4	0.44	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Trichloroethene	ND		2.4	0.79	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Trichlorofluoromethane	ND		2.4	0.99	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.4	0.74	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Vinyl chloride	ND		2.4	1.3	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1
Xylenes, Total	ND		4.9	0.43	ug/Kg	☼	11/17/22 17:53	11/21/22 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*75 - 139*	*11/17/22 17:53*	*11/21/22 03:50*	*1*
Dibromofluoromethane (Surr)	*107*		*73 - 139*	*11/17/22 17:53*	*11/21/22 03:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 145*	*11/17/22 17:53*	*11/21/22 03:50*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*11/17/22 17:53*	*11/21/22 03:50*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	11	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Acenaphthylene	**58**	**J**	400	11	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Acetophenone	ND		400	20	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Anthracene	**22**	**J**	400	12	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Atrazine	ND		160	23	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Benzaldehyde	ND		400	66	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Benzo[a]anthracene	**190**		40	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Benzo[a]pyrene	**190**		40	11	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Benzo[b]fluoranthene	**290**		40	10	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV2-0-0.5 **Lab Sample ID: 180-147957-14**
Date Collected: 11/15/22 15:30 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**120**	**J**	400	12	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Benzo[k]fluoranthene	**110**		40	7.8	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
1,1'-Biphenyl	ND		400	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Bis(2-chloroethoxy)methane	ND		400	31	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Bis(2-ethylhexyl) phthalate	ND		400	21	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Caprolactam	ND		400	62	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Carbazole	ND		400	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
4-Chloroaniline	ND		400	71	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
4-Chloro-3-methylphenol	ND		400	22	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2-Chloronaphthalene	ND		400	18	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Chrysene	**240**	**J**	400	6.7	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Dibenz(a,h)anthracene	**32**	**J**	40	17	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Dibenzofuran	ND		400	13	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
3,3'-Dichlorobenzidine	ND		160	60	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2,4-Dichlorophenol	ND		160	26	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2,4-Dimethylphenol	ND		400	47	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Dimethyl phthalate	ND		400	90	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Di-n-butyl phthalate	ND		400	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2,4-Dinitrophenol	ND	*+	320	200	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2,4-Dinitrotoluene	ND		81	43	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2,6-Dinitrotoluene	ND		81	29	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Di-n-octyl phthalate	ND		400	21	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
1,4-Dioxane	ND		40	35	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Fluoranthene	**390**	**J**	400	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Fluorene	ND		400	12	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Hexachlorobutadiene	ND		81	8.5	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Hexachlorocyclopentadiene	ND		400	35	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Hexachloroethane	ND		40	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Indeno[1,2,3-cd]pyrene	**140**		40	16	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Isophorone	ND		160	120	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2-Methylnaphthalene	ND		400	11	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2-Methylphenol	ND		400	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Methylphenol, 3 & 4	ND		400	25	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Naphthalene	**20**	**J**	400	6.9	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
3-Nitroaniline	ND		400	94	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
4-Nitroaniline	ND		400	46	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Nitrobenzene	ND		40	22	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2-Nitrophenol	ND		400	40	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
4-Nitrophenol	ND		810	65	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1

Client Sample ID: SSHS-IRM5A2-SCV2-0-0.5 Lab Sample ID: 180-147957-14

Date Collected: 11/15/22 15:30 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2,2'-oxybis[1-chloropropane]	ND		400	7.2	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Pentachlorophenol	ND		320	82	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Phenanthrene	**160**	**J**	400	7.0	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Phenol	ND		400	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
Pyrene	**390**	**J**	400	9.9	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
1,2,4,5-Tetrachlorobenzene	ND		400	12	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2,3,4,6-Tetrachlorophenol	ND		400	27	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2,4,5-Trichlorophenol	ND		400	41	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1
2,4,6-Trichlorophenol	ND		160	51	ug/Kg	☼	11/17/22 22:33	11/20/22 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*22 - 122*	*11/17/22 22:33*	*11/20/22 00:09*	*1*
2-Fluorophenol (Surr)	*67*		*18 - 123*	*11/17/22 22:33*	*11/20/22 00:09*	*1*
Nitrobenzene-d5 (Surr)	*80*		*16 - 125*	*11/17/22 22:33*	*11/20/22 00:09*	*1*
Phenol-d5 (Surr)	*75*		*23 - 120*	*11/17/22 22:33*	*11/20/22 00:09*	*1*
Terphenyl-d14 (Surr)	*85*		*25 - 126*	*11/17/22 22:33*	*11/20/22 00:09*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*10 - 123*	*11/17/22 22:33*	*11/20/22 00:09*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	11/18/22 10:19	11/29/22 08:01	1
PCB-1221	ND		19	6.9	ug/Kg	☼	11/18/22 10:19	11/29/22 08:01	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:19	11/29/22 08:01	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:19	11/29/22 08:01	1
PCB-1248	ND		19	4.7	ug/Kg	☼	11/18/22 10:19	11/29/22 08:01	1
PCB-1254	**14**	**J**	19	5.8	ug/Kg	☼	11/18/22 10:19	11/29/22 08:01	1
PCB-1260	ND		19	5.5	ug/Kg	☼	11/18/22 10:19	11/29/22 08:01	1
PCB-1262	ND		19	6.8	ug/Kg	☼	11/18/22 10:19	11/29/22 08:01	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:19	11/29/22 08:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*63 - 138*	*11/18/22 10:19*	*11/29/22 08:01*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*63 - 138*	*11/18/22 10:19*	*11/29/22 08:01*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*11/18/22 10:19*	*11/29/22 08:01*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*11/18/22 10:19*	*11/29/22 08:01*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5500**		23	6.1	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Antimony	**0.48**	**J**	2.3	0.41	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Arsenic	**7.8**		1.7	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Barium	**110**		23	0.42	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Beryllium	**0.29**	**J**	0.57	0.062	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Cadmium	**0.69**		0.57	0.055	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Calcium	**4200**		570	42	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Chromium	**9.0**		1.1	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Cobalt	**4.0**		1.1	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Copper	**23**		2.9	0.27	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Iron	**18000**		23	8.0	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1

Client Sample ID: SSHS-IRM5A2-SCV2-0-0.5 Lab Sample ID: 180-147957-14

Date Collected: 11/15/22 15:30 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.0**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	110		1.1	0.32	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Magnesium	1500		570	53	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Manganese	350		1.7	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Nickel	9.7		4.6	0.27	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Potassium	820		570	91	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Selenium	1.1	J	2.3	0.54	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Silver	0.11	J	1.1	0.093	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Sodium	ND		570	72	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Thallium	ND		2.3	0.46	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Vanadium	12		5.7	0.94	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1
Zinc	270		5.7	1.6	mg/Kg	☼	11/16/22 15:00	11/17/22 19:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10	J	0.13	0.023	mg/Kg	☼	11/16/22 15:00	11/17/22 11:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.0		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	83.0		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV1-0-0.5 Lab Sample ID: 180-147957-15

Date Collected: 11/15/22 15:35 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 77.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		9.2	8.8	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Benzene	ND		1.5	0.40	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Bromoform	ND		1.5	0.65	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Bromomethane	ND		3.1	1.5	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
2-Butanone (MEK)	ND		7.7	0.57	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Carbon disulfide	ND		1.5	0.41	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Carbon tetrachloride	ND		1.5	0.60	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Chlorobenzene	ND		1.5	0.27	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Chlorobromomethane	ND		1.5	0.43	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Chlorodibromomethane	ND		1.5	0.30	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Chloroethane	ND		1.5	0.80	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Chloroform	ND		1.5	1.5	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Chloromethane	ND		1.5	0.67	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
cis-1,2-Dichloroethene	ND		1.5	0.55	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
cis-1,3-Dichloropropene	ND		1.5	0.42	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Cyclohexane	ND		1.5	0.34	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,2-Dibromo-3-Chloropropane	ND	*3	1.5	0.71	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,2-Dibromoethane	ND		1.5	0.28	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,2-Dichlorobenzene	ND	*3	1.5	0.56	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,3-Dichlorobenzene	ND	*3	1.5	0.56	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,4-Dichlorobenzene	ND	*3	1.5	0.35	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Dichlorobromomethane	ND		1.5	0.40	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Dichlorodifluoromethane	ND		1.5	0.52	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1

Client Sample ID: SSHS-IRM5A2-SCV1-0-0.5 **Lab Sample ID: 180-147957-15**
Date Collected: 11/15/22 15:35 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 77.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.5	0.32	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,2-Dichloroethane	ND		1.5	0.46	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,1-Dichloroethene	ND		1.5	0.35	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,2-Dichloroethene, Total	ND		3.1	0.59	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,2-Dichloropropane	ND		1.5	0.65	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,4-Dioxane	ND		150	14	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Ethylbenzene	ND		1.5	0.31	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
2-Hexanone	ND		7.7	2.6	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Isopropylbenzene	ND		1.5	0.44	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Methyl acetate	ND		7.7	6.6	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Methylcyclohexane	ND		1.5	0.77	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Methylene Chloride	ND		3.1	1.8	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
4-Methyl-2-pentanone (MIBK)	ND		7.7	2.4	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Methyl tert-butyl ether	ND		1.5	0.79	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
m-Xylene & p-Xylene	ND		1.5	0.27	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
o-Xylene	ND		1.5	0.30	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Styrene	ND		1.5	0.43	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,1,2,2-Tetrachloroethane	ND	*3	1.5	0.33	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Tetrachloroethene	ND		1.5	0.47	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Toluene	ND		1.5	0.36	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
trans-1,2-Dichloroethene	ND		1.5	0.38	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
trans-1,3-Dichloropropene	ND		1.5	0.41	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,2,3-Trichlorobenzene	ND	*3	1.5	0.28	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,2,4-Trichlorobenzene	ND	*3	1.5	0.55	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,1,1-Trichloroethane	ND		1.5	0.36	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,1,2-Trichloroethane	ND		1.5	0.27	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Trichloroethene	ND		1.5	0.49	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Trichlorofluoromethane	ND		1.5	0.63	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.5	0.46	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Vinyl chloride	ND		1.5	0.84	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1
Xylenes, Total	ND		3.1	0.27	ug/Kg	☼	11/17/22 17:53	11/21/22 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*	*3*	*75 - 139*	*11/17/22 17:53*	*11/21/22 04:15*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*	*11/17/22 17:53*	*11/21/22 04:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 145*	*11/17/22 17:53*	*11/21/22 04:15*	*1*
Toluene-d8 (Surr)	*119*		*80 - 120*	*11/17/22 17:53*	*11/21/22 04:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		430	12	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Acenaphthylene	**880**		430	12	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Acetophenone	ND		430	21	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Anthracene	**350**	**J**	430	13	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Atrazine	ND		170	25	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Benzaldehyde	ND		430	71	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Benzo[a]anthracene	**3300**		43	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Benzo[a]pyrene	**3000**		43	11	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Benzo[b]fluoranthene	**4700**		43	11	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Benzo[g,h,i]perylene	**1500**		430	13	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1

Client Sample ID: SSHS-IRM5A2-SCV1-0-0.5 **Lab Sample ID: 180-147957-15**
Date Collected: 11/15/22 15:35 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 77.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	**1900**		43	8.4	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
1,1'-Biphenyl	**19**	**J**	430	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Bis(2-chloroethoxy)methane	ND		430	33	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Bis(2-chloroethyl)ether	ND		43	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Bis(2-ethylhexyl) phthalate	ND		430	23	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
4-Bromophenyl phenyl ether	ND		430	17	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Butyl benzyl phthalate	ND		430	20	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Caprolactam	ND		430	67	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Carbazole	**160**	**J**	430	16	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
4-Chloroaniline	ND		430	76	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
4-Chloro-3-methylphenol	ND		430	24	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2-Chloronaphthalene	ND		430	20	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2-Chlorophenol	ND		430	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
4-Chlorophenyl phenyl ether	ND		430	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Chrysene	**3600**		430	7.2	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Dibenz(a,h)anthracene	**480**		43	19	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Dibenzofuran	**63**	**J**	430	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
3,3'-Dichlorobenzidine	ND		170	65	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2,4-Dichlorophenol	ND		170	27	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Diethyl phthalate	ND		430	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2,4-Dimethylphenol	ND		430	51	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Dimethyl phthalate	ND		430	97	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Di-n-butyl phthalate	ND		430	16	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
4,6-Dinitro-2-methylphenol	ND		340	170	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2,4-Dinitrophenol	ND	*+	340	210	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2,4-Dinitrotoluene	ND		87	46	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2,6-Dinitrotoluene	ND		87	31	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Di-n-octyl phthalate	ND		430	23	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
1,4-Dioxane	ND		43	37	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Fluoranthene	**6300**		430	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Fluorene	**150**	**J**	430	13	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Hexachlorobenzene	ND		43	20	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Hexachlorobutadiene	ND		87	9.1	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Hexachlorocyclopentadiene	ND		430	38	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Hexachloroethane	ND		43	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Indeno[1,2,3-cd]pyrene	**1900**		43	17	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Isophorone	ND		170	120	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2-Methylnaphthalene	**110**	**J**	430	12	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2-Methylphenol	ND		430	16	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Methylphenol, 3 & 4	ND		430	27	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Naphthalene	**180**	**J**	430	7.4	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2-Nitroaniline	ND		430	33	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
3-Nitroaniline	ND		430	100	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
4-Nitroaniline	ND		430	49	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Nitrobenzene	ND		43	24	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2-Nitrophenol	ND		430	43	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
4-Nitrophenol	ND		870	70	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
N-Nitrosodi-n-propylamine	ND		43	31	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
N-Nitrosodiphenylamine	ND		430	35	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1

Client Sample ID: SSHS-IRM5A2-SCV1-0-0.5 Lab Sample ID: 180-147957-15

Date Collected: 11/15/22 15:35 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 77.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		430	7.7	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Pentachlorophenol	ND		340	88	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Phenanthrene	**2500**		430	7.5	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Phenol	ND		430	16	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
Pyrene	**6000**		430	11	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
1,2,4,5-Tetrachlorobenzene	ND		430	13	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2,3,4,6-Tetrachlorophenol	ND		430	29	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2,4,5-Trichlorophenol	ND		430	44	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1
2,4,6-Trichlorophenol	ND		170	55	ug/Kg	☼	11/17/22 22:33	11/20/22 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*22 - 122*	*11/17/22 22:33*	*11/20/22 00:55*	*1*
2-Fluorophenol (Surr)	*64*		*18 - 123*	*11/17/22 22:33*	*11/20/22 00:55*	*1*
Nitrobenzene-d5 (Surr)	*76*		*16 - 125*	*11/17/22 22:33*	*11/20/22 00:55*	*1*
Phenol-d5 (Surr)	*75*		*23 - 120*	*11/17/22 22:33*	*11/20/22 00:55*	*1*
Terphenyl-d14 (Surr)	*79*		*25 - 126*	*11/17/22 22:33*	*11/20/22 00:55*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 123*	*11/17/22 22:33*	*11/20/22 00:55*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.8	ug/Kg	☼	11/18/22 10:19	11/29/22 08:20	1
PCB-1221	ND		21	7.4	ug/Kg	☼	11/18/22 10:19	11/29/22 08:20	1
PCB-1232	ND		21	5.1	ug/Kg	☼	11/18/22 10:19	11/29/22 08:20	1
PCB-1242	ND		21	3.1	ug/Kg	☼	11/18/22 10:19	11/29/22 08:20	1
PCB-1248	ND		21	5.0	ug/Kg	☼	11/18/22 10:19	11/29/22 08:20	1
PCB-1254	ND		21	6.3	ug/Kg	☼	11/18/22 10:19	11/29/22 08:20	1
PCB-1260	ND		21	6.0	ug/Kg	☼	11/18/22 10:19	11/29/22 08:20	1
PCB-1262	ND		21	7.4	ug/Kg	☼	11/18/22 10:19	11/29/22 08:20	1
PCB-1268	ND		21	2.8	ug/Kg	☼	11/18/22 10:19	11/29/22 08:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*59*	*S1-*	*63 - 138*	*11/18/22 10:19*	*11/29/22 08:20*	*1*
DCB Decachlorobiphenyl (Surr)	*59*	*S1-*	*63 - 138*	*11/18/22 10:19*	*11/29/22 08:20*	*1*
Tetrachloro-m-xylene (Surr)	*67*		*55 - 135*	*11/18/22 10:19*	*11/29/22 08:20*	*1*
Tetrachloro-m-xylene (Surr)	*64*		*55 - 135*	*11/18/22 10:19*	*11/29/22 08:20*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7300**		25	6.7	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Antimony	ND		2.5	0.45	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Arsenic	**9.7**		1.9	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Barium	**120**		25	0.45	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Beryllium	**0.39**	**J**	0.62	0.067	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Cadmium	**0.57**	**J**	0.62	0.060	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Calcium	**6100**		620	45	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Chromium	**11**		1.2	0.43	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Cobalt	**5.4**		1.2	0.25	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Copper	**24**		3.1	0.29	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Iron	**16000**		25	8.7	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Lead	**150**		1.2	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1

Client Sample ID: SSHS-IRM5A2-SCV1-0-0.5 — Lab Sample ID: 180-147957-15

Date Collected: 11/15/22 15:35 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 77.1**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**2700**		620	57	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Manganese	**410**		1.9	1.4	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Nickel	**14**		5.0	0.29	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Potassium	**880**		620	99	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Selenium	**0.99**	**J**	2.5	0.59	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Silver	ND		1.2	0.10	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Sodium	ND		620	78	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Thallium	ND		2.5	0.50	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Vanadium	**13**		6.2	1.0	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1
Zinc	**200**		6.2	1.7	mg/Kg	☼	11/16/22 15:00	11/17/22 19:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**		0.13	0.023	mg/Kg	☼	11/16/22 15:00	11/17/22 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**22.9**		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	**77.1**		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP9 — Lab Sample ID: 180-147957-16

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 81.8**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	9.8	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Benzene	ND		1.7	0.44	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Bromoform	ND		1.7	0.73	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Bromomethane	ND		3.4	1.7	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
2-Butanone (MEK)	ND		8.5	0.63	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Carbon disulfide	ND		1.7	0.45	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Carbon tetrachloride	ND		1.7	0.66	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Chlorobenzene	ND		1.7	0.30	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Chlorobromomethane	ND		1.7	0.48	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Chlorodibromomethane	ND		1.7	0.33	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Chloroethane	ND		1.7	0.89	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Chloroform	ND		1.7	1.7	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Chloromethane	ND		1.7	0.74	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
cis-1,2-Dichloroethene	ND		1.7	0.61	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
cis-1,3-Dichloropropene	ND		1.7	0.47	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Cyclohexane	ND		1.7	0.38	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,2-Dibromo-3-Chloropropane	ND	*3	1.7	0.79	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,2-Dibromoethane	ND		1.7	0.31	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,2-Dichlorobenzene	ND	*3	1.7	0.62	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,3-Dichlorobenzene	ND	*3	1.7	0.62	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,4-Dichlorobenzene	ND	*3	1.7	0.38	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Dichlorobromomethane	ND		1.7	0.44	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Dichlorodifluoromethane	ND		1.7	0.58	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,1-Dichloroethane	ND		1.7	0.35	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP9 — Lab Sample ID: 180-147957-16

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 81.8**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.7	0.51	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,1-Dichloroethene	ND		1.7	0.38	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,2-Dichloroethene, Total	ND		3.4	0.65	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,2-Dichloropropane	ND		1.7	0.72	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,4-Dioxane	ND		170	16	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Ethylbenzene	ND		1.7	0.34	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
2-Hexanone	ND		8.5	2.9	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Isopropylbenzene	ND		1.7	0.49	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Methyl acetate	ND		8.5	7.3	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Methylcyclohexane	ND		1.7	0.85	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Methylene Chloride	ND		3.4	2.0	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
4-Methyl-2-pentanone (MIBK)	ND		8.5	2.7	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Methyl tert-butyl ether	ND		1.7	0.87	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
m-Xylene & p-Xylene	ND		1.7	0.30	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
o-Xylene	ND		1.7	0.33	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Styrene	ND		1.7	0.47	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,1,2,2-Tetrachloroethane	ND	*3	1.7	0.37	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Tetrachloroethene	ND		1.7	0.52	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Toluene	ND		1.7	0.40	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
trans-1,2-Dichloroethene	ND		1.7	0.42	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
trans-1,3-Dichloropropene	ND		1.7	0.45	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,2,3-Trichlorobenzene	ND	*3	1.7	0.31	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,2,4-Trichlorobenzene	ND	*3	1.7	0.61	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,1,1-Trichloroethane	ND		1.7	0.40	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,1,2-Trichloroethane	ND		1.7	0.30	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Trichloroethene	ND		1.7	0.55	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Trichlorofluoromethane	ND		1.7	0.69	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.7	0.51	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Vinyl chloride	ND		1.7	0.93	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1
Xylenes, Total	ND		3.4	0.30	ug/Kg	☼	11/17/22 17:54	11/21/22 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*132*	**3*	*75 - 139*	*11/17/22 17:54*	*11/21/22 22:20*	*1*
Dibromofluoromethane (Surr)	*114*		*73 - 139*	*11/17/22 17:54*	*11/21/22 22:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 145*	*11/17/22 17:54*	*11/21/22 22:20*	*1*
Toluene-d8 (Surr)	*124*	*S1+*	*80 - 120*	*11/17/22 17:54*	*11/21/22 22:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	11	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Acenaphthylene	**750**		400	12	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Acetophenone	ND		400	20	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Anthracene	**310**	**J**	400	12	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Atrazine	ND		160	24	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Benzaldehyde	ND		400	67	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Benzo[a]anthracene	**3000**		40	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Benzo[a]pyrene	**2800**		40	11	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Benzo[b]fluoranthene	**4000**		40	10	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Benzo[g,h,i]perylene	**1400**		400	12	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Benzo[k]fluoranthene	**1800**		40	7.9	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP9 **Lab Sample ID: 180-147957-16**
Date Collected: 11/15/22 00:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 81.8**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**20**	**J**	400	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Bis(2-chloroethoxy)methane	ND		400	31	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Bis(2-ethylhexyl) phthalate	ND		400	21	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Caprolactam	ND		400	63	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Carbazole	**130**	**J**	400	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
4-Chloroaniline	ND		400	71	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
4-Chloro-3-methylphenol	ND		400	23	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2-Chloronaphthalene	ND		400	19	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Chrysene	**3400**		400	6.8	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Dibenz(a,h)anthracene	**440**		40	17	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Dibenzofuran	**53**	**J**	400	13	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
3,3'-Dichlorobenzidine	ND		160	61	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2,4-Dichlorophenol	ND		160	26	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2,4-Dimethylphenol	ND		400	48	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Dimethyl phthalate	ND		400	92	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Di-n-butyl phthalate	ND		400	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2,4-Dinitrophenol	ND	*+	320	200	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2,4-Dinitrotoluene	ND		82	43	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2,6-Dinitrotoluene	ND		82	29	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Di-n-octyl phthalate	ND		400	21	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
1,4-Dioxane	ND		40	35	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Fluoranthene	**5300**		400	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Fluorene	**110**	**J**	400	12	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Hexachlorobutadiene	ND		82	8.6	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Hexachlorocyclopentadiene	ND		400	35	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Hexachloroethane	ND		40	14	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Indeno[1,2,3-cd]pyrene	**1800**		40	16	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Isophorone	ND		160	120	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2-Methylnaphthalene	**110**	**J**	400	11	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2-Methylphenol	ND		400	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Methylphenol, 3 & 4	ND		400	25	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Naphthalene	**200**	**J**	400	7.0	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2-Nitroaniline	ND		400	31	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
3-Nitroaniline	ND		400	96	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
4-Nitroaniline	ND		400	46	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Nitrobenzene	ND		40	22	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2-Nitrophenol	ND		400	40	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
4-Nitrophenol	ND		820	66	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2,2'-oxybis[1-chloropropane]	ND		400	7.3	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP9 — Lab Sample ID: 180-147957-16

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 81.8**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		320	83	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Phenanthrene	**1900**		400	7.1	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Phenol	ND		400	15	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
Pyrene	**5400**		400	10	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
1,2,4,5-Tetrachlorobenzene	ND		400	13	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2,3,4,6-Tetrachlorophenol	ND		400	27	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2,4,5-Trichlorophenol	ND		400	41	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1
2,4,6-Trichlorophenol	ND		160	52	ug/Kg	☼	11/17/22 22:33	11/20/22 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*22 - 122*	*11/17/22 22:33*	*11/20/22 00:32*	*1*
2-Fluorophenol (Surr)	*63*		*18 - 123*	*11/17/22 22:33*	*11/20/22 00:32*	*1*
Nitrobenzene-d5 (Surr)	*74*		*16 - 125*	*11/17/22 22:33*	*11/20/22 00:32*	*1*
Phenol-d5 (Surr)	*74*		*23 - 120*	*11/17/22 22:33*	*11/20/22 00:32*	*1*
Terphenyl-d14 (Surr)	*79*		*25 - 126*	*11/17/22 22:33*	*11/20/22 00:32*	*1*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 123*	*11/17/22 22:33*	*11/20/22 00:32*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	11/18/22 10:19	11/29/22 08:39	1
PCB-1221	ND		20	7.1	ug/Kg	☼	11/18/22 10:19	11/29/22 08:39	1
PCB-1232	ND		20	4.9	ug/Kg	☼	11/18/22 10:19	11/29/22 08:39	1
PCB-1242	ND		20	2.9	ug/Kg	☼	11/18/22 10:19	11/29/22 08:39	1
PCB-1248	ND		20	4.8	ug/Kg	☼	11/18/22 10:19	11/29/22 08:39	1
PCB-1254	ND		20	6.0	ug/Kg	☼	11/18/22 10:19	11/29/22 08:39	1
PCB-1260	ND		20	5.7	ug/Kg	☼	11/18/22 10:19	11/29/22 08:39	1
PCB-1262	ND		20	7.1	ug/Kg	☼	11/18/22 10:19	11/29/22 08:39	1
PCB-1268	ND		20	2.7	ug/Kg	☼	11/18/22 10:19	11/29/22 08:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*58*	*S1-*	*63 - 138*	*11/18/22 10:19*	*11/29/22 08:39*	*1*
DCB Decachlorobiphenyl (Surr)	*58*	*S1-*	*63 - 138*	*11/18/22 10:19*	*11/29/22 08:39*	*1*
Tetrachloro-m-xylene (Surr)	*65*		*55 - 135*	*11/18/22 10:19*	*11/29/22 08:39*	*1*
Tetrachloro-m-xylene (Surr)	*62*		*55 - 135*	*11/18/22 10:19*	*11/29/22 08:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6600**		23	6.3	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Antimony	ND		2.3	0.42	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Arsenic	**7.6**		1.8	0.37	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Barium	**110**		23	0.43	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Beryllium	**0.36**	**J**	0.59	0.063	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Cadmium	**0.46**	**J**	0.59	0.056	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Calcium	**6100**		590	43	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Chromium	**9.9**		1.2	0.40	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Cobalt	**5.2**		1.2	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Copper	**21**		2.9	0.28	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Iron	**15000**		23	8.2	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Lead	**110**		1.2	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Magnesium	**2700**		590	54	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP9 — Lab Sample ID: 180-147957-16

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 81.8**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	450		1.8	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Nickel	13		4.7	0.27	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Potassium	990		590	93	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Selenium	0.97	J	2.3	0.55	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Silver	ND		1.2	0.095	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Sodium	ND		590	74	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Thallium	ND		2.3	0.47	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Vanadium	11		5.9	0.97	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1
Zinc	210		5.9	1.6	mg/Kg	☼	11/16/22 15:00	11/17/22 19:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.81		0.14	0.024	mg/Kg	☼	11/16/22 15:00	11/17/22 11:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	18.2		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	81.8		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: BLANK TERRACORE 2 LOT 0110901H — Lab Sample ID: 180-147957-17

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Benzene	ND		1.0	0.26	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Bromoform	ND		1.0	0.43	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Bromomethane	ND		2.0	1.0	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Carbon disulfide	ND		1.0	0.27	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Chlorobenzene	ND		1.0	0.18	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Chloroethane	ND		1.0	0.52	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Chloroform	ND		1.0	0.97	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Chloromethane	ND		1.0	0.44	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Cyclohexane	ND		1.0	0.22	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg		11/17/22 17:54	11/21/22 05:04	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: BLANK TERRACORE 2 LOT 0110901H **Lab Sample ID: 180-147957-17**
Date Collected: 11/15/22 00:00 **Matrix: Solid**
Date Received: 11/16/22 09:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,4-Dioxane	ND		100	9.2	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Ethylbenzene	ND		1.0	0.20	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
2-Hexanone	ND		5.0	1.7	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Methyl acetate	ND		5.0	4.3	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Methylene Chloride	**1.1**	**J**	2.0	1.1	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
o-Xylene	ND		1.0	0.19	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Styrene	ND		1.0	0.28	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Toluene	ND		1.0	0.23	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Trichloroethene	ND		1.0	0.32	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Vinyl chloride	ND		1.0	0.55	ug/Kg		11/17/22 17:54	11/21/22 05:04	1
Xylenes, Total	ND		2.0	0.17	ug/Kg		11/17/22 17:54	11/21/22 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*75 - 139*	*11/17/22 17:54*	*11/21/22 05:04*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 139*	*11/17/22 17:54*	*11/21/22 05:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*72 - 145*	*11/17/22 17:54*	*11/21/22 05:04*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*11/17/22 17:54*	*11/21/22 05:04*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 180-147957-10 MS
Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 879058
Prep Batch: 878578

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	F1	121	208	F1	ug/Kg	☼	172	63 - 131
Benzene	ND	F2	24.1	21.1		ug/Kg	☼	87	80 - 123
Bromoform	ND	F2 F1	24.1	15.7	F1	ug/Kg	☼	65	70 - 125
Bromomethane	ND	F2 F1	24.1	15.2	F1	ug/Kg	☼	63	64 - 150
2-Butanone (MEK)	ND	F2	121	94.6		ug/Kg	☼	78	75 - 120
Carbon disulfide	ND	F2	24.1	19.0		ug/Kg	☼	79	76 - 120
Carbon tetrachloride	ND	F2	24.1	21.3		ug/Kg	☼	88	77 - 121
Chlorobenzene	ND	F2 F1	24.1	18.8	F1	ug/Kg	☼	78	80 - 120
Chlorobromomethane	ND	F2	24.1	22.4		ug/Kg	☼	93	76 - 127
Chlorodibromomethane	ND	F2	24.1	19.4		ug/Kg	☼	80	80 - 120
Chloroethane	ND	F2	24.1	20.0		ug/Kg	☼	83	68 - 132
Chloroform	ND	F2	24.1	21.9		ug/Kg	☼	91	79 - 126
Chloromethane	ND	F2	24.1	16.6		ug/Kg	☼	69	63 - 130
cis-1,2-Dichloroethene	ND	F2	24.1	19.8		ug/Kg	☼	82	80 - 123
cis-1,3-Dichloropropene	ND	F2 F1	24.1	14.9	F1	ug/Kg	☼	62	80 - 120
Cyclohexane	ND	F2	24.1	21.0		ug/Kg	☼	87	70 - 132
1,2-Dibromo-3-Chloropropane	ND	F2	24.1	15.6		ug/Kg	☼	65	60 - 124
1,2-Dibromoethane	ND	F2 F1	24.1	16.8	F1	ug/Kg	☼	69	79 - 120
1,2-Dichlorobenzene	ND	F2 F1	24.1	16.9	F1	ug/Kg	☼	70	80 - 120
1,3-Dichlorobenzene	ND	F2 F1	24.1	16.5	F1	ug/Kg	☼	68	80 - 120
1,4-Dichlorobenzene	ND	F2 F1	24.1	16.0	F1	ug/Kg	☼	66	80 - 120
Dichlorobromomethane	ND	F2	24.1	19.3		ug/Kg	☼	80	73 - 124
Dichlorodifluoromethane	ND		24.1	18.2		ug/Kg	☼	75	62 - 150
1,1-Dichloroethane	ND	F2	24.1	20.9		ug/Kg	☼	87	77 - 129
1,2-Dichloroethane	ND	F2	24.1	19.0		ug/Kg	☼	79	75 - 123
1,1-Dichloroethene	ND	F2	24.1	21.5		ug/Kg	☼	89	70 - 132
1,2-Dichloroethene, Total	ND	F2	48.3	41.2		ug/Kg	☼	85	79 - 125
1,2-Dichloropropane	ND	F2	24.1	19.8		ug/Kg	☼	82	73 - 124
1,4-Dioxane	ND	F2	483	434		ug/Kg	☼	90	80 - 136
Ethylbenzene	ND	F2	24.1	19.3		ug/Kg	☼	80	76 - 120
2-Hexanone	ND	F2 F1	121	65.3	F1	ug/Kg	☼	54	70 - 128
Isopropylbenzene	ND	F2 F1	24.1	18.4	F1	ug/Kg	☼	76	80 - 120
Methyl acetate	ND	F2	48.3	37.9		ug/Kg	☼	78	58 - 143
Methylcyclohexane	ND	F2	24.1	19.2		ug/Kg	☼	80	70 - 133
Methylene Chloride	ND	F2	24.1	22.5		ug/Kg	☼	93	76 - 120
4-Methyl-2-pentanone (MIBK)	ND	F2 F1	121	93.0	F1	ug/Kg	☼	77	80 - 122
Methyl tert-butyl ether	ND	F2	24.1	20.4		ug/Kg	☼	84	80 - 125
m-Xylene & p-Xylene	ND	F2 F1	24.1	18.3	F1	ug/Kg	☼	76	80 - 120
o-Xylene	ND	F2	24.1	19.7		ug/Kg	☼	82	80 - 120
Styrene	ND	F2 F1	24.1	16.2	F1	ug/Kg	☼	67	80 - 120
1,1,2,2-Tetrachloroethane	ND	F2	24.1	16.8		ug/Kg	☼	70	66 - 123
Tetrachloroethene	ND	F2	24.1	21.0		ug/Kg	☼	87	78 - 123
Toluene	ND	F2	24.1	19.9		ug/Kg	☼	82	80 - 120
trans-1,2-Dichloroethene	ND	F2	24.1	21.4		ug/Kg	☼	89	78 - 120
trans-1,3-Dichloropropene	ND	F2 F1	24.1	14.3	F1	ug/Kg	☼	59	80 - 120
1,2,3-Trichlorobenzene	ND	F2 F1	24.1	9.69	F1	ug/Kg	☼	40	44 - 120
1,2,4-Trichlorobenzene	ND	F2 F1	24.1	10.2	F1	ug/Kg	☼	42	68 - 150
1,1,1-Trichloroethane	ND	F2	24.1	21.3		ug/Kg	☼	88	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147957-10 MS **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879058 **Prep Batch: 878578**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	ND	F2	24.1	20.5		ug/Kg	☼	85	80 - 120
Trichloroethene	ND	F2 F1	24.1	18.3	F1	ug/Kg	☼	76	79 - 120
Trichlorofluoromethane	ND	F2	24.1	19.9		ug/Kg	☼	82	76 - 142
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	24.1	22.2		ug/Kg	☼	92	75 - 141
Vinyl chloride	ND	F2 F1	24.1	17.0	F1	ug/Kg	☼	70	72 - 131
Xylenes, Total	ND	F2 F1	48.3	38.0	F1	ug/Kg	☼	79	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*75 - 139*
Dibromofluoromethane (Surr)	*99*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 145*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 180-147957-10 MSD **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879240 **Prep Batch: 878578**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	F1	172	158		ug/Kg	☼	92	63 - 131	27	30
Benzene	ND	F2	34.3	32.3	F2	ug/Kg	☼	94	80 - 123	42	30
Bromoform	ND	F2 F1	34.3	25.5	F2	ug/Kg	☼	74	70 - 125	47	30
Bromomethane	ND	F2 F1	34.3	27.2	F2	ug/Kg	☼	79	64 - 150	57	30
2-Butanone (MEK)	ND	F2	172	156	F2	ug/Kg	☼	91	75 - 120	94	30
Carbon disulfide	ND	F2	34.3	31.4	F2	ug/Kg	☼	91	76 - 120	49	30
Carbon tetrachloride	ND	F2	34.3	31.5	F2	ug/Kg	☼	92	77 - 121	39	30
Chlorobenzene	ND	F2 F1	34.3	30.7	F2	ug/Kg	☼	89	80 - 120	48	30
Chlorobromomethane	ND	F2	34.3	31.6	F2	ug/Kg	☼	92	76 - 127	34	30
Chlorodibromomethane	ND	F2	34.3	28.1	F2	ug/Kg	☼	82	80 - 120	37	30
Chloroethane	ND	F2	34.3	27.9	F2	ug/Kg	☼	81	68 - 132	33	30
Chloroform	ND	F2	34.3	31.6	F2	ug/Kg	☼	92	79 - 126	36	30
Chloromethane	ND	F2	34.3	25.4	F2	ug/Kg	☼	74	63 - 130	42	30
cis-1,2-Dichloroethene	ND	F2	34.3	31.1	F2	ug/Kg	☼	91	80 - 123	44	30
cis-1,3-Dichloropropene	ND	F2 F1	34.3	29.4	F2	ug/Kg	☼	86	80 - 120	65	30
Cyclohexane	ND	F2	34.3	33.2	F2	ug/Kg	☼	97	70 - 132	45	30
1,2-Dibromo-3-Chloropropane	ND	F2	34.3	24.8	F2	ug/Kg	☼	72	60 - 124	46	30
1,2-Dibromoethane	ND	F2 F1	34.3	27.8	F2	ug/Kg	☼	81	79 - 120	50	30
1,2-Dichlorobenzene	ND	F2 F1	34.3	28.9	F2	ug/Kg	☼	84	80 - 120	53	30
1,3-Dichlorobenzene	ND	F2 F1	34.3	28.0	F2	ug/Kg	☼	82	80 - 120	52	30
1,4-Dichlorobenzene	ND	F2 F1	34.3	27.9	F2	ug/Kg	☼	81	80 - 120	54	30
Dichlorobromomethane	ND	F2	34.3	28.7	F2	ug/Kg	☼	84	73 - 124	40	30
Dichlorodifluoromethane	ND		34.3	23.9		ug/Kg	☼	70	62 - 150	27	30
1,1-Dichloroethane	ND	F2	34.3	33.0	F2	ug/Kg	☼	96	77 - 129	45	30
1,2-Dichloroethane	ND	F2	34.3	27.3	F2	ug/Kg	☼	80	75 - 123	36	30
1,1-Dichloroethene	ND	F2	34.3	32.9	F2	ug/Kg	☼	96	70 - 132	42	30
1,2-Dichloroethene, Total	ND	F2	68.7	63.8	F2	ug/Kg	☼	93	79 - 125	43	30
1,2-Dichloropropane	ND	F2	34.3	30.3	F2	ug/Kg	☼	88	73 - 124	42	30
1,4-Dioxane	ND	F2	687	666	F2	ug/Kg	☼	97	80 - 136	42	30
Ethylbenzene	ND	F2	34.3	31.8	F2	ug/Kg	☼	93	76 - 120	49	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147957-10 MSD **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879240 **Prep Batch: 878578**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone	ND	F2 F1	172	154	F2	ug/Kg	☼	90	70 - 128	81	30
Isopropylbenzene	ND	F2 F1	34.3	30.7	F2	ug/Kg	☼	89	80 - 120	50	30
Methyl acetate	ND	F2	68.7	62.2	F2	ug/Kg	☼	91	58 - 143	49	30
Methylcyclohexane	ND	F2	34.3	30.5	F2	ug/Kg	☼	89	70 - 133	45	30
Methylene Chloride	ND	F2	34.3	31.6	F2	ug/Kg	☼	92	76 - 120	34	30
4-Methyl-2-pentanone (MIBK)	ND	F2 F1	172	162	F2	ug/Kg	☼	95	80 - 122	54	30
Methyl tert-butyl ether	ND	F2	34.3	29.4	F2	ug/Kg	☼	86	80 - 125	36	30
m-Xylene & p-Xylene	ND	F2 F1	34.3	32.1	F2	ug/Kg	☼	93	80 - 120	55	30
o-Xylene	ND	F2	34.3	32.2	F2	ug/Kg	☼	94	80 - 120	48	30
Styrene	ND	F2 F1	34.3	30.1	F2	ug/Kg	☼	88	80 - 120	60	30
1,1,2,2-Tetrachloroethane	ND	F2	34.3	26.2	F2	ug/Kg	☼	76	66 - 123	43	30
Tetrachloroethene	ND	F2	34.3	30.7	F2	ug/Kg	☼	90	78 - 123	38	30
Toluene	ND	F2	34.3	31.4	F2	ug/Kg	☼	92	80 - 120	45	30
trans-1,2-Dichloroethene	ND	F2	34.3	32.8	F2	ug/Kg	☼	95	78 - 120	42	30
trans-1,3-Dichloropropene	ND	F2 F1	34.3	28.9	F2	ug/Kg	☼	84	80 - 120	67	30
1,2,3-Trichlorobenzene	ND	F2 F1	34.3	22.8	F2	ug/Kg	☼	67	44 - 120	81	30
1,2,4-Trichlorobenzene	ND	F2 F1	34.3	24.3	F2	ug/Kg	☼	71	68 - 150	82	30
1,1,1-Trichloroethane	ND	F2	34.3	32.0	F2	ug/Kg	☼	93	78 - 120	40	30
1,1,2-Trichloroethane	ND	F2	34.3	30.3	F2	ug/Kg	☼	88	80 - 120	39	30
Trichloroethene	ND	F2 F1	34.3	31.6	F2	ug/Kg	☼	92	79 - 120	53	30
Trichlorofluoromethane	ND	F2	34.3	27.3	F2	ug/Kg	☼	79	76 - 142	31	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	34.3	34.3	F2	ug/Kg	☼	100	75 - 141	43	30
Vinyl chloride	ND	F2 F1	34.3	26.7	F2	ug/Kg	☼	78	72 - 131	44	30
Xylenes, Total	ND	F2 F1	68.7	64.2	F2	ug/Kg	☼	94	80 - 120	51	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*75 - 139*
Dibromofluoromethane (Surr)	*97*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 145*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: MB 460-879058/11 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879058

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			11/20/22 22:10	1
Benzene	ND		1.0	0.26	ug/Kg			11/20/22 22:10	1
Bromoform	ND		1.0	0.43	ug/Kg			11/20/22 22:10	1
Bromomethane	ND		2.0	1.0	ug/Kg			11/20/22 22:10	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			11/20/22 22:10	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			11/20/22 22:10	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			11/20/22 22:10	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			11/20/22 22:10	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			11/20/22 22:10	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			11/20/22 22:10	1
Chloroethane	ND		1.0	0.52	ug/Kg			11/20/22 22:10	1
Chloroform	ND		1.0	0.97	ug/Kg			11/20/22 22:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-879058/11
Matrix: Solid
Analysis Batch: 879058

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.44	ug/Kg			11/20/22 22:10	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			11/20/22 22:10	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/20/22 22:10	1
Cyclohexane	ND		1.0	0.22	ug/Kg			11/20/22 22:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			11/20/22 22:10	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			11/20/22 22:10	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			11/20/22 22:10	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			11/20/22 22:10	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			11/20/22 22:10	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			11/20/22 22:10	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			11/20/22 22:10	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			11/20/22 22:10	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			11/20/22 22:10	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			11/20/22 22:10	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			11/20/22 22:10	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			11/20/22 22:10	1
1,4-Dioxane	ND		100	9.2	ug/Kg			11/20/22 22:10	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			11/20/22 22:10	1
2-Hexanone	ND		5.0	1.7	ug/Kg			11/20/22 22:10	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			11/20/22 22:10	1
Methyl acetate	ND		5.0	4.3	ug/Kg			11/20/22 22:10	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			11/20/22 22:10	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			11/20/22 22:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			11/20/22 22:10	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			11/20/22 22:10	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			11/20/22 22:10	1
o-Xylene	ND		1.0	0.19	ug/Kg			11/20/22 22:10	1
Styrene	ND		1.0	0.28	ug/Kg			11/20/22 22:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			11/20/22 22:10	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			11/20/22 22:10	1
Toluene	ND		1.0	0.23	ug/Kg			11/20/22 22:10	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			11/20/22 22:10	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/20/22 22:10	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			11/20/22 22:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			11/20/22 22:10	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			11/20/22 22:10	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			11/20/22 22:10	1
Trichloroethene	ND		1.0	0.32	ug/Kg			11/20/22 22:10	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			11/20/22 22:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			11/20/22 22:10	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			11/20/22 22:10	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			11/20/22 22:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*75 - 139*		*11/20/22 22:10*	*1*
Dibromofluoromethane (Surr)	*101*		*73 - 139*		*11/20/22 22:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 145*		*11/20/22 22:10*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/20/22 22:10*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879058/3
Matrix: Solid
Analysis Batch: 879058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	85.1		ug/Kg		85	63 - 131
Benzene	20.0	20.5		ug/Kg		102	80 - 123
Bromoform	20.0	17.7		ug/Kg		88	70 - 125
Bromomethane	20.0	16.9		ug/Kg		85	64 - 150
2-Butanone (MEK)	100	91.4		ug/Kg		91	75 - 120
Carbon disulfide	20.0	18.9		ug/Kg		94	76 - 120
Carbon tetrachloride	20.0	18.6		ug/Kg		93	77 - 121
Chlorobenzene	20.0	19.5		ug/Kg		98	80 - 120
Chlorobromomethane	20.0	19.6		ug/Kg		98	76 - 127
Chlorodibromomethane	20.0	18.6		ug/Kg		93	80 - 120
Chloroethane	20.0	17.9		ug/Kg		90	68 - 132
Chloroform	20.0	19.4		ug/Kg		97	79 - 126
Chloromethane	20.0	16.6		ug/Kg		83	63 - 130
cis-1,2-Dichloroethene	20.0	19.3		ug/Kg		97	80 - 123
cis-1,3-Dichloropropene	20.0	19.6		ug/Kg		98	80 - 120
Cyclohexane	20.0	20.8		ug/Kg		104	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	19.7		ug/Kg		98	60 - 124
1,2-Dibromoethane	20.0	19.2		ug/Kg		96	79 - 120
1,2-Dichlorobenzene	20.0	20.2		ug/Kg		101	80 - 120
1,3-Dichlorobenzene	20.0	19.4		ug/Kg		97	80 - 120
1,4-Dichlorobenzene	20.0	19.0		ug/Kg		95	80 - 120
Dichlorobromomethane	20.0	18.5		ug/Kg		93	73 - 124
Dichlorodifluoromethane	20.0	16.4		ug/Kg		82	62 - 150
1,1-Dichloroethane	20.0	20.6		ug/Kg		103	77 - 129
1,2-Dichloroethane	20.0	19.1		ug/Kg		96	75 - 123
1,1-Dichloroethene	20.0	19.4		ug/Kg		97	70 - 132
1,2-Dichloroethene, Total	40.0	40.4		ug/Kg		101	79 - 125
1,2-Dichloropropane	20.0	20.4		ug/Kg		102	73 - 124
1,4-Dioxane	400	406		ug/Kg		101	80 - 136
Ethylbenzene	20.0	20.2		ug/Kg		101	76 - 120
2-Hexanone	100	97.4		ug/Kg		97	70 - 128
Isopropylbenzene	20.0	20.2		ug/Kg		101	80 - 120
Methyl acetate	40.0	46.3		ug/Kg		116	58 - 143
Methylcyclohexane	20.0	20.7		ug/Kg		104	70 - 133
Methylene Chloride	20.0	19.7		ug/Kg		99	76 - 120
4-Methyl-2-pentanone (MIBK)	100	99.4		ug/Kg		99	80 - 122
Methyl tert-butyl ether	20.0	21.4		ug/Kg		107	80 - 125
m-Xylene & p-Xylene	20.0	22.3		ug/Kg		111	80 - 120
o-Xylene	20.0	21.0		ug/Kg		105	80 - 120
Styrene	20.0	20.2		ug/Kg		101	80 - 120
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/Kg		97	66 - 123
Tetrachloroethene	20.0	18.5		ug/Kg		93	78 - 123
Toluene	20.0	19.5		ug/Kg		97	80 - 120
trans-1,2-Dichloroethene	20.0	21.1		ug/Kg		105	78 - 120
trans-1,3-Dichloropropene	20.0	20.3		ug/Kg		101	80 - 120
1,2,3-Trichlorobenzene	20.0	19.3		ug/Kg		96	44 - 120
1,2,4-Trichlorobenzene	20.0	19.1		ug/Kg		95	68 - 150
1,1,1-Trichloroethane	20.0	19.0		ug/Kg		95	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879058/3
Matrix: Solid
Analysis Batch: 879058

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane			20.0	21.1		ug/Kg		105	80 - 120		
Trichloroethene			20.0	19.8		ug/Kg		99	79 - 120		
Trichlorofluoromethane			20.0	16.8		ug/Kg		84	76 - 142		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	19.6		ug/Kg		98	75 - 141		
Vinyl chloride			20.0	15.1		ug/Kg		75	72 - 131		
Xylenes, Total			40.0	43.2		ug/Kg		108	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*75 - 139*
Dibromofluoromethane (Surr)	*100*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 145*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-879058/4
Matrix: Solid
Analysis Batch: 879058

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	83.2		ug/Kg		83	63 - 131	2	30
Benzene			20.0	20.0		ug/Kg		100	80 - 123	3	30
Bromoform			20.0	16.7		ug/Kg		83	70 - 125	6	30
Bromomethane			20.0	17.0		ug/Kg		85	64 - 150	1	30
2-Butanone (MEK)			100	90.2		ug/Kg		90	75 - 120	1	30
Carbon disulfide			20.0	18.8		ug/Kg		94	76 - 120	1	30
Carbon tetrachloride			20.0	18.2		ug/Kg		91	77 - 121	2	30
Chlorobenzene			20.0	18.8		ug/Kg		94	80 - 120	4	30
Chlorobromomethane			20.0	18.9		ug/Kg		95	76 - 127	4	30
Chlorodibromomethane			20.0	17.8		ug/Kg		89	80 - 120	4	30
Chloroethane			20.0	17.9		ug/Kg		90	68 - 132	0	30
Chloroform			20.0	18.7		ug/Kg		94	79 - 126	3	30
Chloromethane			20.0	17.6		ug/Kg		88	63 - 130	5	30
cis-1,2-Dichloroethene			20.0	19.0		ug/Kg		95	80 - 123	1	30
cis-1,3-Dichloropropene			20.0	19.3		ug/Kg		97	80 - 120	2	30
Cyclohexane			20.0	19.8		ug/Kg		99	70 - 132	4	30
1,2-Dibromo-3-Chloropropane			20.0	18.8		ug/Kg		94	60 - 124	5	30
1,2-Dibromoethane			20.0	18.1		ug/Kg		91	79 - 120	6	30
1,2-Dichlorobenzene			20.0	18.8		ug/Kg		94	80 - 120	7	30
1,3-Dichlorobenzene			20.0	18.0		ug/Kg		90	80 - 120	7	30
1,4-Dichlorobenzene			20.0	18.3		ug/Kg		92	80 - 120	4	30
Dichlorobromomethane			20.0	17.8		ug/Kg		89	73 - 124	4	30
Dichlorodifluoromethane			20.0	16.5		ug/Kg		82	62 - 150	1	30
1,1-Dichloroethane			20.0	19.4		ug/Kg		97	77 - 129	6	30
1,2-Dichloroethane			20.0	18.2		ug/Kg		91	75 - 123	5	30
1,1-Dichloroethene			20.0	18.6		ug/Kg		93	70 - 132	4	30
1,2-Dichloroethene, Total			40.0	38.7		ug/Kg		97	79 - 125	4	30
1,2-Dichloropropane			20.0	20.0		ug/Kg		100	73 - 124	2	30
1,4-Dioxane			400	400		ug/Kg		100	80 - 136	1	30
Ethylbenzene			20.0	19.7		ug/Kg		98	76 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-879058/4
Matrix: Solid
Analysis Batch: 879058

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			100	96.2		ug/Kg		96	70 - 128	1	30
Isopropylbenzene			20.0	19.7		ug/Kg		98	80 - 120	3	30
Methyl acetate			40.0	42.9		ug/Kg		107	58 - 143	8	30
Methylcyclohexane			20.0	19.8		ug/Kg		99	70 - 133	4	30
Methylene Chloride			20.0	21.2		ug/Kg		106	76 - 120	7	30
4-Methyl-2-pentanone (MIBK)			100	97.3		ug/Kg		97	80 - 122	2	30
Methyl tert-butyl ether			20.0	20.4		ug/Kg		102	80 - 125	5	30
m-Xylene & p-Xylene			20.0	20.7		ug/Kg		103	80 - 120	7	30
o-Xylene			20.0	20.2		ug/Kg		101	80 - 120	4	30
Styrene			20.0	19.2		ug/Kg		96	80 - 120	5	30
1,1,2,2-Tetrachloroethane			20.0	17.8		ug/Kg		89	66 - 123	9	30
Tetrachloroethene			20.0	17.5		ug/Kg		87	78 - 123	6	30
Toluene			20.0	19.3		ug/Kg		96	80 - 120	1	30
trans-1,2-Dichloroethene			20.0	19.6		ug/Kg		98	78 - 120	7	30
trans-1,3-Dichloropropene			20.0	19.3		ug/Kg		97	80 - 120	5	30
1,2,3-Trichlorobenzene			20.0	17.7		ug/Kg		89	44 - 120	8	30
1,2,4-Trichlorobenzene			20.0	17.8		ug/Kg		89	68 - 150	7	30
1,1,1-Trichloroethane			20.0	18.3		ug/Kg		92	78 - 120	3	30
1,1,2-Trichloroethane			20.0	20.2		ug/Kg		101	80 - 120	5	30
Trichloroethene			20.0	18.6		ug/Kg		93	79 - 120	6	30
Trichlorofluoromethane			20.0	16.9		ug/Kg		85	76 - 142	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	18.5		ug/Kg		93	75 - 141	6	30
Vinyl chloride			20.0	15.9		ug/Kg		80	72 - 131	5	30
Xylenes, Total			40.0	40.9		ug/Kg		102	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*95*		*75 - 139*
Dibromofluoromethane (Surr)	*96*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*98*		*72 - 145*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 460-879240/7
Matrix: Solid
Analysis Batch: 879240

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			11/21/22 20:40	1
Benzene	ND		1.0	0.26	ug/Kg			11/21/22 20:40	1
Bromoform	ND		1.0	0.43	ug/Kg			11/21/22 20:40	1
Bromomethane	ND		2.0	1.0	ug/Kg			11/21/22 20:40	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			11/21/22 20:40	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			11/21/22 20:40	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			11/21/22 20:40	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			11/21/22 20:40	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			11/21/22 20:40	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			11/21/22 20:40	1
Chloroethane	ND		1.0	0.52	ug/Kg			11/21/22 20:40	1
Chloroform	ND		1.0	0.97	ug/Kg			11/21/22 20:40	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-879240/7
Matrix: Solid
Analysis Batch: 879240

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.44	ug/Kg			11/21/22 20:40	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			11/21/22 20:40	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/21/22 20:40	1
Cyclohexane	ND		1.0	0.22	ug/Kg			11/21/22 20:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			11/21/22 20:40	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			11/21/22 20:40	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			11/21/22 20:40	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			11/21/22 20:40	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			11/21/22 20:40	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			11/21/22 20:40	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			11/21/22 20:40	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			11/21/22 20:40	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			11/21/22 20:40	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			11/21/22 20:40	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			11/21/22 20:40	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			11/21/22 20:40	1
1,4-Dioxane	ND		100	9.2	ug/Kg			11/21/22 20:40	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			11/21/22 20:40	1
2-Hexanone	ND		5.0	1.7	ug/Kg			11/21/22 20:40	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			11/21/22 20:40	1
Methyl acetate	ND		5.0	4.3	ug/Kg			11/21/22 20:40	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			11/21/22 20:40	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			11/21/22 20:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			11/21/22 20:40	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			11/21/22 20:40	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			11/21/22 20:40	1
o-Xylene	ND		1.0	0.19	ug/Kg			11/21/22 20:40	1
Styrene	ND		1.0	0.28	ug/Kg			11/21/22 20:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			11/21/22 20:40	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			11/21/22 20:40	1
Toluene	ND		1.0	0.23	ug/Kg			11/21/22 20:40	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			11/21/22 20:40	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/21/22 20:40	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			11/21/22 20:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			11/21/22 20:40	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			11/21/22 20:40	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			11/21/22 20:40	1
Trichloroethene	ND		1.0	0.32	ug/Kg			11/21/22 20:40	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			11/21/22 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			11/21/22 20:40	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			11/21/22 20:40	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			11/21/22 20:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*75 - 139*		*11/21/22 20:40*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 139*		*11/21/22 20:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*		*11/21/22 20:40*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*11/21/22 20:40*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879240/3
Matrix: Solid
Analysis Batch: 879240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	91.6		ug/Kg		92	63 - 131
Benzene	20.0	20.5		ug/Kg		102	80 - 123
Bromoform	20.0	18.5		ug/Kg		93	70 - 125
Bromomethane	20.0	19.8		ug/Kg		99	64 - 150
2-Butanone (MEK)	100	95.2		ug/Kg		95	75 - 120
Carbon disulfide	20.0	19.2		ug/Kg		96	76 - 120
Carbon tetrachloride	20.0	19.2		ug/Kg		96	77 - 121
Chlorobenzene	20.0	20.0		ug/Kg		100	80 - 120
Chlorobromomethane	20.0	20.3		ug/Kg		101	76 - 127
Chlorodibromomethane	20.0	19.0		ug/Kg		95	80 - 120
Chloroethane	20.0	21.1		ug/Kg		105	68 - 132
Chloroform	20.0	20.0		ug/Kg		100	79 - 126
Chloromethane	20.0	19.7		ug/Kg		99	63 - 130
cis-1,2-Dichloroethene	20.0	19.4		ug/Kg		97	80 - 123
cis-1,3-Dichloropropene	20.0	19.8		ug/Kg		99	80 - 120
Cyclohexane	20.0	20.5		ug/Kg		103	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	18.6		ug/Kg		93	60 - 124
1,2-Dibromoethane	20.0	19.1		ug/Kg		95	79 - 120
1,2-Dichlorobenzene	20.0	20.1		ug/Kg		101	80 - 120
1,3-Dichlorobenzene	20.0	19.4		ug/Kg		97	80 - 120
1,4-Dichlorobenzene	20.0	19.3		ug/Kg		97	80 - 120
Dichlorobromomethane	20.0	18.7		ug/Kg		93	73 - 124
Dichlorodifluoromethane	20.0	17.2		ug/Kg		86	62 - 150
1,1-Dichloroethane	20.0	20.3		ug/Kg		102	77 - 129
1,2-Dichloroethane	20.0	18.7		ug/Kg		94	75 - 123
1,1-Dichloroethene	20.0	19.5		ug/Kg		98	70 - 132
1,2-Dichloroethene, Total	40.0	39.0		ug/Kg		98	79 - 125
1,2-Dichloropropane	20.0	20.2		ug/Kg		101	73 - 124
1,4-Dioxane	400	402		ug/Kg		100	80 - 136
Ethylbenzene	20.0	20.4		ug/Kg		102	76 - 120
2-Hexanone	100	99.8		ug/Kg		100	70 - 128
Isopropylbenzene	20.0	20.0		ug/Kg		100	80 - 120
Methyl acetate	40.0	43.4		ug/Kg		109	58 - 143
Methylcyclohexane	20.0	19.9		ug/Kg		99	70 - 133
Methylene Chloride	20.0	19.2		ug/Kg		96	76 - 120
4-Methyl-2-pentanone (MIBK)	100	102		ug/Kg		102	80 - 122
Methyl tert-butyl ether	20.0	19.8		ug/Kg		99	80 - 125
m-Xylene & p-Xylene	20.0	20.5		ug/Kg		103	80 - 120
o-Xylene	20.0	21.3		ug/Kg		106	80 - 120
Styrene	20.0	20.2		ug/Kg		101	80 - 120
1,1,2,2-Tetrachloroethane	20.0	17.8		ug/Kg		89	66 - 123
Tetrachloroethene	20.0	18.9		ug/Kg		95	78 - 123
Toluene	20.0	19.9		ug/Kg		99	80 - 120
trans-1,2-Dichloroethene	20.0	19.7		ug/Kg		98	78 - 120
trans-1,3-Dichloropropene	20.0	19.3		ug/Kg		96	80 - 120
1,2,3-Trichlorobenzene	20.0	19.1		ug/Kg		95	44 - 120
1,2,4-Trichlorobenzene	20.0	19.3		ug/Kg		96	68 - 150
1,1,1-Trichloroethane	20.0	19.7		ug/Kg		99	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879240/3
Matrix: Solid
Analysis Batch: 879240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane			20.0	22.0		ug/Kg		110	80 - 120		
Trichloroethene			20.0	19.8		ug/Kg		99	79 - 120		
Trichlorofluoromethane			20.0	19.8		ug/Kg		99	76 - 142		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	20.1		ug/Kg		100	75 - 141		
Vinyl chloride			20.0	18.7		ug/Kg		93	72 - 131		
Xylenes, Total			40.0	41.8		ug/Kg		105	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*75 - 139*
Dibromofluoromethane (Surr)	*104*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 145*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 460-879240/4
Matrix: Solid
Analysis Batch: 879240

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	83.9		ug/Kg		84	63 - 131	9	30
Benzene			20.0	19.7		ug/Kg		98	80 - 123	4	30
Bromoform			20.0	17.5		ug/Kg		87	70 - 125	6	30
Bromomethane			20.0	18.6		ug/Kg		93	64 - 150	6	30
2-Butanone (MEK)			100	94.1		ug/Kg		94	75 - 120	1	30
Carbon disulfide			20.0	20.2		ug/Kg		101	76 - 120	5	30
Carbon tetrachloride			20.0	19.1		ug/Kg		96	77 - 121	0	30
Chlorobenzene			20.0	19.2		ug/Kg		96	80 - 120	4	30
Chlorobromomethane			20.0	19.7		ug/Kg		98	76 - 127	3	30
Chlorodibromomethane			20.0	18.9		ug/Kg		95	80 - 120	1	30
Chloroethane			20.0	19.8		ug/Kg		99	68 - 132	6	30
Chloroform			20.0	19.7		ug/Kg		99	79 - 126	1	30
Chloromethane			20.0	18.2		ug/Kg		91	63 - 130	8	30
cis-1,2-Dichloroethene			20.0	19.8		ug/Kg		99	80 - 123	2	30
cis-1,3-Dichloropropene			20.0	19.1		ug/Kg		95	80 - 120	4	30
Cyclohexane			20.0	20.3		ug/Kg		101	70 - 132	1	30
1,2-Dibromo-3-Chloropropane			20.0	20.4		ug/Kg		102	60 - 124	9	30
1,2-Dibromoethane			20.0	18.6		ug/Kg		93	79 - 120	2	30
1,2-Dichlorobenzene			20.0	19.9		ug/Kg		99	80 - 120	1	30
1,3-Dichlorobenzene			20.0	19.4		ug/Kg		97	80 - 120	0	30
1,4-Dichlorobenzene			20.0	19.3		ug/Kg		96	80 - 120	0	30
Dichlorobromomethane			20.0	18.2		ug/Kg		91	73 - 124	3	30
Dichlorodifluoromethane			20.0	15.4		ug/Kg		77	62 - 150	11	30
1,1-Dichloroethane			20.0	19.8		ug/Kg		99	77 - 129	2	30
1,2-Dichloroethane			20.0	18.4		ug/Kg		92	75 - 123	1	30
1,1-Dichloroethene			20.0	21.0		ug/Kg		105	70 - 132	7	30
1,2-Dichloroethene, Total			40.0	40.7		ug/Kg		102	79 - 125	4	30
1,2-Dichloropropane			20.0	19.7		ug/Kg		99	73 - 124	2	30
1,4-Dioxane			400	362		ug/Kg		91	80 - 136	10	30
Ethylbenzene			20.0	19.7		ug/Kg		99	76 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-879240/4 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879240

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			100	96.6		ug/Kg		97	70 - 128	3	30
Isopropylbenzene			20.0	19.8		ug/Kg		99	80 - 120	1	30
Methyl acetate			40.0	49.1		ug/Kg		123	58 - 143	12	30
Methylcyclohexane			20.0	19.4		ug/Kg		97	70 - 133	2	30
Methylene Chloride			20.0	21.0		ug/Kg		105	76 - 120	9	30
4-Methyl-2-pentanone (MIBK)			100	97.3		ug/Kg		97	80 - 122	4	30
Methyl tert-butyl ether			20.0	20.4		ug/Kg		102	80 - 125	3	30
m-Xylene & p-Xylene			20.0	19.8		ug/Kg		99	80 - 120	4	30
o-Xylene			20.0	20.4		ug/Kg		102	80 - 120	4	30
Styrene			20.0	19.8		ug/Kg		99	80 - 120	2	30
1,1,2,2-Tetrachloroethane			20.0	19.5		ug/Kg		97	66 - 123	9	30
Tetrachloroethene			20.0	18.1		ug/Kg		90	78 - 123	4	30
Toluene			20.0	19.2		ug/Kg		96	80 - 120	4	30
trans-1,2-Dichloroethene			20.0	21.0		ug/Kg		105	78 - 120	6	30
trans-1,3-Dichloropropene			20.0	19.2		ug/Kg		96	80 - 120	0	30
1,2,3-Trichlorobenzene			20.0	19.9		ug/Kg		99	44 - 120	4	30
1,2,4-Trichlorobenzene			20.0	19.6		ug/Kg		98	68 - 150	2	30
1,1,1-Trichloroethane			20.0	19.7		ug/Kg		98	78 - 120	0	30
1,1,2-Trichloroethane			20.0	20.6		ug/Kg		103	80 - 120	6	30
Trichloroethene			20.0	19.2		ug/Kg		96	79 - 120	3	30
Trichlorofluoromethane			20.0	18.2		ug/Kg		91	76 - 142	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	21.3		ug/Kg		107	75 - 141	6	30
Vinyl chloride			20.0	18.2		ug/Kg		91	72 - 131	3	30
Xylenes, Total			40.0	40.3		ug/Kg		101	80 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*96*		*75 - 139*
Dibromofluoromethane (Surr)	*96*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 145*
Toluene-d8 (Surr)	*96*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-878611/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878839 **Prep Batch: 878611**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		330	9.4	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Acenaphthylene	ND		330	9.5	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Acetophenone	ND		330	16	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Anthracene	ND		330	10	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Atrazine	ND		130	19	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Benzaldehyde	ND		330	55	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Benzo[a]anthracene	ND		33	12	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Benzo[a]pyrene	ND		33	8.8	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Benzo[b]fluoranthene	ND		33	8.6	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Benzo[g,h,i]perylene	ND		330	9.8	ug/Kg		11/17/22 22:33	11/18/22 23:39	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878611/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878839 **Prep Batch: 878611**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		33	6.5	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
1,1'-Biphenyl	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Bis(2-chloroethoxy)methane	ND		330	26	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Bis(2-chloroethyl)ether	ND		33	12	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Bis(2-ethylhexyl) phthalate	ND		330	17	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
4-Bromophenyl phenyl ether	ND		330	13	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Butyl benzyl phthalate	ND		330	16	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Caprolactam	ND		330	51	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Carbazole	ND		330	13	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
4-Chloroaniline	ND		330	59	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
4-Chloro-3-methylphenol	ND		330	19	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2-Chloronaphthalene	ND		330	15	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2-Chlorophenol	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
4-Chlorophenyl phenyl ether	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Chrysene	ND		330	5.6	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Dibenz(a,h)anthracene	ND		33	14	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Dibenzofuran	ND		330	11	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
3,3'-Dichlorobenzidine	ND		130	50	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2,4-Dichlorophenol	ND		130	21	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Diethyl phthalate	ND		330	11	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2,4-Dimethylphenol	ND		330	39	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Dimethyl phthalate	ND		330	75	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Di-n-butyl phthalate	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2,4-Dinitrophenol	ND		270	160	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2,4-Dinitrotoluene	ND		67	36	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2,6-Dinitrotoluene	ND		67	24	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Di-n-octyl phthalate	ND		330	18	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
1,4-Dioxane	ND		33	29	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Fluoranthene	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Fluorene	ND		330	9.7	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Hexachlorobenzene	ND		33	16	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Hexachlorobutadiene	ND		67	7.0	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Hexachlorocyclopentadiene	ND		330	29	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Hexachloroethane	ND		33	11	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Indeno[1,2,3-cd]pyrene	ND		33	13	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Isophorone	ND		130	96	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2-Methylnaphthalene	ND		330	9.3	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2-Methylphenol	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Methylphenol, 3 & 4	ND		330	21	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Naphthalene	ND		330	5.7	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2-Nitroaniline	ND		330	25	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
3-Nitroaniline	ND		330	79	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
4-Nitroaniline	ND		330	38	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Nitrobenzene	ND		33	18	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2-Nitrophenol	ND		330	33	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
4-Nitrophenol	ND		670	54	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
N-Nitrosodi-n-propylamine	ND		33	24	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
N-Nitrosodiphenylamine	ND		330	27	ug/Kg		11/17/22 22:33	11/18/22 23:39	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878611/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878839 **Prep Batch: 878611**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		330	6.0	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Pentachlorophenol	ND		270	68	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Phenanthrene	ND		330	5.8	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Phenol	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
Pyrene	ND		330	8.2	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
1,2,4,5-Tetrachlorobenzene	ND		330	10	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2,3,4,6-Tetrachlorophenol	ND		330	22	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2,4,5-Trichlorophenol	ND		330	34	ug/Kg		11/17/22 22:33	11/18/22 23:39	1
2,4,6-Trichlorophenol	ND		130	42	ug/Kg		11/17/22 22:33	11/18/22 23:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*22 - 122*	*11/17/22 22:33*	*11/18/22 23:39*	*1*
2-Fluorophenol (Surr)	*83*		*18 - 123*	*11/17/22 22:33*	*11/18/22 23:39*	*1*
Nitrobenzene-d5 (Surr)	*96*		*16 - 125*	*11/17/22 22:33*	*11/18/22 23:39*	*1*
Phenol-d5 (Surr)	*85*		*23 - 120*	*11/17/22 22:33*	*11/18/22 23:39*	*1*
Terphenyl-d14 (Surr)	*102*		*25 - 126*	*11/17/22 22:33*	*11/18/22 23:39*	*1*
2,4,6-Tribromophenol (Surr)	*111*		*10 - 123*	*11/17/22 22:33*	*11/18/22 23:39*	*1*

Lab Sample ID: LCS 460-878611/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878839 **Prep Batch: 878611**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3330	3040		ug/Kg		91	49 - 120
Acenaphthylene	3330	2860		ug/Kg		86	64 - 120
Acetophenone	3330	2660		ug/Kg		80	61 - 120
Anthracene	3330	2960		ug/Kg		89	67 - 120
Atrazine	1330	1760		ug/Kg		132	29 - 150
Benzaldehyde	1330	1370		ug/Kg		103	34 - 150
Benzo[a]anthracene	3330	2990		ug/Kg		90	62 - 120
Benzo[a]pyrene	3330	2840		ug/Kg		85	73 - 123
Benzo[b]fluoranthene	3330	3040		ug/Kg		91	70 - 125
Benzo[g,h,i]perylene	3330	3030		ug/Kg		91	66 - 120
Benzo[k]fluoranthene	3330	3160		ug/Kg		95	67 - 122
1,1'-Biphenyl	3330	2980		ug/Kg		89	59 - 120
Bis(2-chloroethoxy)methane	3330	2820		ug/Kg		85	62 - 120
Bis(2-chloroethyl)ether	3330	2700		ug/Kg		81	60 - 120
Bis(2-ethylhexyl) phthalate	3330	3150		ug/Kg		95	59 - 125
4-Bromophenyl phenyl ether	3330	3060		ug/Kg		92	67 - 120
Butyl benzyl phthalate	3330	3400		ug/Kg		102	62 - 127
Caprolactam	1330	1400		ug/Kg		105	36 - 150
Carbazole	3330	2960		ug/Kg		89	64 - 120
4-Chloroaniline	3330	2870		ug/Kg		86	15 - 128
4-Chloro-3-methylphenol	3330	2980		ug/Kg		89	66 - 120
2-Chloronaphthalene	3330	3020		ug/Kg		91	60 - 120
2-Chlorophenol	3330	2770		ug/Kg		83	63 - 120
4-Chlorophenyl phenyl ether	3330	3030		ug/Kg		91	62 - 120
Chrysene	3330	2900		ug/Kg		87	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878611/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878839 **Prep Batch: 878611**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	3330	3280		ug/Kg		98	66 - 128
Dibenzofuran	3330	3010		ug/Kg		90	61 - 120
3,3'-Dichlorobenzidine	3330	3140		ug/Kg		94	13 - 136
2,4-Dichlorophenol	3330	2990		ug/Kg		90	66 - 120
Diethyl phthalate	3330	3090		ug/Kg		93	63 - 120
2,4-Dimethylphenol	3330	2940		ug/Kg		88	67 - 120
Dimethyl phthalate	3330	3110		ug/Kg		93	65 - 120
Di-n-butyl phthalate	3330	3060		ug/Kg		92	66 - 120
4,6-Dinitro-2-methylphenol	6670	7450		ug/Kg		112	50 - 136
2,4-Dinitrophenol	6670	8040		ug/Kg		121	36 - 129
2,4-Dinitrotoluene	3330	3320		ug/Kg		99	65 - 124
2,6-Dinitrotoluene	3330	3450		ug/Kg		104	67 - 121
Di-n-octyl phthalate	3330	3200		ug/Kg		96	65 - 133
1,4-Dioxane	3330	2570		ug/Kg		77	21 - 120
Fluoranthene	3330	2940		ug/Kg		88	61 - 120
Fluorene	3330	3060		ug/Kg		92	60 - 120
Hexachlorobenzene	3330	3060		ug/Kg		92	66 - 120
Hexachlorobutadiene	3330	2770		ug/Kg		83	62 - 120
Hexachlorocyclopentadiene	3330	2810		ug/Kg		84	38 - 120
Hexachloroethane	3330	2710		ug/Kg		81	61 - 120
Indeno[1,2,3-cd]pyrene	3330	3280		ug/Kg		98	62 - 130
Isophorone	3330	2790		ug/Kg		84	67 - 120
2-Methylnaphthalene	3330	2650		ug/Kg		80	64 - 120
2-Methylphenol	3330	2720		ug/Kg		81	63 - 120
Methylphenol, 3 & 4	3330	2770		ug/Kg		83	61 - 120
Naphthalene	3330	2820		ug/Kg		85	63 - 120
2-Nitroaniline	3330	3270		ug/Kg		98	48 - 120
3-Nitroaniline	3330	3340		ug/Kg		100	39 - 122
4-Nitroaniline	3330	3320		ug/Kg		100	55 - 120
Nitrobenzene	3330	3010		ug/Kg		90	63 - 120
2-Nitrophenol	3330	3510		ug/Kg		105	64 - 120
4-Nitrophenol	6670	6970		ug/Kg		105	52 - 123
N-Nitrosodi-n-propylamine	3330	2750		ug/Kg		83	61 - 120
N-Nitrosodiphenylamine	3330	2950		ug/Kg		88	63 - 120
2,2'-oxybis[1-chloropropane]	3330	2570		ug/Kg		77	49 - 126
Pentachlorophenol	6670	6950		ug/Kg		104	37 - 126
Phenanthrene	3330	2970		ug/Kg		89	66 - 120
Phenol	3330	2690		ug/Kg		81	63 - 120
Pyrene	3330	3010		ug/Kg		90	61 - 121
1,2,4,5-Tetrachlorobenzene	3330	3040		ug/Kg		91	60 - 120
2,3,4,6-Tetrachlorophenol	3330	3450		ug/Kg		103	54 - 120
2,4,5-Trichlorophenol	3330	3270		ug/Kg		98	59 - 120
2,4,6-Trichlorophenol	3330	3200		ug/Kg		96	58 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*22 - 122*
2-Fluorophenol (Surr)	*78*		*18 - 123*
Nitrobenzene-d5 (Surr)	*87*		*16 - 125*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878611/2-A
Matrix: Solid
Analysis Batch: 878839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878611

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Phenol-d5 (Surr)	*79*		*23 - 120*
Terphenyl-d14 (Surr)	*91*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*111*		*10 - 123*

Lab Sample ID: LCSD 460-878611/3-A
Matrix: Solid
Analysis Batch: 878839

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 878611

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			3330	3390		ug/Kg		102	49 - 120	11	30
Acenaphthylene			3330	3170		ug/Kg		95	64 - 120	10	30
Acetophenone			3330	2980		ug/Kg		89	61 - 120	11	30
Anthracene			3330	3230		ug/Kg		97	67 - 120	9	30
Atrazine			1330	1900		ug/Kg		143	29 - 150	8	30
Benzaldehyde			1330	1470		ug/Kg		111	34 - 150	7	30
Benzo[a]anthracene			3330	3320		ug/Kg		100	62 - 120	11	30
Benzo[a]pyrene			3330	3160		ug/Kg		95	73 - 123	11	30
Benzo[b]fluoranthene			3330	3350		ug/Kg		101	70 - 125	10	30
Benzo[g,h,i]perylene			3330	3360		ug/Kg		101	66 - 120	10	30
Benzo[k]fluoranthene			3330	3490		ug/Kg		105	67 - 122	10	30
1,1'-Biphenyl			3330	3330		ug/Kg		100	59 - 120	11	30
Bis(2-chloroethoxy)methane			3330	3090		ug/Kg		93	62 - 120	9	30
Bis(2-chloroethyl)ether			3330	2990		ug/Kg		90	60 - 120	10	30
Bis(2-ethylhexyl) phthalate			3330	3530		ug/Kg		106	59 - 125	11	30
4-Bromophenyl phenyl ether			3330	3370		ug/Kg		101	67 - 120	10	30
Butyl benzyl phthalate			3330	3830		ug/Kg		115	62 - 127	12	30
Caprolactam			1330	1580		ug/Kg		119	36 - 150	12	30
Carbazole			3330	3230		ug/Kg		97	64 - 120	8	30
4-Chloroaniline			3330	3180		ug/Kg		95	15 - 128	10	30
4-Chloro-3-methylphenol			3330	3330		ug/Kg		100	66 - 120	11	30
2-Chloronaphthalene			3330	3320		ug/Kg		100	60 - 120	9	30
2-Chlorophenol			3330	3060		ug/Kg		92	63 - 120	10	30
4-Chlorophenyl phenyl ether			3330	3350		ug/Kg		101	62 - 120	10	30
Chrysene			3330	3210		ug/Kg		96	63 - 120	10	30
Dibenz(a,h)anthracene			3330	3640		ug/Kg		109	66 - 128	11	30
Dibenzofuran			3330	3320		ug/Kg		100	61 - 120	10	30
3,3'-Dichlorobenzidine			3330	3550		ug/Kg		106	13 - 136	12	30
2,4-Dichlorophenol			3330	3280		ug/Kg		99	66 - 120	9	30
Diethyl phthalate			3330	3440		ug/Kg		103	63 - 120	11	30
2,4-Dimethylphenol			3330	3230		ug/Kg		97	67 - 120	10	30
Dimethyl phthalate			3330	3480		ug/Kg		104	65 - 120	11	30
Di-n-butyl phthalate			3330	3380		ug/Kg		101	66 - 120	10	30
4,6-Dinitro-2-methylphenol			6670	8510		ug/Kg		128	50 - 136	13	30
2,4-Dinitrophenol			6670	9290	*+	ug/Kg		139	36 - 129	14	30
2,4-Dinitrotoluene			3330	3760		ug/Kg		113	65 - 124	13	30
2,6-Dinitrotoluene			3330	3850		ug/Kg		116	67 - 121	11	30
Di-n-octyl phthalate			3330	3530		ug/Kg		106	65 - 133	10	30
1,4-Dioxane			3330	2820		ug/Kg		85	21 - 120	9	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-878611/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878839 **Prep Batch: 878611**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoranthene			3330	3230		ug/Kg		97	61 - 120	9	30
Fluorene			3330	3400		ug/Kg		102	60 - 120	10	30
Hexachlorobenzene			3330	3430		ug/Kg		103	66 - 120	12	30
Hexachlorobutadiene			3330	3090		ug/Kg		93	62 - 120	11	30
Hexachlorocyclopentadiene			3330	3190		ug/Kg		96	38 - 120	12	30
Hexachloroethane			3330	2990		ug/Kg		90	61 - 120	10	30
Indeno[1,2,3-cd]pyrene			3330	3630		ug/Kg		109	62 - 130	10	30
Isophorone			3330	3130		ug/Kg		94	67 - 120	11	30
2-Methylnaphthalene			3330	2920		ug/Kg		88	64 - 120	9	30
2-Methylphenol			3330	3060		ug/Kg		92	63 - 120	12	30
Methylphenol, 3 & 4			3330	3080		ug/Kg		92	61 - 120	11	30
Naphthalene			3330	3110		ug/Kg		93	63 - 120	10	30
2-Nitroaniline			3330	3670		ug/Kg		110	48 - 120	12	30
3-Nitroaniline			3330	3800		ug/Kg		114	39 - 122	13	30
4-Nitroaniline			3330	3670		ug/Kg		110	55 - 120	10	30
Nitrobenzene			3330	3370		ug/Kg		101	63 - 120	11	30
2-Nitrophenol			3330	3960		ug/Kg		119	64 - 120	12	30
4-Nitrophenol			6670	7640		ug/Kg		115	52 - 123	9	30
N-Nitrosodi-n-propylamine			3330	3080		ug/Kg		92	61 - 120	11	30
N-Nitrosodiphenylamine			3330	3260		ug/Kg		98	63 - 120	10	30
2,2'-oxybis[1-chloropropane]			3330	2860		ug/Kg		86	49 - 126	11	30
Pentachlorophenol			6670	7730		ug/Kg		116	37 - 126	11	30
Phenanthrene			3330	3280		ug/Kg		98	66 - 120	10	30
Phenol			3330	3020		ug/Kg		91	63 - 120	12	30
Pyrene			3330	3360		ug/Kg		101	61 - 121	11	30
1,2,4,5-Tetrachlorobenzene			3330	3360		ug/Kg		101	60 - 120	10	30
2,3,4,6-Tetrachlorophenol			3330	3810		ug/Kg		114	54 - 120	10	30
2,4,5-Trichlorophenol			3330	3660		ug/Kg		110	59 - 120	11	30
2,4,6-Trichlorophenol			3330	3570		ug/Kg		107	58 - 120	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*95*		*22 - 122*
2-Fluorophenol (Surr)	*86*		*18 - 123*
Nitrobenzene-d5 (Surr)	*97*		*16 - 125*
Phenol-d5 (Surr)	*88*		*23 - 120*
Terphenyl-d14 (Surr)	*101*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*121*		*10 - 123*

Lab Sample ID: 180-147957-10 MS **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878839 **Prep Batch: 878611**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		3860	3140		ug/Kg	☼	82	49 - 120
Acenaphthylene	ND		3860	2910		ug/Kg	☼	76	64 - 120
Acetophenone	ND		3860	2660		ug/Kg	☼	69	61 - 120
Anthracene	ND		3860	3010		ug/Kg	☼	78	67 - 120
Atrazine	ND		1540	1860		ug/Kg	☼	121	29 - 150

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147957-10 MS **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878839 **Prep Batch: 878611**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzaldehyde	ND		1540	1380	E	ug/Kg	☼	90	34 - 150
Benzo[a]anthracene	ND		3860	3120		ug/Kg	☼	81	62 - 120
Benzo[a]pyrene	ND		3860	2900		ug/Kg	☼	75	73 - 123
Benzo[b]fluoranthene	ND		3860	3220		ug/Kg	☼	83	70 - 125
Benzo[g,h,i]perylene	ND		3860	3160		ug/Kg	☼	82	66 - 120
Benzo[k]fluoranthene	ND		3860	3000		ug/Kg	☼	78	67 - 122
1,1'-Biphenyl	ND		3860	3090		ug/Kg	☼	80	59 - 120
Bis(2-chloroethoxy)methane	ND		3860	2810		ug/Kg	☼	73	62 - 120
Bis(2-chloroethyl)ether	ND		3860	2700		ug/Kg	☼	70	60 - 120
Bis(2-ethylhexyl) phthalate	ND		3860	3260		ug/Kg	☼	85	59 - 125
4-Bromophenyl phenyl ether	ND		3860	3110		ug/Kg	☼	81	67 - 120
Butyl benzyl phthalate	ND		3860	3530		ug/Kg	☼	92	62 - 127
Caprolactam	ND		1540	1550		ug/Kg	☼	100	36 - 150
Carbazole	ND		3860	3030		ug/Kg	☼	78	64 - 120
4-Chloroaniline	ND		3860	2830		ug/Kg	☼	73	15 - 128
4-Chloro-3-methylphenol	ND		3860	2930		ug/Kg	☼	76	66 - 120
2-Chloronaphthalene	ND		3860	3030		ug/Kg	☼	79	60 - 120
2-Chlorophenol	ND		3860	2740		ug/Kg	☼	71	63 - 120
4-Chlorophenyl phenyl ether	ND		3860	3060		ug/Kg	☼	79	62 - 120
Chrysene	7.3	J	3860	2960		ug/Kg	☼	77	63 - 120
Dibenz(a,h)anthracene	ND		3860	3400		ug/Kg	☼	88	66 - 128
Dibenzofuran	ND		3860	3070		ug/Kg	☼	80	61 - 120
3,3'-Dichlorobenzidine	ND		3860	3160		ug/Kg	☼	82	13 - 136
2,4-Dichlorophenol	ND		3860	2960		ug/Kg	☼	77	66 - 120
Diethyl phthalate	ND		3860	3130		ug/Kg	☼	81	63 - 120
2,4-Dimethylphenol	ND		3860	2890		ug/Kg	☼	75	67 - 120
Dimethyl phthalate	ND		3860	3190		ug/Kg	☼	83	65 - 120
Di-n-butyl phthalate	ND		3860	3170		ug/Kg	☼	82	66 - 120
4,6-Dinitro-2-methylphenol	ND		7710	7110		ug/Kg	☼	92	50 - 136
2,4-Dinitrophenol	ND	*+	7710	7230		ug/Kg	☼	94	36 - 129
2,4-Dinitrotoluene	ND		3860	3410		ug/Kg	☼	89	65 - 124
2,6-Dinitrotoluene	ND		3860	3450		ug/Kg	☼	89	67 - 121
Di-n-octyl phthalate	ND		3860	3210		ug/Kg	☼	83	65 - 133
1,4-Dioxane	ND		3860	2420		ug/Kg	☼	63	21 - 120
Fluoranthene	ND		3860	3020		ug/Kg	☼	78	61 - 120
Fluorene	ND		3860	3100		ug/Kg	☼	80	60 - 120
Hexachlorobenzene	ND		3860	3160		ug/Kg	☼	82	66 - 120
Hexachlorobutadiene	ND		3860	2780		ug/Kg	☼	72	62 - 120
Hexachlorocyclopentadiene	ND		3860	1990		ug/Kg	☼	52	38 - 120
Hexachloroethane	ND		3860	2640		ug/Kg	☼	69	61 - 120
Indeno[1,2,3-cd]pyrene	ND		3860	3480		ug/Kg	☼	90	62 - 130
Isophorone	ND		3860	2800		ug/Kg	☼	73	67 - 120
2-Methylnaphthalene	ND		3860	2640		ug/Kg	☼	69	64 - 120
2-Methylphenol	ND		3860	2730		ug/Kg	☼	71	63 - 120
Methylphenol, 3 & 4	ND		3860	2810		ug/Kg	☼	73	61 - 120
Naphthalene	ND		3860	2810		ug/Kg	☼	73	63 - 120
2-Nitroaniline	ND		3860	3340		ug/Kg	☼	87	48 - 120
3-Nitroaniline	ND		3860	3370		ug/Kg	☼	87	39 - 122
4-Nitroaniline	ND		3860	3370		ug/Kg	☼	87	55 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147957-10 MS **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878839 **Prep Batch: 878611**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	ND		3860	3000		ug/Kg	☼	78	63 - 120
2-Nitrophenol	ND		3860	3360		ug/Kg	☼	87	64 - 120
4-Nitrophenol	ND		7710	6910		ug/Kg	☼	90	52 - 123
N-Nitrosodi-n-propylamine	ND		3860	2750		ug/Kg	☼	71	61 - 120
N-Nitrosodiphenylamine	ND		3860	3020		ug/Kg	☼	78	63 - 120
2,2'-oxybis[1-chloropropane]	ND		3860	2550		ug/Kg	☼	66	49 - 126
Pentachlorophenol	ND		7710	6930		ug/Kg	☼	90	37 - 126
Phenanthrene	ND		3860	3030		ug/Kg	☼	79	66 - 120
Phenol	ND		3860	2680		ug/Kg	☼	70	63 - 120
Pyrene	11	J	3860	3170		ug/Kg	☼	82	61 - 121
1,2,4,5-Tetrachlorobenzene	ND		3860	3070		ug/Kg	☼	80	60 - 120
2,3,4,6-Tetrachlorophenol	ND		3860	3430		ug/Kg	☼	89	54 - 120
2,4,5-Trichlorophenol	ND		3860	3260		ug/Kg	☼	85	59 - 120
2,4,6-Trichlorophenol	ND		3860	3350		ug/Kg	☼	87	58 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*76*		*22 - 122*
2-Fluorophenol (Surr)	*66*		*18 - 123*
Nitrobenzene-d5 (Surr)	*75*		*16 - 125*
Phenol-d5 (Surr)	*68*		*23 - 120*
Terphenyl-d14 (Surr)	*82*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 123*

Lab Sample ID: 180-147957-10 MSD **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878839 **Prep Batch: 878611**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		3860	3290		ug/Kg	☼	85	49 - 120	4	30
Acenaphthylene	ND		3860	3070		ug/Kg	☼	80	64 - 120	5	30
Acetophenone	ND		3860	2770		ug/Kg	☼	72	61 - 120	4	30
Anthracene	ND		3860	3150		ug/Kg	☼	82	67 - 120	5	30
Atrazine	ND		1540	1930		ug/Kg	☼	125	29 - 150	3	30
Benzaldehyde	ND		1540	1370	E	ug/Kg	☼	88	34 - 150	1	30
Benzo[a]anthracene	ND		3860	3300		ug/Kg	☼	85	62 - 120	6	30
Benzo[a]pyrene	ND		3860	3100		ug/Kg	☼	80	73 - 123	7	30
Benzo[b]fluoranthene	ND		3860	3500		ug/Kg	☼	91	70 - 125	8	30
Benzo[g,h,i]perylene	ND		3860	3380		ug/Kg	☼	87	66 - 120	7	30
Benzo[k]fluoranthene	ND		3860	3240		ug/Kg	☼	84	67 - 122	7	30
1,1'-Biphenyl	ND		3860	3170		ug/Kg	☼	82	59 - 120	3	30
Bis(2-chloroethoxy)methane	ND		3860	2910		ug/Kg	☼	75	62 - 120	4	30
Bis(2-chloroethyl)ether	ND		3860	2750		ug/Kg	☼	71	60 - 120	2	30
Bis(2-ethylhexyl) phthalate	ND		3860	3420		ug/Kg	☼	89	59 - 125	5	30
4-Bromophenyl phenyl ether	ND		3860	3270		ug/Kg	☼	85	67 - 120	5	30
Butyl benzyl phthalate	ND		3860	3680		ug/Kg	☼	95	62 - 127	4	30
Caprolactam	ND		1540	1510		ug/Kg	☼	98	36 - 150	2	30
Carbazole	ND		3860	3140		ug/Kg	☼	81	64 - 120	4	30
4-Chloroaniline	ND		3860	2990		ug/Kg	☼	77	15 - 128	5	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147957-10 MSD **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878839 **Prep Batch: 878611**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	ND		3860	3150		ug/Kg	☼	82	66 - 120	7	30
2-Chloronaphthalene	ND		3860	3180		ug/Kg	☼	82	60 - 120	5	30
2-Chlorophenol	ND		3860	2790		ug/Kg	☼	72	63 - 120	2	30
4-Chlorophenyl phenyl ether	ND		3860	3220		ug/Kg	☼	84	62 - 120	5	30
Chrysene	7.3	J	3860	3090		ug/Kg	☼	80	63 - 120	4	30
Dibenz(a,h)anthracene	ND		3860	3640		ug/Kg	☼	94	66 - 128	7	30
Dibenzofuran	ND		3860	3210		ug/Kg	☼	83	61 - 120	5	30
3,3'-Dichlorobenzidine	ND		3860	3350		ug/Kg	☼	87	13 - 136	6	30
2,4-Dichlorophenol	ND		3860	3120		ug/Kg	☼	81	66 - 120	5	30
Diethyl phthalate	ND		3860	3280		ug/Kg	☼	85	63 - 120	5	30
2,4-Dimethylphenol	ND		3860	3070		ug/Kg	☼	80	67 - 120	6	30
Dimethyl phthalate	ND		3860	3300		ug/Kg	☼	86	65 - 120	3	30
Di-n-butyl phthalate	ND		3860	3280		ug/Kg	☼	85	66 - 120	3	30
4,6-Dinitro-2-methylphenol	ND		7720	7340		ug/Kg	☼	95	50 - 136	3	30
2,4-Dinitrophenol	ND	*+	7720	7720		ug/Kg	☼	100	36 - 129	7	30
2,4-Dinitrotoluene	ND		3860	3580		ug/Kg	☼	93	65 - 124	5	30
2,6-Dinitrotoluene	ND		3860	3700		ug/Kg	☼	96	67 - 121	7	30
Di-n-octyl phthalate	ND		3860	3410		ug/Kg	☼	88	65 - 133	6	30
1,4-Dioxane	ND		3860	2460		ug/Kg	☼	64	21 - 120	2	30
Fluoranthene	ND		3860	3130		ug/Kg	☼	81	61 - 120	4	30
Fluorene	ND		3860	3280		ug/Kg	☼	85	60 - 120	6	30
Hexachlorobenzene	ND		3860	3280		ug/Kg	☼	85	66 - 120	4	30
Hexachlorobutadiene	ND		3860	2880		ug/Kg	☼	75	62 - 120	3	30
Hexachlorocyclopentadiene	ND		3860	2130		ug/Kg	☼	55	38 - 120	7	30
Hexachloroethane	ND		3860	2690		ug/Kg	☼	70	61 - 120	2	30
Indeno[1,2,3-cd]pyrene	ND		3860	3610		ug/Kg	☼	94	62 - 130	4	30
Isophorone	ND		3860	2940		ug/Kg	☼	76	67 - 120	5	30
2-Methylnaphthalene	ND		3860	2740		ug/Kg	☼	71	64 - 120	3	30
2-Methylphenol	ND		3860	2830		ug/Kg	☼	73	63 - 120	4	30
Methylphenol, 3 & 4	ND		3860	2860		ug/Kg	☼	74	61 - 120	2	30
Naphthalene	ND		3860	2940		ug/Kg	☼	76	63 - 120	4	30
2-Nitroaniline	ND		3860	3530		ug/Kg	☼	92	48 - 120	6	30
3-Nitroaniline	ND		3860	3610		ug/Kg	☼	94	39 - 122	7	30
4-Nitroaniline	ND		3860	3570		ug/Kg	☼	93	55 - 120	6	30
Nitrobenzene	ND		3860	3130		ug/Kg	☼	81	63 - 120	4	30
2-Nitrophenol	ND		3860	3670		ug/Kg	☼	95	64 - 120	9	30
4-Nitrophenol	ND		7720	7530		ug/Kg	☼	98	52 - 123	9	30
N-Nitrosodi-n-propylamine	ND		3860	2890		ug/Kg	☼	75	61 - 120	5	30
N-Nitrosodiphenylamine	ND		3860	3160		ug/Kg	☼	82	63 - 120	4	30
2,2'-oxybis[1-chloropropane]	ND		3860	2650		ug/Kg	☼	69	49 - 126	4	30
Pentachlorophenol	ND		7720	7270		ug/Kg	☼	94	37 - 126	5	30
Phenanthrene	ND		3860	3190		ug/Kg	☼	83	66 - 120	5	30
Phenol	ND		3860	2750		ug/Kg	☼	71	63 - 120	3	30
Pyrene	11	J	3860	3320		ug/Kg	☼	86	61 - 121	5	30
1,2,4,5-Tetrachlorobenzene	ND		3860	3180		ug/Kg	☼	83	60 - 120	4	30
2,3,4,6-Tetrachlorophenol	ND		3860	3620		ug/Kg	☼	94	54 - 120	5	30
2,4,5-Trichlorophenol	ND		3860	3390		ug/Kg	☼	88	59 - 120	4	30
2,4,6-Trichlorophenol	ND		3860	3510		ug/Kg	☼	91	58 - 120	5	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147957-10 MSD **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878839 **Prep Batch: 878611**

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl	79		22 - 122
2-Fluorophenol (Surr)	68		18 - 123
Nitrobenzene-d5 (Surr)	79		16 - 125
Phenol-d5 (Surr)	70		23 - 120
Terphenyl-d14 (Surr)	86		25 - 126
2,4,6-Tribromophenol (Surr)	101		10 - 123

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-418616/1-C **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 419183 **Prep Batch: 418616**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		11/18/22 10:19	11/29/22 02:19	1
PCB-1221	ND		17	5.9	ug/Kg		11/18/22 10:19	11/29/22 02:19	1
PCB-1232	ND		17	4.1	ug/Kg		11/18/22 10:19	11/29/22 02:19	1
PCB-1242	ND		17	2.4	ug/Kg		11/18/22 10:19	11/29/22 02:19	1
PCB-1248	ND		17	4.0	ug/Kg		11/18/22 10:19	11/29/22 02:19	1
PCB-1254	ND		17	5.0	ug/Kg		11/18/22 10:19	11/29/22 02:19	1
PCB-1260	ND		17	4.7	ug/Kg		11/18/22 10:19	11/29/22 02:19	1
PCB-1262	ND		17	5.9	ug/Kg		11/18/22 10:19	11/29/22 02:19	1
PCB-1268	ND		17	2.2	ug/Kg		11/18/22 10:19	11/29/22 02:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	98		63 - 138	11/18/22 10:19	11/29/22 02:19	1
DCB Decachlorobiphenyl (Surr)	99		63 - 138	11/18/22 10:19	11/29/22 02:19	1
Tetrachloro-m-xylene (Surr)	111		55 - 135	11/18/22 10:19	11/29/22 02:19	1
Tetrachloro-m-xylene (Surr)	109		55 - 135	11/18/22 10:19	11/29/22 02:19	1

Lab Sample ID: LCS 180-418616/2-C **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 419183 **Prep Batch: 418616**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1320		ug/Kg		99	43 - 136		
PCB-1260			1330	1050		ug/Kg		78	55 - 128		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	93		63 - 138
DCB Decachlorobiphenyl (Surr)	93		63 - 138
Tetrachloro-m-xylene (Surr)	109		55 - 135
Tetrachloro-m-xylene (Surr)	107		55 - 135

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-147957-10 MS — **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 419183 — **Prep Batch: 418616**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		1530	1270		ug/Kg	☼	83	43 - 136
PCB-1260	ND		1530	1010		ug/Kg	☼	66	55 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*79*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*79*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*91*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*

Lab Sample ID: 180-147957-10 MSD — **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 419183 — **Prep Batch: 418616**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1530	1120		ug/Kg	☼	73	43 - 136	13	40
PCB-1260	ND		1530	861		ug/Kg	☼	56	55 - 128	16	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*82*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*79*		*55 - 135*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-552309/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552490 — **Prep Batch: 552309**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.3	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Antimony	ND		2.0	0.36	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Arsenic	ND		1.5	0.32	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Barium	ND		20	0.36	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Beryllium	ND		0.50	0.054	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Cadmium	ND		0.50	0.048	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Calcium	ND		500	36	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Chromium	ND		1.0	0.34	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Cobalt	ND		1.0	0.20	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Copper	ND		2.5	0.24	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Iron	ND		20	6.9	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Lead	ND		1.0	0.28	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Magnesium	ND		500	46	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Manganese	ND		1.5	1.1	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Nickel	ND		4.0	0.23	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Potassium	ND		500	79	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Selenium	ND		2.0	0.47	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Silver	ND		1.0	0.081	mg/Kg		11/16/22 15:00	11/17/22 17:53	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-552309/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552309**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		500	63	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Thallium	ND		2.0	0.40	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Vanadium	ND		5.0	0.82	mg/Kg		11/16/22 15:00	11/17/22 17:53	1
Zinc	ND		5.0	1.4	mg/Kg		11/16/22 15:00	11/17/22 17:53	1

Lab Sample ID: LCS 240-552309/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552309**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	1000	885		mg/Kg		88	80 - 120
Antimony	100	94.6		mg/Kg		95	80 - 120
Arsenic	200	181		mg/Kg		91	80 - 120
Barium	200	170		mg/Kg		85	80 - 120
Beryllium	100	92.2		mg/Kg		92	80 - 120
Cadmium	100	89.9		mg/Kg		90	80 - 120
Calcium	5000	4450		mg/Kg		89	80 - 120
Chromium	100	87.3		mg/Kg		87	80 - 120
Cobalt	100	90.0		mg/Kg		90	80 - 120
Copper	100	84.6		mg/Kg		85	80 - 120
Iron	1000	884		mg/Kg		88	80 - 120
Lead	100	86.1		mg/Kg		86	80 - 120
Magnesium	5000	4430		mg/Kg		89	80 - 120
Manganese	100	87.7		mg/Kg		88	80 - 120
Nickel	100	90.7		mg/Kg		91	80 - 120
Potassium	5000	4450		mg/Kg		89	80 - 120
Selenium	200	180		mg/Kg		90	80 - 120
Silver	10.0	9.04		mg/Kg		90	80 - 120
Sodium	5000	4480		mg/Kg		90	80 - 120
Thallium	200	178		mg/Kg		89	80 - 120
Vanadium	100	89.8		mg/Kg		90	80 - 120
Zinc	100	91.8		mg/Kg		92	80 - 120

Lab Sample ID: 180-147957-10 MS **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552309**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8700		1050	11300	4	mg/Kg	☼	252	75 - 125
Antimony	ND	F1	105	38.7	F1	mg/Kg	☼	37	75 - 125
Arsenic	6.3		211	176		mg/Kg	☼	80	75 - 125
Barium	65		211	236		mg/Kg	☼	81	75 - 125
Beryllium	0.40	J	105	86.2		mg/Kg	☼	81	75 - 125
Cadmium	0.090	J	105	83.9		mg/Kg	☼	80	75 - 125
Calcium	8800	F1	5270	8080	F1	mg/Kg	☼	-14	75 - 125
Chromium	13		105	95.0		mg/Kg	☼	77	75 - 125
Cobalt	8.7		105	105		mg/Kg	☼	91	75 - 125
Copper	16		105	99.1		mg/Kg	☼	79	75 - 125
Iron	19000		1050	22200	4	mg/Kg	☼	317	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-147957-10 MS **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552309**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	15		105	95.1		mg/Kg	☼	76	75 - 125
Magnesium	3400		5270	7510		mg/Kg	☼	77	75 - 125
Manganese	450		105	580	4	mg/Kg	☼	125	75 - 125
Nickel	20		105	116		mg/Kg	☼	92	75 - 125
Potassium	690		5270	4940		mg/Kg	☼	81	75 - 125
Selenium	ND		211	166		mg/Kg	☼	79	75 - 125
Silver	ND		10.5	8.67		mg/Kg	☼	82	75 - 125
Sodium	ND		5270	4240		mg/Kg	☼	81	75 - 125
Thallium	ND		211	181		mg/Kg	☼	86	75 - 125
Vanadium	12		105	98.3		mg/Kg	☼	82	75 - 125
Zinc	62		105	169		mg/Kg	☼	101	75 - 125

Lab Sample ID: 180-147957-10 MSD **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552309**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	8700		1050	11900	4	mg/Kg	☼	302	75 - 125	5	20
Antimony	ND	F1	105	39.7	F1	mg/Kg	☼	38	75 - 125	2	20
Arsenic	6.3		211	178		mg/Kg	☼	81	75 - 125	1	20
Barium	65		211	241		mg/Kg	☼	84	75 - 125	2	20
Beryllium	0.40	J	105	87.3		mg/Kg	☼	82	75 - 125	1	20
Cadmium	0.090	J	105	84.4		mg/Kg	☼	80	75 - 125	1	20
Calcium	8800	F1	5270	7770	F1	mg/Kg	☼	-20	75 - 125	4	20
Chromium	13		105	96.1		mg/Kg	☼	78	75 - 125	1	20
Cobalt	8.7		105	107		mg/Kg	☼	93	75 - 125	2	20
Copper	16		105	101		mg/Kg	☼	81	75 - 125	2	20
Iron	19000		1050	23600	4	mg/Kg	☼	450	75 - 125	6	20
Lead	15		105	99.3		mg/Kg	☼	80	75 - 125	4	20
Magnesium	3400		5270	7720		mg/Kg	☼	81	75 - 125	3	20
Manganese	450		105	580	4	mg/Kg	☼	125	75 - 125	0	20
Nickel	20		105	119		mg/Kg	☼	95	75 - 125	3	20
Potassium	690		5270	5020		mg/Kg	☼	82	75 - 125	2	20
Selenium	ND		211	167		mg/Kg	☼	79	75 - 125	1	20
Silver	ND		10.5	8.77		mg/Kg	☼	83	75 - 125	1	20
Sodium	ND		5270	4280		mg/Kg	☼	81	75 - 125	1	20
Thallium	ND		211	184		mg/Kg	☼	87	75 - 125	2	20
Vanadium	12		105	99.6		mg/Kg	☼	83	75 - 125	1	20
Zinc	62		105	169		mg/Kg	☼	101	75 - 125	0	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-552312/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552532 **Prep Batch: 552312**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		11/16/22 15:00	11/17/22 10:30	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 240-552312/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552532 — **Prep Batch: 552312**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.833	0.789		mg/Kg		95	80 - 120		

Lab Sample ID: 180-147957-10 MS — **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552532 — **Prep Batch: 552312**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.031	J	0.187	0.210		mg/Kg	☼	96	80 - 120		

Lab Sample ID: 180-147957-10 MSD — **Client Sample ID: SSHS-IRM5A2-SCV6-0-0.5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552532 — **Prep Batch: 552312**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.031	J	0.187	0.209		mg/Kg	☼	95	80 - 120	0	20

Method: Moisture - Percent Moisture

Lab Sample ID: 180-147957-16 DU — **Client Sample ID: SSHS-IRM5A2-SCV-DUP9**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 878542

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	18.2			19.9		%				9	20
Percent Solids	81.8			80.1		%				2	20

GC/MS VOA

Prep Batch: 878578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	5035	
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	5035	
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	5035	
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	5035	
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	5035	
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	5035	
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	5035	
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	5035	
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	5035	
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	5035	
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	5035	
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	5035	
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	5035	
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	5035	
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	5035	
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	5035	
180-147957-17	BLANK TERRACORE 2 LOT 0110901H	Total/NA	Solid	5035	
180-147957-10 MS	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	5035	
180-147957-10 MSD	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	5035	

Analysis Batch: 879058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	8260D	878578
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	8260D	878578
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	8260D	878578
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	8260D	878578
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	8260D	878578
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	8260D	878578
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	8260D	878578
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	8260D	878578
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	8260D	878578
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	8260D	878578
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	8260D	878578
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	8260D	878578
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	8260D	878578
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	8260D	878578
180-147957-17	BLANK TERRACORE 2 LOT 0110901H	Total/NA	Solid	8260D	878578
MB 460-879058/11	Method Blank	Total/NA	Solid	8260D	
LCS 460-879058/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-879058/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
180-147957-10 MS	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	8260D	878578

Analysis Batch: 879240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	8260D	878578
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	8260D	878578
MB 460-879240/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-879240/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-879240/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
180-147957-10 MSD	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	8260D	878578

QC Association Summary

Client: Geosyntec Consultants, Inc.
Job ID: 180-147957-1
Project/Site: Former Sperry Remington-Soil Cover Verification

GC/MS Semi VOA

Prep Batch: 878611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	3546	
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	3546	
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	3546	
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	3546	
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	3546	
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	3546	
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	3546	
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	3546	
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	3546	
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3546	
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	3546	
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	3546	
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	3546	
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	3546	
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	3546	
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	3546	
MB 460-878611/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-878611/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-878611/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
180-147957-10 MS	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3546	
180-147957-10 MSD	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3546	

Analysis Batch: 878839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	8270E	878611
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	8270E	878611
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	8270E	878611
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	8270E	878611
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	8270E	878611
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	8270E	878611
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	8270E	878611
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	8270E	878611
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	8270E	878611
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	8270E	878611
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	8270E	878611
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	8270E	878611
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	8270E	878611
MB 460-878611/1-A	Method Blank	Total/NA	Solid	8270E	878611
LCS 460-878611/2-A	Lab Control Sample	Total/NA	Solid	8270E	878611
LCSD 460-878611/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	878611
180-147957-10 MS	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	8270E	878611
180-147957-10 MSD	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	8270E	878611

Analysis Batch: 878936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	8270E	878611
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	8270E	878611
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	8270E	878611

GC Semi VOA

Prep Batch: 418616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	3541	
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	3541	
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	3541	
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	3541	
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	3541	
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	3541	
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	3541	
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	3541	
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	3541	
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3541	
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	3541	
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	3541	
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	3541	
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	3541	
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	3541	
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	3541	
MB 180-418616/1-C	Method Blank	Total/NA	Solid	3541	
LCS 180-418616/2-C	Lab Control Sample	Total/NA	Solid	3541	
180-147957-10 MS	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3541	
180-147957-10 MSD	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3541	

Cleanup Batch: 418707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	3665A	418616
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	3665A	418616
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	3665A	418616
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	3665A	418616
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	3665A	418616
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	3665A	418616
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	3665A	418616
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	3665A	418616
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	3665A	418616
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3665A	418616
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	3665A	418616
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	3665A	418616
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	3665A	418616
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	3665A	418616
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	3665A	418616
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	3665A	418616
MB 180-418616/1-C	Method Blank	Total/NA	Solid	3665A	418616
LCS 180-418616/2-C	Lab Control Sample	Total/NA	Solid	3665A	418616
180-147957-10 MS	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3665A	418616
180-147957-10 MSD	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3665A	418616

Cleanup Batch: 418708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	3660B	418707
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	3660B	418707
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	3660B	418707
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	3660B	418707
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	3660B	418707

GC Semi VOA (Continued)

Cleanup Batch: 418708 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	3660B	418707
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	3660B	418707
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	3660B	418707
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	3660B	418707
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3660B	418707
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	3660B	418707
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	3660B	418707
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	3660B	418707
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	3660B	418707
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	3660B	418707
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	3660B	418707
MB 180-418616/1-C	Method Blank	Total/NA	Solid	3660B	418707
LCS 180-418616/2-C	Lab Control Sample	Total/NA	Solid	3660B	418707
180-147957-10 MS	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3660B	418707
180-147957-10 MSD	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3660B	418707

Analysis Batch: 419183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	EPA 8082A	418708
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	EPA 8082A	418708
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	EPA 8082A	418708
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	EPA 8082A	418708
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	EPA 8082A	418708
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	EPA 8082A	418708
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	EPA 8082A	418708
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	EPA 8082A	418708
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	EPA 8082A	418708
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	EPA 8082A	418708
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	EPA 8082A	418708
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	EPA 8082A	418708
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	EPA 8082A	418708
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	EPA 8082A	418708
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	EPA 8082A	418708
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	EPA 8082A	418708
MB 180-418616/1-C	Method Blank	Total/NA	Solid	EPA 8082A	418708
LCS 180-418616/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	418708
180-147957-10 MS	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	EPA 8082A	418708
180-147957-10 MSD	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	EPA 8082A	418708

Metals

Prep Batch: 552309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	3050B	
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	3050B	
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	3050B	
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	3050B	
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	3050B	
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	3050B	
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	3050B	
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 552309 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	3050B	
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3050B	
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	3050B	
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	3050B	
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	3050B	
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	3050B	
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	3050B	
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	3050B	
MB 240-552309/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-552309/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-147957-10 MS	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3050B	
180-147957-10 MSD	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	3050B	

Prep Batch: 552312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	7471B	
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	7471B	
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	7471B	
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	7471B	
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	7471B	
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	7471B	
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	7471B	
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	7471B	
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	7471B	
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	7471B	
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	7471B	
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	7471B	
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	7471B	
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	7471B	
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	7471B	
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	7471B	
MB 240-552312/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-552312/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-147957-10 MS	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	7471B	
180-147957-10 MSD	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	7471B	

Analysis Batch: 552490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	6010D	552309
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	6010D	552309
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	6010D	552309
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	6010D	552309
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	6010D	552309
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	6010D	552309
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	6010D	552309
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	6010D	552309
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	6010D	552309
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	6010D	552309
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	6010D	552309
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	6010D	552309
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	6010D	552309

Metals (Continued)

Analysis Batch: 552490 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	6010D	552309
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	6010D	552309
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	6010D	552309
MB 240-552309/1-A	Method Blank	Total/NA	Solid	6010D	552309
LCS 240-552309/2-A	Lab Control Sample	Total/NA	Solid	6010D	552309
180-147957-10 MS	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	6010D	552309
180-147957-10 MSD	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	6010D	552309

Analysis Batch: 552532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	7471B	552312
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	7471B	552312
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	7471B	552312
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	7471B	552312
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	7471B	552312
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	7471B	552312
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	7471B	552312
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	7471B	552312
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	7471B	552312
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	7471B	552312
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	7471B	552312
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	7471B	552312
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	7471B	552312
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	7471B	552312
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	7471B	552312
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	7471B	552312
MB 240-552312/1-A	Method Blank	Total/NA	Solid	7471B	552312
LCS 240-552312/2-A	Lab Control Sample	Total/NA	Solid	7471B	552312
180-147957-10 MS	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	7471B	552312
180-147957-10 MSD	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	7471B	552312

General Chemistry

Analysis Batch: 878542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-1	SSHS-IRM5A2-SCV11-0.5-1	Total/NA	Solid	Moisture	
180-147957-2	SSHS-IRM5A2-SCV10-0-0.5	Total/NA	Solid	Moisture	
180-147957-3	SSHS-IRM5A2-SCV10-0.5-1	Total/NA	Solid	Moisture	
180-147957-4	SSHS-IRM5A2-SCV9-0.5-1	Total/NA	Solid	Moisture	
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	Moisture	
180-147957-6	SSHS-IRM5A2-SCV8-0.5-1	Total/NA	Solid	Moisture	
180-147957-7	SSHS-IRM5A2-SCV-DUP8	Total/NA	Solid	Moisture	
180-147957-8	SSHS-IRM5A2-SCV7-0-0.5	Total/NA	Solid	Moisture	
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	Moisture	
180-147957-10	SSHS-IRM5A2-SCV6-0-0.5	Total/NA	Solid	Moisture	
180-147957-11	SSHS-IRM5A2-SCV5-0-0.5	Total/NA	Solid	Moisture	
180-147957-12	SSHS-IRM5A2-SCV4-0-0.5	Total/NA	Solid	Moisture	
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	Moisture	
180-147957-14	SSHS-IRM5A2-SCV2-0-0.5	Total/NA	Solid	Moisture	
180-147957-15	SSHS-IRM5A2-SCV1-0-0.5	Total/NA	Solid	Moisture	
180-147957-16	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 878542 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-16 DU	SSHS-IRM5A2-SCV-DUP9	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s)	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV11-0.5-1	11/15/22	1430	G	S	N	N	X	X	X	X	X	X								9	containers for PFAS not received for SCV11-0.5-1. PFAS cancelled as discussed with Miranda Stelmach. D. Dunlap 11/22/22
SSHS-IRM5A2-SCV10-0-0.5	11/15/22	1435	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV10-0.5-1	11/15/22	1440	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV9-0.5-1	11/15/22	1445	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV8-0-0.5	11/15/22	1450	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV8-0.5-1	11/15/22	1455	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP8	11/15/22	--	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV7-0-0.5	11/15/22	1500	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV7-0.5-1	11/15/22	1505	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV6-0-0.5	11/15/22	1510	G	S	N	N	X	X	X	X										7	MS/MSD collected at SCV6-0-0.5 as discussed with Miranda Stelmach D. Dunlap 11/16/22
SSHS-IRM5A2-SCV5-0-0.5	11/15/22	1515	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV4-0-0.5	11/15/22	1520	G	S	N	N	X	X	X	X										7	

180-147957 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Miranda Stelmach	11/15/22/1700	Company: Geosyntec		11/16/22 0900	B. Pitt
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656 1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV3-0-0.5	11/15/22	1525	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV2-0-0.5	11/15/22	1530	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV1-0-0.5	11/15/22	1535	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP9	11/15/22	–	G	S	N	N	X	X	X	X			7	
BLANK TERRACORE 2 LOT0110901H	11/15/22	–	G	S	N	N			X				4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Miranda Lee	Date/Time: 11/15/22/1700	Company: Geosyntec	Received by: [signature]	Date/Time: 11/16/22 0900	Company: Pitt
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.. | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N									
SSHS-IRM5A2-SCV11-0.5-1	11/15/22	1430	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV10-0-0.5	11/15/22	1435	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV10-0.5-1	11/15/22	1440	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV9-0.5-1	11/15/22	1445	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV8-0-0.5	11/15/22	1450	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV8-0.5-1	11/15/22	1455	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP8	11/15/22	--	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV7-0-0.5	11/15/22	1500	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV7-0.5-1	11/15/22	1505	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV6-0-0.5	11/15/22	1510	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV5-0-0.5	11/15/22	1515	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV4-0-0.5	11/15/22	1520	G	S	N	N	X	X	X	X										7	

180-147957 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
[signature]	11/15/22/1700	Geosyntec	[signature]	11-16-22 945	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV3-0-0.5	11/15/22	1525	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV2-0-0.5	11/15/22	1530	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV1-0-0.5	11/15/22	1535	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP9	11/15/22	--	G	S	N	N	X	X	X	X			7	
BLANK TERRACORE 2 LOT0110901H	11/15/22	--	G	S	N	N			X				4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Miranda Stiller	11/15/22 17:00	Geosyntec	Adam Gamot	11-16-22 9:45	EEINC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Page 122 of 131

12/2/2022

Ver: 01/16/2019

Eurofins - Canton Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client Geosyntec Site Name _____ Cooler unpacked by: Adam Gourley
Cooler Received on 11-16-22 Opened on 11-16-22
FedEx: 1st Grd (Exp) UPS FAS Clipper Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____
Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. 3.9 °C Corrected Cooler Temp. 3.6 °C
IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC286797
14. Were VOAs on the COC?	Yes	No
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____
_____
_____
_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Mr. Aron Krasnopoler	M Stelmach	Dunlap, David A		180-45857-9656.1
Company: Geosyntec Consultants, Inc.	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			Job #:
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044	PO #: MN0832I			
Phone: 40-381-4333	WO #:			
Email: akrasnopoler@geosyntec.com	Project #: 18013464			
Project Name: Former Sperry Remington Site	SSOW#:			
Site:				

Analysis Requested

180-147957 Chain of Custody

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV11-0.5-1	11/15/22	1430	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV10-0-0.5	11/15/22	1435	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV10-0.5-1	11/15/22	1440	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV9-0.5-1	11/15/22	1445	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV8-0-0.5	11/15/22	1450	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV8-0.5-1	11/15/22	1455	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP8	11/15/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV7-0-0.5	11/15/22	1500	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV7-0.5-1	11/15/22	1505	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV6-0-0.5	11/15/22	1510	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV5-0-0.5	11/15/22	1515	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV4-0-0.5	11/15/22	1520	G	S	N	N	X	X	X	X			7	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Mrunalini Adhar	Date/Time: 11/15/22 1700	Company: Geosyntec	Received by:	Date/Time: 11/16/22 905	Company: FEDEX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.2

• NOA Received in Sac SO 11-16-22 (5) Client label time 1455 bottle time 1450 SO 11-16-22

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV3-0-0.5	11/15/22	1525	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV2-0-0.5	11/15/22	1530	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV1-0-0.5	11/15/22	1535	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP9	11/15/22	--	G	S	N	N	X	X	X	X										7	
BLANK TERRACORE 2 LOT0110901H	11/15/22	--	G	S	N	N			X											4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	11/15/22/1700	Geosyntec	[signature]	11/16/22 905	EET Sac
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4.2

180-147957

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

eurofins Environment Testing TestAmerica

Documentation

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	637.1 (mod.) - SPLP-E, PFAS	Total Number of containers
			Preservation Code:				N	N	N	N	N	N	
SSHS-IRM5A2-SCV11-0.5-1	11/15/22	1430	G	S	N	N	X	X	X	X	X	X	9
SSHS-IRM5A2-SCV10-0-0.5	11/15/22	1435	G	S	N	N	X	X	X	X			7
SSHS-IRM5A2-SCV10-0.5-1	11/15/22	1440	G	S	N	N	X	X	X	X			7
SSHS-IRM5A2-SCV9-0.5-1	11/15/22	1445	G	S	N	N	X	X	X	X			7
SSHS-IRM5A2-SCV8-0-0.5	11/15/22	1450	G	S	N	N	X	X	X	X	X	X	9
SSHS-IRM5A2-SCV8-0.5-1	11/15/22	1455	G	S	N	N	X	X	X	X			7
SSHS-IRM5A2-SCV-DUP8	11/15/22	--	G	S	N	N	X	X	X	X			7
SSHS-IRM5A2-SCV7-0-0.5	11/15/22	1500	G	S	N	N	X	X	X	X			7
SSHS-IRM5A2-SCV7-0.5-1	11/15/22	1505	G	S	N	N	X	X	X	X	X	X	9
SSHS-IRM5A2-SCV6-0-0.5	11/15/22	1510	G	S	N	N	X	X	X	X			7
SSHS-IRM5A2-SCV5-0-0.5	11/15/22	1515	G	S	N	N	X	X	X	X			7
SSHS-IRM5A2-SCV4-0-0.5	11/15/22	1520	G	S	N	N	X	X	X	X			7

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☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Miranda Stelmach	Date/Time: 11/15/22 1700	Company: Geosyntec	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

12/2/2022

180-147957 Chain of Custody

Ver: 01/16/2019

180-147951

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301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV3-0-0.5	11/15/22	1525	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV2-0-0.5	11/15/22	1530	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV1-0-0.5	11/15/22	1535	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP9	11/15/22	--	G	S	N	N	X	X	X	X										7	
BLANK TERRACORE 2 LOT0110901H	11/15/22	--	G	S	N	N			X											4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Miranda Olson	11/15/22 1700	Company: Geosyntec			
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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12/2/2022

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 180-147957

Number of Coolers: 4 **IR Gun #** 9

Cooler Temperatures

	RAW	CORRECTED
Cooler #1:	3.4 °C	3.6 °C
Cooler #2:	1.4 °C	1.4 °C
Cooler #3:	0.4 °C	0.6 °C
Cooler #4:	0.9 °C	0.9 °C
Cooler #5:	°C	°C
Cooler #6:	°C	°C
Cooler #7:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4, 06/09/2014

Initials: [illegible] **Date:** 11/16/22

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Sacramento Sample Receiving Notes



Job:____

Tracking # : 1Z0 7387 8744

SO / ~~PO~~ / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other_____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: L03 Corr. Factor: (+ / -) _____°C

Ice_____ Wet_____ Gel _____ Other _____

Cooler Custody Seal: _____

Cooler ID: _____

Temp Observed: 4.2 °C Corrected: 4.2 °C

From: Temp Blank ☐ Sample ☑

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 11/16/22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☐	☑	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SO Date: 11-16-22

Notes:_____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☐
Log Release checked in TALS?	☐	☐	☑

Initials: SO Date: 11-16-22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147957-1

Login Number: 147957
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147957-1

Login Number: 147957
List Number: 2
Creator: Sgro, Angela M

List Source: Eurofins Edison
List Creation: 11/16/22 07:43 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.6/3.6; 1.4/1.4; 0.9/0.9; 0.9/0.9 IR 9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 12/2/2022 5:46:52 PM

JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-147957-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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12/2/2022 5:46:52 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Method Summary 8
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Case Narrative

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Job ID: 180-147957-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-147957-2

Comments
Notation was made to the coc regarding containers for PFAS for sample SSHS-IRM5A2-SCV11-0.5-1 (180-147957-1) not being received at the Sacramento laboratory and therefore the PFAS analysis was cancelled; and additional volume for MS/MSD on sample SSHS-IRM5A2-SCV6-0-0.5 (180-147957-10) received but not listed on the coc.

Receipt
The samples were received on 11/16/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 0.6º C, 0.9º C, 0.9º C, 1.4º C, 3.6º C, 3.7º C and 4.2º C.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-31-23
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-30-23
Hawaii	State	<cert No.>	01-29-23
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	01-31-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-23
Ohio	State	41252	01-29-23
Oregon	NELAP	4040	01-29-23
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	01-23-23
Utah	NELAP	CA000442021-12	02-28-23
Virginia	NELAP	460278	03-14-23
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-13-22
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants, Inc.
Project/Site: Former Sperry Remington-Soil Cover Verification

Job ID: 180-147957-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Solid	11/15/22 14:50	11/16/22 09:00
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Solid	11/15/22 15:05	11/16/22 09:00
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Solid	11/15/22 15:25	11/16/22 09:00

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV8-0-0.5 Lab Sample ID: 180-147957-5

Date Collected: 11/15/22 14:50 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.14 g	10.0 mL	634634	11/21/22 19:10	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	635242	11/24/22 11:30	S1M	EET SAC
	Instrument ID: A18									

Client Sample ID: SSHS-IRM5A2-SCV7-0.5-1 Lab Sample ID: 180-147957-9

Date Collected: 11/15/22 15:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 86.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.17 g	10.0 mL	634634	11/21/22 19:10	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	635242	11/24/22 11:41	S1M	EET SAC
	Instrument ID: A18									

Client Sample ID: SSHS-IRM5A2-SCV3-0-0.5 Lab Sample ID: 180-147957-13

Date Collected: 11/15/22 15:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 88.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.42 g	10.0 mL	634634	11/21/22 19:10	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	635242	11/24/22 11:51	S1M	EET SAC
	Instrument ID: A18									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Prep

AM = Andrew Martin

Batch Type: Analysis

S1M = Sudarat Mongkol

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV8-0-0.5 **Lab Sample ID: 180-147957-5**
Date Collected: 11/15/22 14:50 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.4**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.24**		0.22	0.051	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluoropentanoic acid (PFPeA)	**0.077**	**J**	0.22	0.046	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluorohexanoic acid (PFHxA)	**0.073**	**J**	0.22	0.034	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluoroheptanoic acid (PFHpA)	**0.096**	**J**	0.22	0.042	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluorooctanoic acid (PFOA)	**0.23**		0.22	0.059	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluorononanoic acid (PFNA)	**0.12**	**J**	0.22	0.024	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluorodecanoic acid (PFDA)	ND		0.22	0.053	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluoroundecanoic acid (PFUnA)	ND		0.22	0.047	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluorododecanoic acid (PFDoA)	ND		0.22	0.033	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluorotridecanoic acid (PFTriA)	ND		0.22	0.023	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.042	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.055	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluorooctanesulfonic acid (PFOS)	**0.34**		0.22	0.048	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.058	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.037	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.026	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.053	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
6:2 FTS	ND		0.22	0.030	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1
8:2 FTS	ND		0.22	0.039	ug/Kg	☼	11/21/22 19:10	11/24/22 11:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*57*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
13C5 PFPeA	*65*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
13C2 PFHxA	*70*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
13C4 PFHpA	*69*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
13C4 PFOA	*72*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
13C5 PFNA	*85*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
13C2 PFDA	*82*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
13C2 PFUnA	*74*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
13C2 PFDoA	*70*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
13C2 PFTeDA	*75*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
13C3 PFBS	*66*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
18O2 PFHxS	*74*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
13C4 PFOS	*82*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
13C8 FOSA	*83*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
d3-NMeFOSAA	*60*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
d5-NEtFOSAA	*64*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
M2-6:2 FTS	*78*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*
M2-8:2 FTS	*89*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:30*	*1*

Client Sample ID: SSHS-IRM5A2-SCV7-0.5-1 Lab Sample ID: 180-147957-9

Date Collected: 11/15/22 15:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 86.0**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.16**	**J**	0.22	0.052	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluoropentanoic acid (PFPeA)	**0.076**	**J**	0.22	0.046	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluorohexanoic acid (PFHxA)	**0.056**	**J**	0.22	0.035	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluoroheptanoic acid (PFHpA)	ND		0.22	0.043	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluorooctanoic acid (PFOA)	**0.20**	**J**	0.22	0.060	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluorononanoic acid (PFNA)	**0.036**	**J**	0.22	0.025	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluorodecanoic acid (PFDA)	ND		0.22	0.054	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluoroundecanoic acid (PFUnA)	ND		0.22	0.047	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluorododecanoic acid (PFDoA)	ND		0.22	0.034	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluorotridecanoic acid (PFTriA)	ND		0.22	0.024	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.042	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.043	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluorohexanesulfonic acid (PFHxS)	**0.043**	**J**	0.22	0.033	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.055	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluorooctanesulfonic acid (PFOS)	**0.50**		0.22	0.048	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.058	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.037	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.026	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.054	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
6:2 FTS	ND		0.22	0.030	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1
8:2 FTS	ND		0.22	0.039	ug/Kg	☼	11/21/22 19:10	11/24/22 11:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*45*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
13C5 PFPeA	*68*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
13C2 PFHxA	*76*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
13C4 PFHpA	*78*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
13C4 PFOA	*76*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
13C5 PFNA	*93*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
13C2 PFDA	*87*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
13C2 PFUnA	*78*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
13C2 PFDoA	*77*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
13C2 PFTeDA	*80*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
13C3 PFBS	*72*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
18O2 PFHxS	*73*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
13C4 PFOS	*80*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
13C8 FOSA	*85*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
d3-NMeFOSAA	*59*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
d5-NEtFOSAA	*64*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
M2-6:2 FTS	*70*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*
M2-8:2 FTS	*84*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:41*	*1*

Client: Geosyntec Consultants, Inc.
Job ID: 180-147957-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV3-0-0.5
Lab Sample ID: 180-147957-13
Date Collected: 11/15/22 15:25
Matrix: Solid
Date Received: 11/16/22 09:00
Percent Solids: 88.4

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.066**	**J**	0.21	0.048	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluoropentanoic acid (PFPeA)	ND		0.21	0.043	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluorohexanoic acid (PFHxA)	ND		0.21	0.032	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluoroheptanoic acid (PFHpA)	**0.041**	**J**	0.21	0.040	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluorooctanoic acid (PFOA)	**0.10**	**J**	0.21	0.055	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluorononanoic acid (PFNA)	**0.032**	**J**	0.21	0.023	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluorodecanoic acid (PFDA)	ND		0.21	0.050	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluoroundecanoic acid (PFUnA)	ND		0.21	0.044	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluorododecanoic acid (PFDoA)	ND		0.21	0.031	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluorotridecanoic acid (PFTriA)	ND		0.21	0.022	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.039	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.040	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.030	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.051	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluorooctanesulfonic acid (PFOS)	**0.21**		0.21	0.045	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.054	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.034	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.024	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.050	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
6:2 FTS	ND		0.21	0.028	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1
8:2 FTS	ND		0.21	0.037	ug/Kg	☼	11/21/22 19:10	11/24/22 11:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*57*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
13C5 PFPeA	*67*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
13C2 PFHxA	*75*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
13C4 PFHpA	*73*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
13C4 PFOA	*77*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
13C5 PFNA	*88*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
13C2 PFDA	*85*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
13C2 PFUnA	*77*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
13C2 PFDoA	*75*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
13C2 PFTeDA	*76*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
13C3 PFBS	*67*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
18O2 PFHxS	*70*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
13C4 PFOS	*78*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
13C8 FOSA	*80*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
d3-NMeFOSAA	*57*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
d5-NEtFOSAA	*64*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
M2-6:2 FTS	*76*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*
M2-8:2 FTS	*74*		*25 - 150*	*11/21/22 19:10*	*11/24/22 11:51*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-634634/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 634736 **Prep Batch: 634634**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
6:2 FTS	ND		0.20	0.027	ug/Kg		11/21/22 19:10	11/22/22 10:06	1
8:2 FTS	ND		0.20	0.035	ug/Kg		11/21/22 19:10	11/22/22 10:06	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*64*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C5 PFPeA	*84*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C2 PFHxA	*91*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C4 PFHpA	*86*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C4 PFOA	*86*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C5 PFNA	*96*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C2 PFDA	*86*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C2 PFUnA	*89*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C2 PFDoA	*90*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C2 PFTeDA	*93*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C3 PFBS	*89*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
18O2 PFHxS	*88*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C4 PFOS	*90*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
13C8 FOSA	*97*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
d3-NMeFOSAA	*69*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
d5-NEtFOSAA	*75*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
M2-6:2 FTS	*77*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*
M2-8:2 FTS	*85*		*25 - 150*	*11/21/22 19:10*	*11/22/22 10:06*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-634634/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 634736 **Prep Batch: 634634**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	2.28		ug/Kg		114	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	2.07		ug/Kg		103	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	1.89		ug/Kg		95	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.23		ug/Kg		111	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.28		ug/Kg		114	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.07		ug/Kg		104	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	2.13		ug/Kg		107	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.01		ug/Kg		100	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.13		ug/Kg		106	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	2.15		ug/Kg		108	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.05		ug/Kg		102	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.76		ug/Kg		99	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.81		ug/Kg		99	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.66		ug/Kg		87	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	1.71		ug/Kg		92	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	1.90		ug/Kg		98	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.03		ug/Kg		101	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.11		ug/Kg		106	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.10		ug/Kg		105	72 - 132
6:2 FTS	1.90	1.96		ug/Kg		103	73 - 139
8:2 FTS	1.92	1.97		ug/Kg		103	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*56*		*25 - 150*
13C5 PFPeA	*77*		*25 - 150*
13C2 PFHxA	*81*		*25 - 150*
13C4 PFHpA	*77*		*25 - 150*
13C4 PFOA	*78*		*25 - 150*
13C5 PFNA	*85*		*25 - 150*
13C2 PFDA	*80*		*25 - 150*
13C2 PFUnA	*86*		*25 - 150*
13C2 PFDoA	*84*		*25 - 150*
13C2 PFTeDA	*83*		*25 - 150*
13C3 PFBS	*83*		*25 - 150*
18O2 PFHxS	*80*		*25 - 150*
13C4 PFOS	*92*		*25 - 150*
13C8 FOSA	*88*		*25 - 150*
d3-NMeFOSAA	*62*		*25 - 150*
d5-NEtFOSAA	*69*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-634634/2-A
Matrix: Solid
Analysis Batch: 634736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634634

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	64		25 - 150
M2-8:2 FTS	75		25 - 150

QC Association Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147957-2
Project/Site: Former Sperry Remington-Soil Cover Verification

LCMS

Prep Batch: 634634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	SHAKE	
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	SHAKE	
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	SHAKE	
MB 320-634634/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-634634/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 634736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-634634/1-A	Method Blank	Total/NA	Solid	537 (modified)	634634
LCS 320-634634/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	634634

Analysis Batch: 635242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147957-5	SSHS-IRM5A2-SCV8-0-0.5	Total/NA	Solid	537 (modified)	634634
180-147957-9	SSHS-IRM5A2-SCV7-0.5-1	Total/NA	Solid	537 (modified)	634634
180-147957-13	SSHS-IRM5A2-SCV3-0-0.5	Total/NA	Solid	537 (modified)	634634

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s)	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV11-0.5-1	11/15/22	1430	G	S	N	N	X	X	X	X	X	X								9	containers for PFAS not received for SCV11-0.5-1. PFAS cancelled as discussed with Miranda Stelmach. D. Dunlap 11/22/22
SSHS-IRM5A2-SCV10-0-0.5	11/15/22	1435	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV10-0.5-1	11/15/22	1440	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV9-0.5-1	11/15/22	1445	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV8-0-0.5	11/15/22	1450	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV8-0.5-1	11/15/22	1455	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP8	11/15/22	--	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV7-0-0.5	11/15/22	1500	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV7-0.5-1	11/15/22	1505	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV6-0-0.5	11/15/22	1510	G	S	N	N	X	X	X	X										7	MS/MSD collected at SCV6-0-0.5 as discussed with Miranda Stelmach D. Dunlap 11/16/22
SSHS-IRM5A2-SCV5-0-0.5	11/15/22	1515	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV4-0-0.5	11/15/22	1520	G	S	N	N	X	X	X	X										7	

180-147957 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Miranda Stelmach	11/15/22/1700	Company: Geosyntec		11/16/22 0900	B. Pitt
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s).	COC No. 180-45857-9656 1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV3-0-0.5	11/15/22	1525	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV2-0-0.5	11/15/22	1530	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV1-0-0.5	11/15/22	1535	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP9	11/15/22	–	G	S	N	N	X	X	X	X			7	
BLANK TERRACORE 2 LOT0110901H	11/15/22	–	G	S	N	N			X				4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	11/15/22/1700	Geosyntec	[signature]	11/16/22 0900	TestAmerica Pittsburgh
2						
3						

Custody Seals Intact:	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:
Δ Yes Δ No		

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV11-0.5-1	11/15/22	1430	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV10-0-0.5	11/15/22	1435	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV10-0.5-1	11/15/22	1440	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV9-0.5-1	11/15/22	1445	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV8-0-0.5	11/15/22	1450	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV8-0.5-1	11/15/22	1455	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP8	11/15/22	--	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV7-0-0.5	11/15/22	1500	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV7-0.5-1	11/15/22	1505	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV6-0-0.5	11/15/22	1510	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV5-0-0.5	11/15/22	1515	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV4-0-0.5	11/15/22	1520	G	S	N	N	X	X	X	X										7	

180-147957 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
[signature]	11/15/22/1700	Geosyntec	[signature]	11-16-22 945	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

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Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

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Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV3-0-0.5	11/15/22	1525	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV2-0-0.5	11/15/22	1530	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV1-0-0.5	11/15/22	1535	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP9	11/15/22	--	G	S	N	N	X	X	X	X										7	
BLANK TERRACORE 2 LOT0110901H	11/15/22	--	G	S	N	N			X											4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Miranda Stiller	11/15/22 17:00	Geosyntec	Adam Gamot	11-16-22 9:45	EEINC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins - Canton Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client Geosyntec Site Name _____ Cooler unpacked by: Adam Gourley
Cooler Received on 11-16-22 Opened on 11-16-22
FedEx: 1st Grd (Exp) UPS FAS Clipper Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____
Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. 3.9 °C Corrected Cooler Temp. 3.6 °C
IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC286797
14. Were VOAs on the COC?	Yes	No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____
_____
_____
_____

19. SAMPLE CONDITION
Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION
Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

180-147957 Chain of Custody

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV11-0.5-1	11/15/22	1430	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV10-0-0.5	11/15/22	1435	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV10-0.5-1	11/15/22	1440	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV9-0.5-1	11/15/22	1445	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV8-0-0.5	11/15/22	1450	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV8-0.5-1	11/15/22	1455	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP8	11/15/22	--	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV7-0-0.5	11/15/22	1500	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV7-0.5-1	11/15/22	1505	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV6-0-0.5	11/15/22	1510	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV5-0-0.5	11/15/22	1515	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV4-0-0.5	11/15/22	1520	G	S	N	N	X	X	X	X										7	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: -	Date:	Time:	Method of Shipment:
Relinquished by: [signature]	Date/Time: 11/15/22 1700	Company: Geosyntec	Received by: [signature] Date/Time: 11/16/22 905 Company: FEDEX
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4.2

• NOA Received in SAC 50 11-16-22 (5) Client label time 1456 bottle time 1450 SOU 11-16-22

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV3-0-0.5	11/15/22	1525	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV2-0-0.5	11/15/22	1530	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV1-0-0.5	11/15/22	1535	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP9	11/15/22	--	G	S	N	N	X	X	X	X			7	
BLANK TERRACORE 2 LOT0110901H	11/15/22	--	G	S	N	N			X				4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	11/15/22/1700	Geosyntec	[signature]	11/16/22 905	EBT Sac
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4.2

180-147957

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

eurofins Environment Testing TestAmerica

Documentation

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	637.1 (mod.) - SPLP-E, PFAS	Total Number of containers
			Preservation Code:				N	N	N	N	N	N	
SSHS-IRM5A2-SCV11-0.5-1	11/15/22	1430	G	S	N	N	X	X	X	X	X	X	9
SSHS-IRM5A2-SCV10-0-0.5	11/15/22	1435	G	S	N	N	X	X	X	X			7
SSHS-IRM5A2-SCV10-0.5-1	11/15/22	1440	G	S	N	N	X	X	X	X			7
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SSHS-IRM5A2-SCV8-0.5-1	11/15/22	1455	G	S	N	N	X	X	X	X			7
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SSHS-IRM5A2-SCV7-0.5-1	11/15/22	1505	G	S	N	N	X	X	X	X	X	X	9
SSHS-IRM5A2-SCV6-0-0.5	11/15/22	1510	G	S	N	N	X	X	X	X			7
SSHS-IRM5A2-SCV5-0-0.5	11/15/22	1515	G	S	N	N	X	X	X	X			7
SSHS-IRM5A2-SCV4-0-0.5	11/15/22	1520	G	S	N	N	X	X	X	X			7

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by: Miranda Stelmach	Date/Time: 11/15/22 1700	Company: Geosyntec	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

180-147957 Chain of Custody

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12/2/2022

180-147951

eurofins

Environment Testing
TestAmerica

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV3-0-0.5	11/15/22	1525	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV2-0-0.5	11/15/22	1530	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV1-0-0.5	11/15/22	1535	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP9	11/15/22	--	G	S	N	N	X	X	X	X										7	
BLANK TERRACORE 2 LOT0110901H	11/15/22	--	G	S	N	N			X											4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	11/15/22 1700	Company: Geosyntec			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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12/2/2022

14 13 12 11 10 9 8 7 6 5 4 3 2 1

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 180-147957

Number of Coolers: 4 **IR Gun #** 9

Cooler Temperatures

	RAW	CORRECTED
Cooler #1:	3.4 °C	3.6 °C
Cooler #2:	1.4 °C	1.4 °C
Cooler #3:	0.4 °C	0.6 °C
Cooler #4:	0.9 °C	0.9 °C
Cooler #5:	°C	°C
Cooler #6:	°C	°C
Cooler #7:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ **Date:** 11/16/22

eurofins | Environment Testing America

Sacramento Sample Receiving Notes



Job:____

Tracking # : 1Z0 7387 8744

SO / ~~PO~~ / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other_____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: L03 Corr. Factor: (+ / -) _____ °C

Ice ✓ Wet_____ Gel _____ Other _____

Cooler Custody Seal: ✓

Cooler ID: ✓

Temp Observed: 4.2 °C Corrected: 4.2 °C

From: Temp Blank ☐ Sample ☑

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 11/16/22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☐	☑	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SO Date: 11-16-22

Notes:_____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☐
Log Release checked in TALS?	☐	☐	☑

Initials: SO Date: 11-16-22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147957-2

Login Number: 147957
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147957-2

Login Number: 147957
List Number: 3
Creator: Oropeza, Salvador

List Source: Eurofins Sacramento
List Creation: 11/16/22 07:21 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.2C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 12/6/2022 12:13:46 PM

JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-148504-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
David Dunlap, Senior Project Manager
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Job ID: 180-148504-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-148504-1

Receipt
The samples were received on 11/30/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 2.3º C, 2.6º C, 3.1º C, 3.6º C and 4.1º C.

GC/MS VOA
Method 8260D: The recovery of surrogate Toluene-d8 for the following sample was below the control limits: SSHS-IRM5A2-SCV25A-0.5-1 (180-148504-2). The laboratory's SOP allows one of the four surrogates to be outside acceptance criteria without performing re-analysis.

Method 8260D: The recovery of surrogate Dibromofluoromethane for the following sample was above the control limits: SSHS-IRM5A2-SCV-DUP12 (180-148504-5). The laboratory's SOP allows one of the four surrogates to be outside acceptance criteria without performing re-analysis.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-880785 was above criteria for the following analyte: Chlorobromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-880785 was below criteria for the following analytes: Chloromethane, Methyl acetate, and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-880678 was below criteria for the following analyte: Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-880678 was above criteria for the following analytes: 2,4-Dinitrophenol, 2-Nitrophenol, 4,6-Dinitro-2-methylphenol, Butyl benzyl phthalate, and Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8082A: The continuing calibration verification (CCV) analyzed in batch 180-419773 (CCVIS 180-419773/47) was below criteria for aroclors 1016 and 1260; and surrogate tetrachloro-m-xylene and decachlorobiphenyl. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated sample did not have aroclors 1016 or 1260 detected, the results were reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	04-01-23

Laboratory: Eurofins Canton

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	04-01-23

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Sample Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Solid	11/29/22 13:00	11/30/22 10:40
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Solid	11/29/22 13:05	11/30/22 10:40
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Solid	11/29/22 13:10	11/30/22 10:40
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Solid	11/29/22 13:15	11/30/22 10:40
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Solid	11/29/22 00:00	11/30/22 10:40

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
6010D	Metals (ICP)	SW846	EET CAN
7471B	Mercury (CVAA)	SW846	EET CAN
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET CAN
3541	Automated Soxhlet Extraction	SW846	EET PIT
3546	Microwave Extraction	SW846	EET EDI
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV25A-0-0.5 — Lab Sample ID: 180-148504-1

Date Collected: 11/29/22 13:00 — **Matrix: Solid**
Date Received: 11/30/22 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			880627	11/30/22 20:08	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV25A-0-0.5 — Lab Sample ID: 180-148504-1

Date Collected: 11/29/22 13:00 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 83.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2.037 g	5 mL	880626	11/30/22 18:41	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	880785	12/02/22 02:34	VBP	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.05 g	1 mL	880649	11/30/22 23:24	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	880678	12/01/22 12:38	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.18 g	20.0 mL	419578	12/01/22 14:07	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	419770	12/05/22 05:47	SMW	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	419771	12/05/22 05:48	SMW	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419773	12/05/22 19:04	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.04 g	100 mL	554003	11/30/22 14:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			554189	12/01/22 13:25	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.64 g	100 mL	554004	11/30/22 14:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			554201	12/01/22 14:34	MRL	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV25A-0.5-1 — Lab Sample ID: 180-148504-2

Date Collected: 11/29/22 13:05 — **Matrix: Solid**
Date Received: 11/30/22 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			880627	11/30/22 20:08	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV25A-0.5-1 — Lab Sample ID: 180-148504-2

Date Collected: 11/29/22 13:05 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 82.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.158 g	5 mL	880626	11/30/22 18:42	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	880785	12/02/22 02:59	VBP	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.03 g	1 mL	880649	11/30/22 23:24	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	880678	12/01/22 12:55	DXD	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV25A-0.5-1 — Lab Sample ID: 180-148504-2

Date Collected: 11/29/22 13:05 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 82.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.45 g	20.0 mL	419578	12/01/22 14:07	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	419770	12/05/22 05:47	SMW	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	419771	12/05/22 05:48	SMW	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419773	12/05/22 19:23	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.12 g	100 mL	554003	11/30/22 14:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			554189	12/01/22 13:30	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.60 g	100 mL	554004	11/30/22 14:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			554201	12/01/22 14:36	MRL	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV26A-0-0.5 — Lab Sample ID: 180-148504-3

Date Collected: 11/29/22 13:10 — **Matrix: Solid**
Date Received: 11/30/22 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			880627	11/30/22 20:08	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV26A-0-0.5 — Lab Sample ID: 180-148504-3

Date Collected: 11/29/22 13:10 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 75.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.236 g	5 mL	880626	11/30/22 18:42	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	880785	12/02/22 03:24	VBP	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.02 g	1 mL	880649	11/30/22 23:24	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	880678	12/01/22 13:13	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.05 g	20.0 mL	419578	12/01/22 14:07	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	419770	12/05/22 05:47	SMW	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	419771	12/05/22 05:48	SMW	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419773	12/05/22 19:42	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.16 g	100 mL	554003	11/30/22 14:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			554189	12/01/22 13:34	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.70 g	100 mL	554004	11/30/22 14:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			554201	12/01/22 14:38	MRL	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV26A-0.5-1 — Lab Sample ID: 180-148504-4

Date Collected: 11/29/22 13:15 — **Matrix: Solid**
Date Received: 11/30/22 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			880627	11/30/22 20:08	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV26A-0.5-1 — Lab Sample ID: 180-148504-4

Date Collected: 11/29/22 13:15 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 86.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.63 g	5 mL	880626	11/30/22 18:43	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	880785	12/02/22 03:49	VBP	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.07 g	1 mL	880649	11/30/22 23:24	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	880678	12/01/22 13:30	DXD	EET EDI
	Instrument ID: CBNAMS15									
Total/NA	Prep	3541			15.27 g	20.0 mL	419578	12/01/22 14:07	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	419770	12/05/22 05:47	SMW	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	419771	12/05/22 05:48	SMW	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419773	12/05/22 20:00	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.11 g	100 mL	554003	11/30/22 14:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			554189	12/01/22 13:38	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.62 g	100 mL	554004	11/30/22 14:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			554201	12/01/22 14:40	MRL	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV-DUP12 — Lab Sample ID: 180-148504-5

Date Collected: 11/29/22 00:00 — **Matrix: Solid**
Date Received: 11/30/22 10:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			880627	11/30/22 20:08	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP12 — Lab Sample ID: 180-148504-5

Date Collected: 11/29/22 00:00 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 84.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.945 g	5 mL	880626	11/30/22 18:43	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	880785	12/02/22 04:14	VBP	EET EDI
	Instrument ID: CVOAMS2									
Total/NA	Prep	3546			15.02 g	1 mL	880649	11/30/22 23:24	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/kg	1 mL/kg	880678	12/01/22 13:47	DXD	EET EDI
	Instrument ID: CBNAMS15									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV-DUP12 **Lab Sample ID: 180-148504-5**
Date Collected: 11/29/22 00:00 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 84.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.20 g	20.0 mL	419578	12/01/22 14:07	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	419770	12/05/22 05:47	SMW	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	419771	12/05/22 05:48	SMW	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419773	12/05/22 20:56	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.04 g	100 mL	554003	11/30/22 14:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			554189	12/01/22 13:42	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.64 g	100 mL	554004	11/30/22 14:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			554201	12/01/22 14:42	MRL	EET CAN
	Instrument ID: H3									

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900
EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: EET CAN
- Batch Type: Prep
  - DEE = Dale Elshaw
- Batch Type: Analysis
  - MRL = Matthew Loeb
  - RKT = Roger Toth

Lab: EET EDI
- Batch Type: Prep
  - GXY = Gopichand Yallabandi
  - JJC = Jordan Cho
- Batch Type: Analysis
  - CJC = Claudia Cho
  - DXD = Djedjiga Dekkar
  - VBP = Vyomesh Parekh

Lab: EET PIT
- Batch Type: Cleanup
  - SMW = Shelby Walters
- Batch Type: Prep
  - AAS = Arianna Swick
- Batch Type: Analysis
  - JMO = John Oravec

Client: Geosyntec Consultants, Inc.
Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV25A-0-0.5
Lab Sample ID: 180-148504-1
Date Collected: 11/29/22 13:00
Matrix: Solid
Date Received: 11/30/22 10:40
Percent Solids: 83.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**22**		18	17	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Benzene	ND		2.9	0.76	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Bromoform	ND		2.9	1.2	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Bromomethane	ND		5.9	2.9	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
2-Butanone (MEK)	ND		15	1.1	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Carbon disulfide	ND		2.9	0.78	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Carbon tetrachloride	ND		2.9	1.1	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Chlorobenzene	ND		2.9	0.52	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Chlorobromomethane	ND		2.9	0.83	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Chlorodibromomethane	ND		2.9	0.57	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Chloroethane	ND		2.9	1.5	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Chloroform	ND		2.9	2.9	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Chloromethane	ND		2.9	1.3	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
cis-1,2-Dichloroethene	ND		2.9	1.1	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
cis-1,3-Dichloropropene	ND		2.9	0.80	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Cyclohexane	ND		2.9	0.65	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,2-Dibromo-3-Chloropropane	ND		2.9	1.4	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,2-Dibromoethane	ND		2.9	0.53	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,2-Dichlorobenzene	ND		2.9	1.1	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,3-Dichlorobenzene	ND		2.9	1.1	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,4-Dichlorobenzene	ND		2.9	0.66	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Dichlorobromomethane	ND		2.9	0.76	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Dichlorodifluoromethane	ND		2.9	0.99	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,1-Dichloroethane	ND		2.9	0.61	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,2-Dichloroethane	ND		2.9	0.87	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,1-Dichloroethene	ND		2.9	0.66	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,2-Dichloroethene, Total	ND		5.9	1.1	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,2-Dichloropropane	ND		2.9	1.2	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,4-Dioxane	ND		290	27	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Ethylbenzene	ND		2.9	0.58	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
2-Hexanone	ND		15	5.0	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Isopropylbenzene	ND		2.9	0.84	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Methyl acetate	ND		15	13	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Methylcyclohexane	ND		2.9	1.5	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Methylene Chloride	ND		5.9	3.4	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
4-Methyl-2-pentanone (MIBK)	ND		15	4.6	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Methyl tert-butyl ether	ND		2.9	1.5	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
m-Xylene & p-Xylene	ND		2.9	0.51	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
o-Xylene	ND		2.9	0.57	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Styrene	ND		2.9	0.82	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,1,2,2-Tetrachloroethane	ND		2.9	0.63	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Tetrachloroethene	ND		2.9	0.90	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Toluene	ND		2.9	0.69	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
trans-1,2-Dichloroethene	ND		2.9	0.72	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
trans-1,3-Dichloropropene	ND		2.9	0.78	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,2,3-Trichlorobenzene	ND		2.9	0.53	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,2,4-Trichlorobenzene	ND		2.9	1.1	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,1,1-Trichloroethane	ND		2.9	0.68	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,1,2-Trichloroethane	ND		2.9	0.52	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1

Client Sample ID: SSHS-IRM5A2-SCV25A-0-0.5 Lab Sample ID: 180-148504-1

Date Collected: 11/29/22 13:00 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 83.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		2.9	0.94	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Trichlorofluoromethane	ND		2.9	1.2	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.9	0.88	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Vinyl chloride	ND		2.9	1.6	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1
Xylenes, Total	ND		5.9	0.51	ug/Kg	☼	11/30/22 18:41	12/02/22 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*75 - 139*	*11/30/22 18:41*	*12/02/22 02:34*	*1*
Dibromofluoromethane (Surr)	*122*		*73 - 139*	*11/30/22 18:41*	*12/02/22 02:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 145*	*11/30/22 18:41*	*12/02/22 02:34*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*	*11/30/22 18:41*	*12/02/22 02:34*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**22**	**J**	390	11	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Acenaphthylene	**29**	**J**	390	11	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Acetophenone	ND		390	19	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Anthracene	**78**	**J**	390	12	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Atrazine	ND		160	23	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Benzaldehyde	ND		390	65	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Benzo[a]anthracene	**700**		39	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Benzo[a]pyrene	**910**		39	11	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Benzo[b]fluoranthene	**1300**		39	10	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Benzo[g,h,i]perylene	**870**		390	12	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Benzo[k]fluoranthene	**600**		39	7.7	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
1,1'-Biphenyl	ND		390	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Bis(2-chloroethoxy)methane	ND		390	31	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Bis(2-chloroethyl)ether	ND		39	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Bis(2-ethylhexyl) phthalate	ND		390	21	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
4-Bromophenyl phenyl ether	ND		390	16	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Butyl benzyl phthalate	ND		390	19	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Caprolactam	ND		390	61	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Carbazole	**130**	**J**	390	15	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
4-Chloroaniline	ND		390	70	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Chrysene	**890**		390	6.7	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Dibenz(a,h)anthracene	**190**		39	17	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Dibenzofuran	ND		390	13	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
3,3'-Dichlorobenzidine	ND		160	60	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Diethyl phthalate	ND		390	13	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2,4-Dimethylphenol	ND		390	47	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Dimethyl phthalate	ND		390	90	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Di-n-butyl phthalate	ND		390	15	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2,4-Dinitrophenol	ND		320	190	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2,4-Dinitrotoluene	ND		80	43	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV25A-0-0.5 **Lab Sample ID: 180-148504-1**
Date Collected: 11/29/22 13:00 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 83.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		80	29	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Di-n-octyl phthalate	ND		390	21	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
1,4-Dioxane	ND		39	34	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Fluoranthene	**1800**		390	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Fluorene	**23**	**J**	390	12	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Hexachlorobenzene	ND		39	19	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Hexachlorobutadiene	ND		80	8.4	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Hexachlorocyclopentadiene	ND		390	35	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Hexachloroethane	ND		39	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Indeno[1,2,3-cd]pyrene	**930**		39	15	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Isophorone	ND		160	110	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2-Methylnaphthalene	ND		390	11	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2-Methylphenol	ND		390	15	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Methylphenol, 3 & 4	**100**	**J**	390	25	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Naphthalene	ND		390	6.8	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
3-Nitroaniline	ND		390	94	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
4-Nitroaniline	ND		390	45	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Nitrobenzene	ND		39	22	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2-Nitrophenol	ND		390	40	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
4-Nitrophenol	ND		800	64	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
N-Nitrosodi-n-propylamine	ND		39	29	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
N-Nitrosodiphenylamine	ND		390	32	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2,2'-oxybis[1-chloropropane]	ND		390	7.1	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Pentachlorophenol	ND		320	81	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Phenanthrene	**560**		390	6.9	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Phenol	ND		390	15	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
Pyrene	**1500**		390	9.8	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
1,2,4,5-Tetrachlorobenzene	ND		390	12	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2,3,4,6-Tetrachlorophenol	ND		390	27	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2,4,5-Trichlorophenol	ND		390	40	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1
2,4,6-Trichlorophenol	ND		160	51	ug/Kg	☼	11/30/22 23:24	12/01/22 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*22 - 122*	*11/30/22 23:24*	*12/01/22 12:38*	*1*
2-Fluorophenol (Surr)	*71*		*18 - 123*	*11/30/22 23:24*	*12/01/22 12:38*	*1*
Nitrobenzene-d5 (Surr)	*76*		*16 - 125*	*11/30/22 23:24*	*12/01/22 12:38*	*1*
Phenol-d5 (Surr)	*71*		*23 - 120*	*11/30/22 23:24*	*12/01/22 12:38*	*1*
Terphenyl-d14 (Surr)	*86*		*25 - 126*	*11/30/22 23:24*	*12/01/22 12:38*	*1*
2,4,6-Tribromophenol (Surr)	*110*		*10 - 123*	*11/30/22 23:24*	*12/01/22 12:38*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	12/01/22 14:07	12/05/22 19:04	1
PCB-1221	ND		20	7.0	ug/Kg	☼	12/01/22 14:07	12/05/22 19:04	1
PCB-1232	ND		20	4.8	ug/Kg	☼	12/01/22 14:07	12/05/22 19:04	1
PCB-1242	ND		20	2.9	ug/Kg	☼	12/01/22 14:07	12/05/22 19:04	1
PCB-1248	ND		20	4.7	ug/Kg	☼	12/01/22 14:07	12/05/22 19:04	1
PCB-1254	**34**		20	5.9	ug/Kg	☼	12/01/22 14:07	12/05/22 19:04	1
PCB-1260	ND		20	5.6	ug/Kg	☼	12/01/22 14:07	12/05/22 19:04	1

Client Sample ID: SSHS-IRM5A2-SCV25A-0-0.5 — Lab Sample ID: 180-148504-1

Date Collected: 11/29/22 13:00 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 83.5**

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		20	6.9	ug/Kg	☼	12/01/22 14:07	12/05/22 19:04	1
PCB-1268	ND		20	2.7	ug/Kg	☼	12/01/22 14:07	12/05/22 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*63 - 138*	*12/01/22 14:07*	*12/05/22 19:04*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*63 - 138*	*12/01/22 14:07*	*12/05/22 19:04*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*55 - 135*	*12/01/22 14:07*	*12/05/22 19:04*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*55 - 135*	*12/01/22 14:07*	*12/05/22 19:04*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8800**		23	6.1	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Antimony	ND		2.3	0.41	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Arsenic	**6.5**		1.7	0.36	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Barium	**81**		23	0.42	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Beryllium	**0.39**	**J**	0.58	0.062	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Cadmium	**0.19**	**J**	0.58	0.055	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Calcium	**6500**		580	42	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Chromium	**11**		1.2	0.39	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Cobalt	**7.3**		1.2	0.23	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Copper	**21**	**B**	2.9	0.27	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Iron	**17000**		23	8.0	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Lead	**26**		1.2	0.32	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Magnesium	**2600**		580	53	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Manganese	**410**		1.7	1.3	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Nickel	**18**		4.6	0.27	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Potassium	**880**		580	91	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Selenium	**0.65**	**J**	2.3	0.54	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Silver	ND		1.2	0.093	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Sodium	**700**		580	72	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Thallium	ND		2.3	0.46	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Vanadium	**14**		5.8	0.95	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1
Zinc	**130**		5.8	1.6	mg/Kg	☼	11/30/22 14:00	12/01/22 13:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.092**	**J**	0.11	0.020	mg/Kg	☼	11/30/22 14:00	12/01/22 14:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**16.5**		1.0	1.0	%			11/30/22 20:08	1
Percent Solids (EPA Moisture)	**83.5**		1.0	1.0	%			11/30/22 20:08	1

Client Sample ID: SSHS-IRM5A2-SCV25A-0.5-1 — Lab Sample ID: 180-148504-2

Date Collected: 11/29/22 13:05 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 82.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		7.0	6.7	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Benzene	ND		1.2	0.30	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV25A-0.5-1
Lab Sample ID: 180-148504-2
Date Collected: 11/29/22 13:05
Matrix: Solid
Date Received: 11/30/22 10:40
Percent Solids: 82.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.2	0.50	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Bromomethane	ND		2.3	1.2	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
2-Butanone (MEK)	ND		5.9	0.43	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Carbon disulfide	ND		1.2	0.31	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Carbon tetrachloride	ND		1.2	0.45	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Chlorobenzene	ND		1.2	0.21	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Chlorobromomethane	ND		1.2	0.33	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Chlorodibromomethane	ND		1.2	0.23	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Chloroethane	ND		1.2	0.61	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Chloroform	ND		1.2	1.1	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Chloromethane	ND		1.2	0.51	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
cis-1,2-Dichloroethene	ND		1.2	0.42	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
cis-1,3-Dichloropropene	ND		1.2	0.32	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Cyclohexane	ND		1.2	0.26	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,2-Dibromo-3-Chloropropane	ND		1.2	0.54	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,2-Dibromoethane	ND		1.2	0.21	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,2-Dichlorobenzene	ND		1.2	0.42	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,3-Dichlorobenzene	ND		1.2	0.43	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,4-Dichlorobenzene	ND		1.2	0.26	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Dichlorobromomethane	ND		1.2	0.30	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Dichlorodifluoromethane	ND		1.2	0.40	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,1-Dichloroethane	ND		1.2	0.24	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,2-Dichloroethane	ND		1.2	0.35	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,1-Dichloroethene	ND		1.2	0.26	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,2-Dichloroethene, Total	ND		2.3	0.45	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,2-Dichloropropane	ND		1.2	0.50	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,4-Dioxane	ND		120	11	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Ethylbenzene	ND		1.2	0.23	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
2-Hexanone	ND		5.9	2.0	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Isopropylbenzene	ND		1.2	0.33	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Methyl acetate	ND		5.9	5.0	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Methylcyclohexane	ND		1.2	0.58	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Methylene Chloride	ND		2.3	1.3	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	1.8	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Methyl tert-butyl ether	ND		1.2	0.60	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
m-Xylene & p-Xylene	ND		1.2	0.20	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
o-Xylene	ND		1.2	0.23	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Styrene	ND		1.2	0.33	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,1,2,2-Tetrachloroethane	ND		1.2	0.25	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Tetrachloroethene	ND		1.2	0.36	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Toluene	ND		1.2	0.27	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
trans-1,2-Dichloroethene	ND		1.2	0.29	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
trans-1,3-Dichloropropene	ND		1.2	0.31	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,2,3-Trichlorobenzene	ND		1.2	0.21	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,2,4-Trichlorobenzene	ND		1.2	0.42	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,1,1-Trichloroethane	ND		1.2	0.27	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
1,1,2-Trichloroethane	ND		1.2	0.21	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Trichloroethene	ND		1.2	0.38	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Trichlorofluoromethane	ND		1.2	0.48	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1

Client Sample ID: SSHS-IRM5A2-SCV25A-0.5-1 **Lab Sample ID: 180-148504-2**
Date Collected: 11/29/22 13:05 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 82.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	0.35	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Vinyl chloride	ND		1.2	0.64	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1
Xylenes, Total	ND		2.3	0.20	ug/Kg	☼	11/30/22 18:42	12/02/22 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*75 - 139*	*11/30/22 18:42*	*12/02/22 02:59*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 139*	*11/30/22 18:42*	*12/02/22 02:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 145*	*11/30/22 18:42*	*12/02/22 02:59*	*1*
Toluene-d8 (Surr)	*76*	*S1-*	*80 - 120*	*11/30/22 18:42*	*12/02/22 02:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	11	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Acenaphthylene	ND		400	11	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Acetophenone	ND		400	20	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Anthracene	ND		400	12	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Atrazine	ND		160	23	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Benzaldehyde	ND		400	66	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Benzo[a]anthracene	ND		40	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Benzo[a]pyrene	ND		40	11	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Benzo[b]fluoranthene	ND		40	10	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Benzo[g,h,i]perylene	ND		400	12	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Benzo[k]fluoranthene	ND		40	7.8	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
1,1'-Biphenyl	ND		400	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Bis(2-chloroethoxy)methane	ND		400	31	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Bis(2-ethylhexyl) phthalate	ND		400	21	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Caprolactam	ND		400	62	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Carbazole	ND		400	15	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
4-Chloroaniline	ND		400	71	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
4-Chloro-3-methylphenol	ND		400	22	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2-Chloronaphthalene	ND		400	18	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Chrysene	ND		400	6.7	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Dibenz(a,h)anthracene	ND		40	17	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Dibenzofuran	ND		400	13	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
3,3'-Dichlorobenzidine	ND		160	60	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2,4-Dichlorophenol	ND		160	26	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2,4-Dimethylphenol	ND		400	48	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Dimethyl phthalate	ND		400	91	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Di-n-butyl phthalate	ND		400	15	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2,4-Dinitrophenol	ND		320	200	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2,4-Dinitrotoluene	ND		81	43	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2,6-Dinitrotoluene	ND		81	29	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Di-n-octyl phthalate	ND		400	21	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1

Client Sample ID: SSHS-IRM5A2-SCV25A-0.5-1 **Lab Sample ID: 180-148504-2**
Date Collected: 11/29/22 13:05 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 82.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		40	35	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Fluoranthene	ND		400	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Fluorene	ND		400	12	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Hexachlorobutadiene	ND		81	8.5	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Hexachlorocyclopentadiene	ND		400	35	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Hexachloroethane	ND		40	14	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Indeno[1,2,3-cd]pyrene	ND		40	16	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Isophorone	ND		160	120	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2-Methylnaphthalene	ND		400	11	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2-Methylphenol	ND		400	15	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Methylphenol, 3 & 4	ND		400	25	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Naphthalene	ND		400	6.9	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
3-Nitroaniline	ND		400	95	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
4-Nitroaniline	ND		400	46	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Nitrobenzene	ND		40	22	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2-Nitrophenol	ND		400	40	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
4-Nitrophenol	ND		810	65	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2,2'-oxybis[1-chloropropane]	ND		400	7.2	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Pentachlorophenol	ND		320	82	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Phenanthrene	ND		400	7.0	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Phenol	ND		400	15	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
Pyrene	ND		400	9.9	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
1,2,4,5-Tetrachlorobenzene	ND		400	12	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2,3,4,6-Tetrachlorophenol	ND		400	27	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2,4,5-Trichlorophenol	ND		400	41	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1
2,4,6-Trichlorophenol	ND		160	51	ug/Kg	☼	11/30/22 23:24	12/01/22 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*22 - 122*	*11/30/22 23:24*	*12/01/22 12:55*	*1*
2-Fluorophenol (Surr)	*72*		*18 - 123*	*11/30/22 23:24*	*12/01/22 12:55*	*1*
Nitrobenzene-d5 (Surr)	*79*		*16 - 125*	*11/30/22 23:24*	*12/01/22 12:55*	*1*
Phenol-d5 (Surr)	*72*		*23 - 120*	*11/30/22 23:24*	*12/01/22 12:55*	*1*
Terphenyl-d14 (Surr)	*88*		*25 - 126*	*11/30/22 23:24*	*12/01/22 12:55*	*1*
2,4,6-Tribromophenol (Surr)	*107*		*10 - 123*	*11/30/22 23:24*	*12/01/22 12:55*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	12/01/22 14:07	12/05/22 19:23	1
PCB-1221	ND		20	6.9	ug/Kg	☼	12/01/22 14:07	12/05/22 19:23	1
PCB-1232	ND		20	4.8	ug/Kg	☼	12/01/22 14:07	12/05/22 19:23	1
PCB-1242	ND		20	2.9	ug/Kg	☼	12/01/22 14:07	12/05/22 19:23	1
PCB-1248	ND		20	4.7	ug/Kg	☼	12/01/22 14:07	12/05/22 19:23	1
PCB-1254	ND		20	5.9	ug/Kg	☼	12/01/22 14:07	12/05/22 19:23	1
PCB-1260	ND		20	5.6	ug/Kg	☼	12/01/22 14:07	12/05/22 19:23	1
PCB-1262	ND		20	6.9	ug/Kg	☼	12/01/22 14:07	12/05/22 19:23	1
PCB-1268	ND		20	2.6	ug/Kg	☼	12/01/22 14:07	12/05/22 19:23	1

Client Sample ID: SSHS-IRM5A2-SCV25A-0.5-1 — Lab Sample ID: 180-148504-2

Date Collected: 11/29/22 13:05 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 82.7**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*12/01/22 14:07*	*12/05/22 19:23*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*63 - 138*	*12/01/22 14:07*	*12/05/22 19:23*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*55 - 135*	*12/01/22 14:07*	*12/05/22 19:23*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*55 - 135*	*12/01/22 14:07*	*12/05/22 19:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		22	5.8	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Antimony	ND		2.2	0.39	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Arsenic	**6.5**		1.6	0.34	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Barium	**110**		22	0.39	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Beryllium	**0.53**	**J**	0.54	0.058	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Cadmium	**0.13**	**J**	0.54	0.052	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Calcium	**1900**		540	39	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Chromium	**13**		1.1	0.37	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Cobalt	**9.6**		1.1	0.22	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Copper	**14**	**B**	2.7	0.25	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Iron	**19000**		22	7.5	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Lead	**12**		1.1	0.30	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Magnesium	**2600**		540	50	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Manganese	**560**		1.6	1.2	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Nickel	**22**		4.3	0.25	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Potassium	**860**		540	86	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Selenium	**0.52**	**J**	2.2	0.51	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Silver	ND		1.1	0.087	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Sodium	**370**	**J**	540	68	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Thallium	ND		2.2	0.43	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Vanadium	**14**		5.4	0.89	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1
Zinc	**63**		5.4	1.5	mg/Kg	☼	11/30/22 14:00	12/01/22 13:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.025**	**J**	0.12	0.022	mg/Kg	☼	11/30/22 14:00	12/01/22 14:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**17.3**		1.0	1.0	%			11/30/22 20:08	1
Percent Solids (EPA Moisture)	**82.7**		1.0	1.0	%			11/30/22 20:08	1

Client Sample ID: SSHS-IRM5A2-SCV26A-0-0.5 — Lab Sample ID: 180-148504-3

Date Collected: 11/29/22 13:10 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 75.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.4	6.1	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Benzene	ND		1.1	0.27	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Bromoform	ND		1.1	0.45	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Bromomethane	ND		2.1	1.1	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
2-Butanone (MEK)	ND		5.3	0.39	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Carbon disulfide	ND		1.1	0.28	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV26A-0-0.5
Lab Sample ID: 180-148504-3
Date Collected: 11/29/22 13:10
Matrix: Solid
Date Received: 11/30/22 10:40
Percent Solids: 75.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.1	0.41	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Chlorobenzene	ND		1.1	0.19	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Chlorobromomethane	ND		1.1	0.30	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Chlorodibromomethane	ND		1.1	0.21	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Chloroethane	ND		1.1	0.56	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Chloroform	ND		1.1	1.0	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Chloromethane	ND		1.1	0.46	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
cis-1,2-Dichloroethene	ND		1.1	0.38	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
cis-1,3-Dichloropropene	ND		1.1	0.29	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Cyclohexane	ND		1.1	0.24	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.49	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,2-Dibromoethane	ND		1.1	0.19	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,2-Dichlorobenzene	ND		1.1	0.38	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,3-Dichlorobenzene	ND		1.1	0.39	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,4-Dichlorobenzene	ND		1.1	0.24	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Dichlorobromomethane	ND		1.1	0.27	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Dichlorodifluoromethane	ND		1.1	0.36	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,1-Dichloroethane	ND		1.1	0.22	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,2-Dichloroethane	ND		1.1	0.32	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,1-Dichloroethene	ND		1.1	0.24	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,2-Dichloroethene, Total	ND		2.1	0.41	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,2-Dichloropropane	ND		1.1	0.45	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,4-Dioxane	ND		110	9.8	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Ethylbenzene	ND		1.1	0.21	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
2-Hexanone	ND		5.3	1.8	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Isopropylbenzene	ND		1.1	0.30	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Methyl acetate	ND		5.3	4.6	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Methylcyclohexane	ND		1.1	0.53	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Methylene Chloride	ND		2.1	1.2	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.7	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Methyl tert-butyl ether	ND		1.1	0.55	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
m-Xylene & p-Xylene	ND		1.1	0.19	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
o-Xylene	ND		1.1	0.21	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Styrene	ND		1.1	0.30	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.23	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Tetrachloroethene	ND		1.1	0.32	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Toluene	ND		1.1	0.25	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
trans-1,2-Dichloroethene	ND		1.1	0.26	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
trans-1,3-Dichloropropene	ND		1.1	0.28	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,2,3-Trichlorobenzene	ND		1.1	0.19	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,2,4-Trichlorobenzene	ND		1.1	0.38	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,1,1-Trichloroethane	ND		1.1	0.25	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Trichloroethene	ND		1.1	0.34	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Trichlorofluoromethane	ND		1.1	0.43	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.32	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Vinyl chloride	ND		1.1	0.58	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1
Xylenes, Total	ND		2.1	0.19	ug/Kg	☼	11/30/22 18:42	12/02/22 03:24	1

Client Sample ID: SSHS-IRM5A2-SCV26A-0-0.5 Lab Sample ID: 180-148504-3

Date Collected: 11/29/22 13:10 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 75.3**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*75 - 139*	*11/30/22 18:42*	*12/02/22 03:24*	*1*
Dibromofluoromethane (Surr)	*139*		*73 - 139*	*11/30/22 18:42*	*12/02/22 03:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*72 - 145*	*11/30/22 18:42*	*12/02/22 03:24*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*11/30/22 18:42*	*12/02/22 03:24*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**13**	**J**	440	12	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Acenaphthylene	**19**	**J**	440	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Acetophenone	ND		440	22	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Anthracene	**41**	**J**	440	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Atrazine	ND		180	26	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Benzaldehyde	ND		440	73	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Benzo[a]anthracene	**210**		44	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Benzo[a]pyrene	**220**		44	12	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Benzo[b]fluoranthene	**320**		44	11	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Benzo[g,h,i]perylene	**170**	**J**	440	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Benzo[k]fluoranthene	**110**		44	8.6	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
1,1'-Biphenyl	ND		440	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Bis(2-chloroethoxy)methane	ND		440	34	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Bis(2-chloroethyl)ether	ND		44	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Bis(2-ethylhexyl) phthalate	ND		440	23	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
4-Bromophenyl phenyl ether	ND		440	17	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Butyl benzyl phthalate	ND		440	21	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Caprolactam	ND		440	68	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Carbazole	**23**	**J**	440	17	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
4-Chloroaniline	ND		440	78	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
4-Chloro-3-methylphenol	ND		440	25	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2-Chloronaphthalene	ND		440	20	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2-Chlorophenol	ND		440	16	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
4-Chlorophenyl phenyl ether	ND		440	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Chrysene	**260**	**J**	440	7.4	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Dibenz(a,h)anthracene	**36**	**J**	44	19	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Dibenzofuran	ND		440	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
3,3'-Dichlorobenzidine	ND		180	66	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2,4-Dichlorophenol	ND		180	28	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Diethyl phthalate	ND		440	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2,4-Dimethylphenol	ND		440	52	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Dimethyl phthalate	ND		440	100	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Di-n-butyl phthalate	**17**	**J**	440	17	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
4,6-Dinitro-2-methylphenol	ND		350	180	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2,4-Dinitrophenol	ND		350	220	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2,4-Dinitrotoluene	ND		89	47	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2,6-Dinitrotoluene	ND		89	32	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Di-n-octyl phthalate	ND		440	23	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
1,4-Dioxane	ND		44	38	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Fluoranthene	**420**	**J**	440	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Fluorene	**14**	**J**	440	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Hexachlorobenzene	ND		44	21	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Hexachlorobutadiene	ND		89	9.3	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1

Client Sample ID: SSHS-IRM5A2-SCV26A-0-0.5 **Lab Sample ID: 180-148504-3**
Date Collected: 11/29/22 13:10 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 75.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		440	38	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Hexachloroethane	ND		44	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Indeno[1,2,3-cd]pyrene	**190**		44	17	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Isophorone	ND		180	130	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2-Methylnaphthalene	ND		440	12	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2-Methylphenol	ND		440	16	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Methylphenol, 3 & 4	ND		440	27	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Naphthalene	**14**	**J**	440	7.6	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2-Nitroaniline	ND		440	33	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
3-Nitroaniline	ND		440	100	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
4-Nitroaniline	ND		440	50	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Nitrobenzene	ND		44	24	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2-Nitrophenol	ND		440	44	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
4-Nitrophenol	ND		890	71	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
N-Nitrosodi-n-propylamine	ND		44	32	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
N-Nitrosodiphenylamine	ND		440	36	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2,2'-oxybis[1-chloropropane]	ND		440	7.9	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Pentachlorophenol	ND		350	90	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Phenanthrene	**170**	**J**	440	7.7	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Phenol	ND		440	16	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
Pyrene	**370**	**J**	440	11	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
1,2,4,5-Tetrachlorobenzene	ND		440	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2,3,4,6-Tetrachlorophenol	ND		440	30	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2,4,5-Trichlorophenol	ND		440	45	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1
2,4,6-Trichlorophenol	ND		180	56	ug/Kg	☼	11/30/22 23:24	12/01/22 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*22 - 122*	*11/30/22 23:24*	*12/01/22 13:13*	*1*
2-Fluorophenol (Surr)	*73*		*18 - 123*	*11/30/22 23:24*	*12/01/22 13:13*	*1*
Nitrobenzene-d5 (Surr)	*81*		*16 - 125*	*11/30/22 23:24*	*12/01/22 13:13*	*1*
Phenol-d5 (Surr)	*73*		*23 - 120*	*11/30/22 23:24*	*12/01/22 13:13*	*1*
Terphenyl-d14 (Surr)	*91*		*25 - 126*	*11/30/22 23:24*	*12/01/22 13:13*	*1*
2,4,6-Tribromophenol (Surr)	*106*		*10 - 123*	*11/30/22 23:24*	*12/01/22 13:13*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.2	ug/Kg	☼	12/01/22 14:07	12/05/22 19:42	1
PCB-1221	ND		22	7.8	ug/Kg	☼	12/01/22 14:07	12/05/22 19:42	1
PCB-1232	ND		22	5.4	ug/Kg	☼	12/01/22 14:07	12/05/22 19:42	1
PCB-1242	ND		22	3.2	ug/Kg	☼	12/01/22 14:07	12/05/22 19:42	1
PCB-1248	ND		22	5.3	ug/Kg	☼	12/01/22 14:07	12/05/22 19:42	1
PCB-1254	**190**		22	6.6	ug/Kg	☼	12/01/22 14:07	12/05/22 19:42	1
PCB-1260	ND		22	6.3	ug/Kg	☼	12/01/22 14:07	12/05/22 19:42	1
PCB-1262	ND		22	7.8	ug/Kg	☼	12/01/22 14:07	12/05/22 19:42	1
PCB-1268	ND		22	3.0	ug/Kg	☼	12/01/22 14:07	12/05/22 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*72*		*63 - 138*	*12/01/22 14:07*	*12/05/22 19:42*	*1*
DCB Decachlorobiphenyl (Surr)	*77*		*63 - 138*	*12/01/22 14:07*	*12/05/22 19:42*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*55 - 135*	*12/01/22 14:07*	*12/05/22 19:42*	*1*

Client Sample ID: SSHS-IRM5A2-SCV26A-0-0.5 — Lab Sample ID: 180-148504-3

Date Collected: 11/29/22 13:10 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 75.3**

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	81		55 - 135	12/01/22 14:07	12/05/22 19:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8500		23	6.1	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Antimony	ND		2.3	0.41	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Arsenic	7.2		1.7	0.36	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Barium	85		23	0.41	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Beryllium	0.44	J	0.57	0.062	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Cadmium	0.22	J	0.57	0.055	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Calcium	4300		570	42	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Chromium	12		1.1	0.39	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Cobalt	7.6		1.1	0.23	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Copper	27	B	2.9	0.27	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Iron	18000		23	7.9	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Lead	54		1.1	0.32	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Magnesium	2400		570	53	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Manganese	470		1.7	1.3	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Nickel	21		4.6	0.27	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Potassium	910		570	91	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Selenium	0.54	J	2.3	0.54	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Silver	ND		1.1	0.093	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Sodium	170	J	570	72	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Thallium	ND		2.3	0.46	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Vanadium	14		5.7	0.94	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1
Zinc	120		5.7	1.6	mg/Kg	☼	11/30/22 14:00	12/01/22 13:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	J	0.11	0.020	mg/Kg	☼	11/30/22 14:00	12/01/22 14:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	24.7		1.0	1.0	%			11/30/22 20:08	1
Percent Solids (EPA Moisture)	75.3		1.0	1.0	%			11/30/22 20:08	1

Client Sample ID: SSHS-IRM5A2-SCV26A-0.5-1 — Lab Sample ID: 180-148504-4

Date Collected: 11/29/22 13:15 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 86.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	9.4		6.2	5.9	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Benzene	ND		1.0	0.27	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Bromoform	ND		1.0	0.44	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Bromomethane	ND		2.1	1.0	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
2-Butanone (MEK)	ND		5.1	0.38	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Carbon disulfide	ND		1.0	0.27	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Carbon tetrachloride	ND		1.0	0.40	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV26A-0.5-1
Lab Sample ID: 180-148504-4
Date Collected: 11/29/22 13:15
Matrix: Solid
Date Received: 11/30/22 10:40
Percent Solids: 86.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Chlorodibromomethane	ND		1.0	0.20	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Chloroethane	ND		1.0	0.54	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Chloroform	ND		1.0	1.0	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Chloromethane	ND		1.0	0.45	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
cis-1,2-Dichloroethene	ND		1.0	0.37	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Cyclohexane	ND		1.0	0.23	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.47	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,2-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,3-Dichlorobenzene	ND		1.0	0.38	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,2-Dichloroethene, Total	ND		2.1	0.39	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,2-Dichloropropane	ND		1.0	0.43	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,4-Dioxane	ND		100	9.4	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Ethylbenzene	ND		1.0	0.20	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
2-Hexanone	ND		5.1	1.8	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Methyl acetate	ND		5.1	4.4	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Methylcyclohexane	ND		1.0	0.51	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Methylene Chloride	ND		2.1	1.2	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.1	1.6	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Methyl tert-butyl ether	ND		1.0	0.53	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
m-Xylene & p-Xylene	ND		1.0	0.18	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Styrene	ND		1.0	0.29	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Toluene	ND		1.0	0.24	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,2,3-Trichlorobenzene	ND		1.0	0.19	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Trichloroethene	ND		1.0	0.33	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Trichlorofluoromethane	ND		1.0	0.42	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Vinyl chloride	ND		1.0	0.56	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1
Xylenes, Total	ND		2.1	0.18	ug/Kg	☼	11/30/22 18:43	12/02/22 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*75 - 139*	*11/30/22 18:43*	*12/02/22 03:49*	*1*
Dibromofluoromethane (Surr)	*136*		*73 - 139*	*11/30/22 18:43*	*12/02/22 03:49*	*1*

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV26A-0.5-1 **Lab Sample ID: 180-148504-4**
Date Collected: 11/29/22 13:15 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 86.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*125*		*72 - 145*	*11/30/22 18:43*	*12/02/22 03:49*	*1*
Toluene-d8 (Surr)	*87*		*80 - 120*	*11/30/22 18:43*	*12/02/22 03:49*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	11	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Acenaphthylene	ND		380	11	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Acetophenone	ND		380	19	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Anthracene	ND		380	12	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Atrazine	ND		150	22	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Benzaldehyde	ND		380	63	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Benzo[a]anthracene	ND		38	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Benzo[a]pyrene	ND		38	10	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Benzo[b]fluoranthene	ND		38	9.9	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Benzo[g,h,i]perylene	ND		380	11	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Benzo[k]fluoranthene	ND		38	7.5	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Bis(2-chloroethoxy)methane	ND		380	30	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Caprolactam	ND		380	59	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Carbazole	ND		380	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
4-Chloroaniline	ND		380	68	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
4-Chloro-3-methylphenol	ND		380	21	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2-Chloronaphthalene	ND		380	18	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2-Chlorophenol	ND		380	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
4-Chlorophenyl phenyl ether	ND		380	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Chrysene	ND		380	6.4	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Dibenz(a,h)anthracene	ND		38	16	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Dibenzofuran	ND		380	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
3,3'-Dichlorobenzidine	ND		150	58	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2,4-Dimethylphenol	ND		380	45	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Dimethyl phthalate	ND		380	87	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Di-n-butyl phthalate	ND		380	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2,4-Dinitrophenol	ND		310	190	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2,4-Dinitrotoluene	ND		77	41	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2,6-Dinitrotoluene	ND		77	28	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Di-n-octyl phthalate	ND		380	20	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
1,4-Dioxane	ND		38	33	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Fluoranthene	ND		380	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Fluorene	ND		380	11	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Hexachlorobutadiene	ND		77	8.1	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Hexachlorocyclopentadiene	ND		380	33	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV26A-0.5-1 **Lab Sample ID: 180-148504-4**
Date Collected: 11/29/22 13:15 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 86.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		38	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Indeno[1,2,3-cd]pyrene	ND		38	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Isophorone	ND		150	110	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2-Methylnaphthalene	ND		380	11	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2-Methylphenol	ND		380	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Methylphenol, 3 & 4	ND		380	24	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Naphthalene	ND		380	6.6	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
3-Nitroaniline	ND		380	90	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
4-Nitroaniline	ND		380	44	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Nitrobenzene	ND		38	21	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2-Nitrophenol	ND		380	38	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
4-Nitrophenol	ND		770	62	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
N-Nitrosodi-n-propylamine	ND		38	28	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
N-Nitrosodiphenylamine	ND		380	31	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2,2'-oxybis[1-chloropropane]	ND		380	6.9	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Pentachlorophenol	ND		310	78	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Phenanthrene	ND		380	6.7	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Phenol	ND		380	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
Pyrene	**10**	**J**	380	9.5	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
1,2,4,5-Tetrachlorobenzene	ND		380	12	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2,3,4,6-Tetrachlorophenol	ND		380	26	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2,4,5-Trichlorophenol	ND		380	39	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1
2,4,6-Trichlorophenol	ND		150	49	ug/Kg	☼	11/30/22 23:24	12/01/22 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*22 - 122*	*11/30/22 23:24*	*12/01/22 13:30*	*1*
2-Fluorophenol (Surr)	*67*		*18 - 123*	*11/30/22 23:24*	*12/01/22 13:30*	*1*
Nitrobenzene-d5 (Surr)	*76*		*16 - 125*	*11/30/22 23:24*	*12/01/22 13:30*	*1*
Phenol-d5 (Surr)	*68*		*23 - 120*	*11/30/22 23:24*	*12/01/22 13:30*	*1*
Terphenyl-d14 (Surr)	*85*		*25 - 126*	*11/30/22 23:24*	*12/01/22 13:30*	*1*
2,4,6-Tribromophenol (Surr)	*103*		*10 - 123*	*11/30/22 23:24*	*12/01/22 13:30*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	12/01/22 14:07	12/05/22 20:00	1
PCB-1221	ND		19	6.7	ug/Kg	☼	12/01/22 14:07	12/05/22 20:00	1
PCB-1232	ND		19	4.6	ug/Kg	☼	12/01/22 14:07	12/05/22 20:00	1
PCB-1242	ND		19	2.8	ug/Kg	☼	12/01/22 14:07	12/05/22 20:00	1
PCB-1248	ND		19	4.5	ug/Kg	☼	12/01/22 14:07	12/05/22 20:00	1
PCB-1254	**20**		19	5.7	ug/Kg	☼	12/01/22 14:07	12/05/22 20:00	1
PCB-1260	**8.2**	**J**	19	5.4	ug/Kg	☼	12/01/22 14:07	12/05/22 20:00	1
PCB-1262	ND		19	6.7	ug/Kg	☼	12/01/22 14:07	12/05/22 20:00	1
PCB-1268	ND		19	2.5	ug/Kg	☼	12/01/22 14:07	12/05/22 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*63 - 138*	*12/01/22 14:07*	*12/05/22 20:00*	*1*
DCB Decachlorobiphenyl (Surr)	*78*		*63 - 138*	*12/01/22 14:07*	*12/05/22 20:00*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*12/01/22 14:07*	*12/05/22 20:00*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*12/01/22 14:07*	*12/05/22 20:00*	*1*

Client Sample ID: SSHS-IRM5A2-SCV26A-0.5-1 — Lab Sample ID: 180-148504-4

Date Collected: 11/29/22 13:15 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 86.4**

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		21	5.6	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Antimony	ND		2.1	0.37	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Arsenic	6.2		1.6	0.33	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Barium	100		21	0.38	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Beryllium	0.51	J	0.52	0.056	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Cadmium	0.13	J	0.52	0.050	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Calcium	1300		520	38	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Chromium	12		1.0	0.36	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Cobalt	9.6		1.0	0.21	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Copper	13	B	2.6	0.25	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Iron	19000		21	7.2	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Lead	11		1.0	0.29	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Magnesium	2600		520	48	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Manganese	550		1.6	1.2	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Nickel	22		4.2	0.24	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Potassium	1000		520	83	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Selenium	ND		2.1	0.49	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Silver	ND		1.0	0.084	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Sodium	1000		520	65	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Thallium	ND		2.1	0.42	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Vanadium	14		5.2	0.86	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1
Zinc	61		5.2	1.4	mg/Kg	☼	11/30/22 14:00	12/01/22 13:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030	J	0.11	0.020	mg/Kg	☼	11/30/22 14:00	12/01/22 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.6		1.0	1.0	%			11/30/22 20:08	1
Percent Solids (EPA Moisture)	86.4		1.0	1.0	%			11/30/22 20:08	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP12 — Lab Sample ID: 180-148504-5

Date Collected: 11/29/22 00:00 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 84.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	18		6.0	5.7	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Benzene	ND		0.99	0.26	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Bromoform	ND		0.99	0.42	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Bromomethane	ND		2.0	0.99	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Carbon disulfide	ND		0.99	0.26	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Carbon tetrachloride	ND		0.99	0.39	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Chlorobenzene	ND		0.99	0.18	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Chlorobromomethane	ND		0.99	0.28	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Chlorodibromomethane	ND		0.99	0.19	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Chloroethane	ND		0.99	0.52	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Chloroform	ND		0.99	0.97	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP12 **Lab Sample ID: 180-148504-5**
Date Collected: 11/29/22 00:00 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 84.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		0.99	0.43	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
cis-1,2-Dichloroethene	ND		0.99	0.36	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
cis-1,3-Dichloropropene	ND		0.99	0.27	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Cyclohexane	ND		0.99	0.22	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,2-Dibromo-3-Chloropropane	ND		0.99	0.46	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,2-Dibromoethane	ND		0.99	0.18	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,2-Dichlorobenzene	ND		0.99	0.36	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,3-Dichlorobenzene	ND		0.99	0.36	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,4-Dichlorobenzene	ND		0.99	0.22	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Dichlorobromomethane	ND		0.99	0.26	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Dichlorodifluoromethane	ND		0.99	0.34	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,1-Dichloroethane	ND		0.99	0.20	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,2-Dichloroethane	ND		0.99	0.29	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,1-Dichloroethene	ND		0.99	0.22	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,2-Dichloropropane	ND		0.99	0.42	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,4-Dioxane	ND		99	9.1	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Ethylbenzene	ND		0.99	0.20	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
2-Hexanone	ND		5.0	1.7	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Isopropylbenzene	ND		0.99	0.28	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Methyl acetate	ND		5.0	4.3	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Methylcyclohexane	ND		0.99	0.50	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Methylene Chloride	ND		2.0	1.1	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.5	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Methyl tert-butyl ether	ND		0.99	0.51	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
m-Xylene & p-Xylene	ND		0.99	0.17	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
o-Xylene	ND		0.99	0.19	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Styrene	ND		0.99	0.28	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,1,2,2-Tetrachloroethane	ND		0.99	0.21	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Tetrachloroethene	ND		0.99	0.30	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Toluene	ND		0.99	0.23	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
trans-1,2-Dichloroethene	ND		0.99	0.24	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
trans-1,3-Dichloropropene	ND		0.99	0.26	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,2,3-Trichlorobenzene	ND		0.99	0.18	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,2,4-Trichlorobenzene	ND		0.99	0.36	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,1,1-Trichloroethane	ND		0.99	0.23	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,1,2-Trichloroethane	ND		0.99	0.18	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Trichloroethene	ND		0.99	0.32	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Trichlorofluoromethane	ND		0.99	0.40	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.99	0.30	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Vinyl chloride	ND		0.99	0.54	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1
Xylenes, Total	ND		2.0	0.17	ug/Kg	☼	11/30/22 18:43	12/02/22 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*75 - 139*	*11/30/22 18:43*	*12/02/22 04:14*	*1*
Dibromofluoromethane (Surr)	*150*	*S1+*	*73 - 139*	*11/30/22 18:43*	*12/02/22 04:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*141*		*72 - 145*	*11/30/22 18:43*	*12/02/22 04:14*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*	*11/30/22 18:43*	*12/02/22 04:14*	*1*

Client: Geosyntec Consultants, Inc.
Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV-DUP12
Lab Sample ID: 180-148504-5
Date Collected: 11/29/22 00:00
Matrix: Solid
Date Received: 11/30/22 10:40
Percent Solids: 84.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	11	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Acenaphthylene	ND		390	11	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Acetophenone	ND		390	19	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Anthracene	ND		390	12	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Atrazine	ND		160	23	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Benzaldehyde	ND		390	65	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Benzo[a]anthracene	ND		39	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Benzo[a]pyrene	ND		39	10	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Benzo[b]fluoranthene	ND		39	10	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Benzo[g,h,i]perylene	ND		390	12	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Benzo[k]fluoranthene	ND		39	7.7	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
1,1'-Biphenyl	ND		390	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Bis(2-chloroethoxy)methane	ND		390	30	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Bis(2-chloroethyl)ether	ND		39	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Bis(2-ethylhexyl) phthalate	ND		390	21	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
4-Bromophenyl phenyl ether	ND		390	16	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Butyl benzyl phthalate	ND		390	18	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Caprolactam	ND		390	61	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Carbazole	ND		390	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
4-Chloroaniline	ND		390	69	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Chrysene	ND		390	6.6	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Dibenz(a,h)anthracene	ND		39	17	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Dibenzofuran	ND		390	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
3,3'-Dichlorobenzidine	ND		160	59	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Diethyl phthalate	ND		390	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2,4-Dimethylphenol	ND		390	47	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Dimethyl phthalate	ND		390	89	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Di-n-butyl phthalate	ND		390	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2,4-Dinitrophenol	ND		310	190	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2,4-Dinitrotoluene	ND		79	42	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2,6-Dinitrotoluene	ND		79	28	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Di-n-octyl phthalate	ND		390	21	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
1,4-Dioxane	ND		39	34	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Fluoranthene	ND		390	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Fluorene	ND		390	11	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Hexachlorobenzene	ND		39	19	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Hexachlorobutadiene	ND		79	8.3	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Hexachlorocyclopentadiene	ND		390	34	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Hexachloroethane	ND		39	13	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Indeno[1,2,3-cd]pyrene	ND		39	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Isophorone	ND		160	110	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2-Methylnaphthalene	ND		390	11	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2-Methylphenol	ND		390	15	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP12 — Lab Sample ID: 180-148504-5

Date Collected: 11/29/22 00:00 — **Matrix: Solid**
Date Received: 11/30/22 10:40 — **Percent Solids: 84.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	24	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Naphthalene	ND		390	6.8	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
3-Nitroaniline	ND		390	93	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
4-Nitroaniline	ND		390	45	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Nitrobenzene	ND		39	22	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2-Nitrophenol	ND		390	39	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
4-Nitrophenol	ND		790	64	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
N-Nitrosodi-n-propylamine	ND		39	28	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
N-Nitrosodiphenylamine	ND		390	32	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2,2'-oxybis[1-chloropropane]	ND		390	7.1	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Pentachlorophenol	ND		310	80	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Phenanthrene	ND		390	6.9	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Phenol	ND		390	14	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
Pyrene	ND		390	9.7	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
1,2,4,5-Tetrachlorobenzene	ND		390	12	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2,3,4,6-Tetrachlorophenol	ND		390	26	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2,4,5-Trichlorophenol	ND		390	40	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1
2,4,6-Trichlorophenol	ND		160	50	ug/Kg	☼	11/30/22 23:24	12/01/22 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*22 - 122*	*11/30/22 23:24*	*12/01/22 13:47*	*1*
2-Fluorophenol (Surr)	*66*		*18 - 123*	*11/30/22 23:24*	*12/01/22 13:47*	*1*
Nitrobenzene-d5 (Surr)	*74*		*16 - 125*	*11/30/22 23:24*	*12/01/22 13:47*	*1*
Phenol-d5 (Surr)	*67*		*23 - 120*	*11/30/22 23:24*	*12/01/22 13:47*	*1*
Terphenyl-d14 (Surr)	*87*		*25 - 126*	*11/30/22 23:24*	*12/01/22 13:47*	*1*
2,4,6-Tribromophenol (Surr)	*104*		*10 - 123*	*11/30/22 23:24*	*12/01/22 13:47*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	12/01/22 14:07	12/05/22 20:56	1
PCB-1221	ND		19	6.9	ug/Kg	☼	12/01/22 14:07	12/05/22 20:56	1
PCB-1232	ND		19	4.7	ug/Kg	☼	12/01/22 14:07	12/05/22 20:56	1
PCB-1242	ND		19	2.8	ug/Kg	☼	12/01/22 14:07	12/05/22 20:56	1
PCB-1248	ND		19	4.7	ug/Kg	☼	12/01/22 14:07	12/05/22 20:56	1
PCB-1254	**15**	**J**	19	5.8	ug/Kg	☼	12/01/22 14:07	12/05/22 20:56	1
PCB-1260	ND		19	5.5	ug/Kg	☼	12/01/22 14:07	12/05/22 20:56	1
PCB-1262	ND		19	6.8	ug/Kg	☼	12/01/22 14:07	12/05/22 20:56	1
PCB-1268	ND		19	2.6	ug/Kg	☼	12/01/22 14:07	12/05/22 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*	*12/01/22 14:07*	*12/05/22 20:56*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*12/01/22 14:07*	*12/05/22 20:56*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*55 - 135*	*12/01/22 14:07*	*12/05/22 20:56*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*12/01/22 14:07*	*12/05/22 20:56*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		23	6.1	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Antimony	ND		2.3	0.41	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP12 Lab Sample ID: 180-148504-5

Date Collected: 11/29/22 00:00 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 84.5**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		1.7	0.36	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Barium	110		23	0.41	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Beryllium	0.51	J	0.57	0.061	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Cadmium	0.14	J	0.57	0.055	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Calcium	1400		570	41	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Chromium	13		1.1	0.39	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Cobalt	9.9		1.1	0.23	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Copper	14	B	2.8	0.27	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Iron	20000		23	7.9	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Lead	14		1.1	0.32	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Magnesium	2600		570	52	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Manganese	540		1.7	1.3	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Nickel	22		4.5	0.27	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Potassium	1000		570	90	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Selenium	ND		2.3	0.53	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Silver	ND		1.1	0.092	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Sodium	980		570	71	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Thallium	ND		2.3	0.45	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Vanadium	14		5.7	0.93	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1
Zinc	64		5.7	1.6	mg/Kg	☼	11/30/22 14:00	12/01/22 13:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	J	0.11	0.020	mg/Kg	☼	11/30/22 14:00	12/01/22 14:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	15.5		1.0	1.0	%			11/30/22 20:08	1
Percent Solids (EPA Moisture)	84.5		1.0	1.0	%			11/30/22 20:08	1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-880785/7
Matrix: Solid
Analysis Batch: 880785

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			12/01/22 19:54	1
Benzene	ND		1.0	0.26	ug/Kg			12/01/22 19:54	1
Bromoform	ND		1.0	0.43	ug/Kg			12/01/22 19:54	1
Bromomethane	ND		2.0	1.0	ug/Kg			12/01/22 19:54	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			12/01/22 19:54	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			12/01/22 19:54	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			12/01/22 19:54	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			12/01/22 19:54	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			12/01/22 19:54	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			12/01/22 19:54	1
Chloroethane	ND		1.0	0.52	ug/Kg			12/01/22 19:54	1
Chloroform	ND		1.0	0.97	ug/Kg			12/01/22 19:54	1
Chloromethane	ND		1.0	0.44	ug/Kg			12/01/22 19:54	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			12/01/22 19:54	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			12/01/22 19:54	1
Cyclohexane	ND		1.0	0.22	ug/Kg			12/01/22 19:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			12/01/22 19:54	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			12/01/22 19:54	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			12/01/22 19:54	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			12/01/22 19:54	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			12/01/22 19:54	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			12/01/22 19:54	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			12/01/22 19:54	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			12/01/22 19:54	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			12/01/22 19:54	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			12/01/22 19:54	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			12/01/22 19:54	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			12/01/22 19:54	1
1,4-Dioxane	ND		100	9.2	ug/Kg			12/01/22 19:54	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			12/01/22 19:54	1
2-Hexanone	ND		5.0	1.7	ug/Kg			12/01/22 19:54	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			12/01/22 19:54	1
Methyl acetate	ND		5.0	4.3	ug/Kg			12/01/22 19:54	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			12/01/22 19:54	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			12/01/22 19:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			12/01/22 19:54	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			12/01/22 19:54	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			12/01/22 19:54	1
o-Xylene	ND		1.0	0.19	ug/Kg			12/01/22 19:54	1
Styrene	ND		1.0	0.28	ug/Kg			12/01/22 19:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			12/01/22 19:54	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			12/01/22 19:54	1
Toluene	ND		1.0	0.23	ug/Kg			12/01/22 19:54	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			12/01/22 19:54	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			12/01/22 19:54	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			12/01/22 19:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			12/01/22 19:54	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			12/01/22 19:54	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-880785/7
Matrix: Solid
Analysis Batch: 880785

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			12/01/22 19:54	1
Trichloroethene	ND		1.0	0.32	ug/Kg			12/01/22 19:54	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			12/01/22 19:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			12/01/22 19:54	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			12/01/22 19:54	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			12/01/22 19:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*75 - 139*		*12/01/22 19:54*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 139*		*12/01/22 19:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*		*12/01/22 19:54*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*12/01/22 19:54*	*1*

Lab Sample ID: LCS 460-880785/4
Matrix: Solid
Analysis Batch: 880785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	92.0		ug/Kg		92	63 - 131
Benzene	20.0	16.9		ug/Kg		85	80 - 123
Bromoform	20.0	21.5		ug/Kg		108	70 - 125
Bromomethane	20.0	19.3		ug/Kg		97	64 - 150
2-Butanone (MEK)	100	112		ug/Kg		112	75 - 120
Carbon disulfide	20.0	19.8		ug/Kg		99	76 - 120
Carbon tetrachloride	20.0	21.9		ug/Kg		109	77 - 121
Chlorobenzene	20.0	19.8		ug/Kg		99	80 - 120
Chlorobromomethane	20.0	22.5		ug/Kg		113	76 - 127
Chlorodibromomethane	20.0	20.5		ug/Kg		102	80 - 120
Chloroethane	20.0	16.4		ug/Kg		82	68 - 132
Chloroform	20.0	20.3		ug/Kg		101	79 - 126
Chloromethane	20.0	12.7		ug/Kg		64	63 - 130
cis-1,2-Dichloroethene	20.0	20.2		ug/Kg		101	80 - 123
cis-1,3-Dichloropropene	20.0	17.4		ug/Kg		87	80 - 120
Cyclohexane	20.0	20.1		ug/Kg		100	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	22.9		ug/Kg		114	60 - 124
1,2-Dibromoethane	20.0	20.4		ug/Kg		102	79 - 120
1,2-Dichlorobenzene	20.0	20.0		ug/Kg		100	80 - 120
1,3-Dichlorobenzene	20.0	19.4		ug/Kg		97	80 - 120
1,4-Dichlorobenzene	20.0	19.9		ug/Kg		99	80 - 120
Dichlorobromomethane	20.0	19.7		ug/Kg		99	73 - 124
Dichlorodifluoromethane	20.0	15.4		ug/Kg		77	62 - 150
1,1-Dichloroethane	20.0	18.5		ug/Kg		92	77 - 129
1,2-Dichloroethane	20.0	18.9		ug/Kg		95	75 - 123
1,1-Dichloroethene	20.0	22.3		ug/Kg		111	70 - 132
1,2-Dichloroethene, Total	40.0	42.7		ug/Kg		107	79 - 125
1,2-Dichloropropane	20.0	17.6		ug/Kg		88	73 - 124
1,4-Dioxane	400	402		ug/Kg		101	80 - 136
Ethylbenzene	20.0	19.1		ug/Kg		96	76 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-880785/4 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 880785

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	100	106		ug/Kg		106	70 - 128
Isopropylbenzene	20.0	19.3		ug/Kg		96	80 - 120
Methyl acetate	40.0	31.7		ug/Kg		79	58 - 143
Methylcyclohexane	20.0	19.8		ug/Kg		99	70 - 133
Methylene Chloride	20.0	20.8		ug/Kg		104	76 - 120
4-Methyl-2-pentanone (MIBK)	100	101		ug/Kg		101	80 - 122
Methyl tert-butyl ether	20.0	19.8		ug/Kg		99	80 - 125
m-Xylene & p-Xylene	20.0	19.2		ug/Kg		96	80 - 120
o-Xylene	20.0	18.8		ug/Kg		94	80 - 120
Styrene	20.0	19.4		ug/Kg		97	80 - 120
1,1,2,2-Tetrachloroethane	20.0	16.7		ug/Kg		84	66 - 123
Tetrachloroethene	20.0	21.0		ug/Kg		105	78 - 123
Toluene	20.0	18.2		ug/Kg		91	80 - 120
trans-1,2-Dichloroethene	20.0	22.5		ug/Kg		113	78 - 120
trans-1,3-Dichloropropene	20.0	18.8		ug/Kg		94	80 - 120
1,2,3-Trichlorobenzene	20.0	20.5		ug/Kg		102	44 - 120
1,2,4-Trichlorobenzene	20.0	19.5		ug/Kg		98	68 - 150
1,1,1-Trichloroethane	20.0	21.2		ug/Kg		106	78 - 120
1,1,2-Trichloroethane	20.0	19.7		ug/Kg		98	80 - 120
Trichloroethene	20.0	20.1		ug/Kg		100	79 - 120
Trichlorofluoromethane	20.0	20.6		ug/Kg		103	76 - 142
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.9		ug/Kg		119	75 - 141
Vinyl chloride	20.0	14.8		ug/Kg		74	72 - 131
Xylenes, Total	40.0	38.0		ug/Kg		95	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*88*		*75 - 139*
Dibromofluoromethane (Surr)	*97*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 145*
Toluene-d8 (Surr)	*85*		*80 - 120*

Lab Sample ID: LCSD 460-880785/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 880785

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	100	99.2		ug/Kg		99	63 - 131	7	30
Benzene	20.0	17.4		ug/Kg		87	80 - 123	3	30
Bromoform	20.0	21.4		ug/Kg		107	70 - 125	0	30
Bromomethane	20.0	20.3		ug/Kg		102	64 - 150	5	30
2-Butanone (MEK)	100	116		ug/Kg		116	75 - 120	3	30
Carbon disulfide	20.0	19.1		ug/Kg		96	76 - 120	3	30
Carbon tetrachloride	20.0	23.7		ug/Kg		119	77 - 121	8	30
Chlorobenzene	20.0	20.2		ug/Kg		101	80 - 120	2	30
Chlorobromomethane	20.0	23.7		ug/Kg		119	76 - 127	5	30
Chlorodibromomethane	20.0	21.0		ug/Kg		105	80 - 120	2	30
Chloroethane	20.0	17.3		ug/Kg		86	68 - 132	5	30
Chloroform	20.0	21.0		ug/Kg		105	79 - 126	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-880785/5
Matrix: Solid
Analysis Batch: 880785

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			20.0	13.7		ug/Kg		68	63 - 130	7	30
cis-1,2-Dichloroethene			20.0	21.7		ug/Kg		109	80 - 123	7	30
cis-1,3-Dichloropropene			20.0	17.2		ug/Kg		86	80 - 120	1	30
Cyclohexane			20.0	20.6		ug/Kg		103	70 - 132	2	30
1,2-Dibromo-3-Chloropropane			20.0	20.2		ug/Kg		101	60 - 124	13	30
1,2-Dibromoethane			20.0	19.4		ug/Kg		97	79 - 120	5	30
1,2-Dichlorobenzene			20.0	19.7		ug/Kg		98	80 - 120	2	30
1,3-Dichlorobenzene			20.0	19.0		ug/Kg		95	80 - 120	2	30
1,4-Dichlorobenzene			20.0	19.4		ug/Kg		97	80 - 120	2	30
Dichlorobromomethane			20.0	20.0		ug/Kg		100	73 - 124	1	30
Dichlorodifluoromethane			20.0	17.4		ug/Kg		87	62 - 150	12	30
1,1-Dichloroethane			20.0	18.8		ug/Kg		94	77 - 129	2	30
1,2-Dichloroethane			20.0	19.9		ug/Kg		100	75 - 123	5	30
1,1-Dichloroethene			20.0	21.8		ug/Kg		109	70 - 132	2	30
1,2-Dichloroethene, Total			40.0	43.2		ug/Kg		108	79 - 125	1	30
1,2-Dichloropropane			20.0	18.0		ug/Kg		90	73 - 124	2	30
1,4-Dioxane			400	465		ug/Kg		116	80 - 136	15	30
Ethylbenzene			20.0	19.7		ug/Kg		98	76 - 120	3	30
2-Hexanone			100	105		ug/Kg		105	70 - 128	1	30
Isopropylbenzene			20.0	19.6		ug/Kg		98	80 - 120	2	30
Methyl acetate			40.0	26.0		ug/Kg		65	58 - 143	20	30
Methylcyclohexane			20.0	20.1		ug/Kg		101	70 - 133	2	30
Methylene Chloride			20.0	19.9		ug/Kg		99	76 - 120	5	30
4-Methyl-2-pentanone (MIBK)			100	103		ug/Kg		103	80 - 122	2	30
Methyl tert-butyl ether			20.0	19.8		ug/Kg		99	80 - 125	0	30
m-Xylene & p-Xylene			20.0	19.6		ug/Kg		98	80 - 120	2	30
o-Xylene			20.0	19.0		ug/Kg		95	80 - 120	1	30
Styrene			20.0	19.8		ug/Kg		99	80 - 120	2	30
1,1,2,2-Tetrachloroethane			20.0	15.8		ug/Kg		79	66 - 123	6	30
Tetrachloroethene			20.0	21.2		ug/Kg		106	78 - 123	1	30
Toluene			20.0	17.9		ug/Kg		90	80 - 120	2	30
trans-1,2-Dichloroethene			20.0	21.5		ug/Kg		107	78 - 120	5	30
trans-1,3-Dichloropropene			20.0	17.5		ug/Kg		88	80 - 120	7	30
1,2,3-Trichlorobenzene			20.0	19.1		ug/Kg		96	44 - 120	7	30
1,2,4-Trichlorobenzene			20.0	18.3		ug/Kg		91	68 - 150	7	30
1,1,1-Trichloroethane			20.0	22.8		ug/Kg		114	78 - 120	7	30
1,1,2-Trichloroethane			20.0	19.3		ug/Kg		97	80 - 120	2	30
Trichloroethene			20.0	21.1		ug/Kg		105	79 - 120	5	30
Trichlorofluoromethane			20.0	22.1		ug/Kg		110	76 - 142	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.9		ug/Kg		114	75 - 141	4	30
Vinyl chloride			20.0	15.7		ug/Kg		78	72 - 131	6	30
Xylenes, Total			40.0	38.6		ug/Kg		96	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*75 - 139*
Dibromofluoromethane (Surr)	*122*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 145*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-880785/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 880785

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	103		80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-880649/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 880678 **Prep Batch: 880649**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		330	9.4	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Acenaphthylene	ND		330	9.5	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Acetophenone	ND		330	16	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Anthracene	ND		330	10	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Atrazine	ND		130	19	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Benzaldehyde	ND		330	55	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Benzo[a]anthracene	ND		33	12	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Benzo[a]pyrene	ND		33	8.8	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Benzo[b]fluoranthene	ND		33	8.6	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Benzo[g,h,i]perylene	ND		330	9.8	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Benzo[k]fluoranthene	ND		33	6.5	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
1,1'-Biphenyl	ND		330	12	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Bis(2-chloroethoxy)methane	ND		330	26	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Bis(2-chloroethyl)ether	ND		33	12	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Bis(2-ethylhexyl) phthalate	ND		330	17	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
4-Bromophenyl phenyl ether	ND		330	13	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Butyl benzyl phthalate	ND		330	16	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Caprolactam	ND		330	51	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Carbazole	ND		330	13	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
4-Chloroaniline	ND		330	59	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
4-Chloro-3-methylphenol	ND		330	19	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2-Chloronaphthalene	ND		330	15	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2-Chlorophenol	ND		330	12	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
4-Chlorophenyl phenyl ether	ND		330	12	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Chrysene	ND		330	5.6	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Dibenz(a,h)anthracene	ND		33	14	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Dibenzofuran	ND		330	11	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
3,3'-Dichlorobenzidine	ND		130	50	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2,4-Dichlorophenol	ND		130	21	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Diethyl phthalate	ND		330	11	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2,4-Dimethylphenol	ND		330	39	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Dimethyl phthalate	ND		330	75	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Di-n-butyl phthalate	ND		330	12	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2,4-Dinitrophenol	ND		270	160	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2,4-Dinitrotoluene	ND		67	36	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2,6-Dinitrotoluene	ND		67	24	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Di-n-octyl phthalate	ND		330	18	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
1,4-Dioxane	ND		33	29	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Fluoranthene	ND		330	12	ug/Kg		11/30/22 23:24	12/01/22 06:53	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-880649/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 880678 **Prep Batch: 880649**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		330	9.7	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Hexachlorobenzene	ND		33	16	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Hexachlorobutadiene	ND		67	7.0	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Hexachlorocyclopentadiene	ND		330	29	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Hexachloroethane	ND		33	11	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Indeno[1,2,3-cd]pyrene	ND		33	13	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Isophorone	ND		130	96	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2-Methylnaphthalene	ND		330	9.3	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2-Methylphenol	ND		330	12	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Methylphenol, 3 & 4	ND		330	21	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Naphthalene	ND		330	5.7	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2-Nitroaniline	ND		330	25	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
3-Nitroaniline	ND		330	79	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
4-Nitroaniline	ND		330	38	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Nitrobenzene	ND		33	18	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2-Nitrophenol	ND		330	33	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
4-Nitrophenol	ND		670	54	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
N-Nitrosodi-n-propylamine	ND		33	24	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
N-Nitrosodiphenylamine	ND		330	27	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2,2'-oxybis[1-chloropropane]	ND		330	6.0	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Pentachlorophenol	ND		270	68	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Phenanthrene	ND		330	5.8	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Phenol	ND		330	12	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
Pyrene	ND		330	8.2	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
1,2,4,5-Tetrachlorobenzene	ND		330	10	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2,3,4,6-Tetrachlorophenol	ND		330	22	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2,4,5-Trichlorophenol	ND		330	34	ug/Kg		11/30/22 23:24	12/01/22 06:53	1
2,4,6-Trichlorophenol	ND		130	42	ug/Kg		11/30/22 23:24	12/01/22 06:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*22 - 122*	*11/30/22 23:24*	*12/01/22 06:53*	*1*
2-Fluorophenol (Surr)	*77*		*18 - 123*	*11/30/22 23:24*	*12/01/22 06:53*	*1*
Nitrobenzene-d5 (Surr)	*85*		*16 - 125*	*11/30/22 23:24*	*12/01/22 06:53*	*1*
Phenol-d5 (Surr)	*77*		*23 - 120*	*11/30/22 23:24*	*12/01/22 06:53*	*1*
Terphenyl-d14 (Surr)	*95*		*25 - 126*	*11/30/22 23:24*	*12/01/22 06:53*	*1*
2,4,6-Tribromophenol (Surr)	*108*		*10 - 123*	*11/30/22 23:24*	*12/01/22 06:53*	*1*

Lab Sample ID: LCS 460-880649/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 880678 **Prep Batch: 880649**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3330	3160		ug/Kg		95	49 - 120
Acenaphthylene	3330	2980		ug/Kg		89	64 - 120
Acetophenone	3330	2770		ug/Kg		83	61 - 120
Anthracene	3330	3040		ug/Kg		91	67 - 120
Atrazine	1330	1430		ug/Kg		107	29 - 150
Benzaldehyde	1330	1160		ug/Kg		87	34 - 150

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-880649/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 880678 **Prep Batch: 880649**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	3330	3090		ug/Kg		93	62 - 120
Benzo[a]pyrene	3330	2840		ug/Kg		85	73 - 123
Benzo[b]fluoranthene	3330	3170		ug/Kg		95	70 - 125
Benzo[g,h,i]perylene	3330	3070		ug/Kg		92	66 - 120
Benzo[k]fluoranthene	3330	3200		ug/Kg		96	67 - 122
1,1'-Biphenyl	3330	3040		ug/Kg		91	59 - 120
Bis(2-chloroethoxy)methane	3330	2840		ug/Kg		85	62 - 120
Bis(2-chloroethyl)ether	3330	2830		ug/Kg		85	60 - 120
Bis(2-ethylhexyl) phthalate	3330	3290		ug/Kg		99	59 - 125
4-Bromophenyl phenyl ether	3330	3150		ug/Kg		94	67 - 120
Butyl benzyl phthalate	3330	3550		ug/Kg		107	62 - 127
Caprolactam	1330	1240		ug/Kg		93	36 - 150
Carbazole	3330	3040		ug/Kg		91	64 - 120
4-Chloroaniline	3330	2820		ug/Kg		85	15 - 128
4-Chloro-3-methylphenol	3330	3010		ug/Kg		90	66 - 120
2-Chloronaphthalene	3330	3130		ug/Kg		94	60 - 120
2-Chlorophenol	3330	2810		ug/Kg		84	63 - 120
4-Chlorophenyl phenyl ether	3330	3130		ug/Kg		94	62 - 120
Chrysene	3330	2960		ug/Kg		89	63 - 120
Dibenz(a,h)anthracene	3330	3260		ug/Kg		98	66 - 128
Dibenzofuran	3330	3140		ug/Kg		94	61 - 120
3,3'-Dichlorobenzidine	3330	3110		ug/Kg		93	13 - 136
2,4-Dichlorophenol	3330	3010		ug/Kg		90	66 - 120
Diethyl phthalate	3330	3180		ug/Kg		95	63 - 120
2,4-Dimethylphenol	3330	2930		ug/Kg		88	67 - 120
Dimethyl phthalate	3330	3190		ug/Kg		96	65 - 120
Di-n-butyl phthalate	3330	3210		ug/Kg		96	66 - 120
4,6-Dinitro-2-methylphenol	6670	7920		ug/Kg		119	50 - 136
2,4-Dinitrophenol	6670	8320		ug/Kg		125	36 - 129
2,4-Dinitrotoluene	3330	3540		ug/Kg		106	65 - 124
2,6-Dinitrotoluene	3330	3510		ug/Kg		105	67 - 121
Di-n-octyl phthalate	3330	3160		ug/Kg		95	65 - 133
1,4-Dioxane	3330	2590		ug/Kg		78	21 - 120
Fluoranthene	3330	3080		ug/Kg		92	61 - 120
Fluorene	3330	3200		ug/Kg		96	60 - 120
Hexachlorobenzene	3330	3250		ug/Kg		98	66 - 120
Hexachlorobutadiene	3330	2890		ug/Kg		87	62 - 120
Hexachlorocyclopentadiene	3330	2370		ug/Kg		71	38 - 120
Hexachloroethane	3330	2800		ug/Kg		84	61 - 120
Indeno[1,2,3-cd]pyrene	3330	3190		ug/Kg		96	62 - 130
Isophorone	3330	2860		ug/Kg		86	67 - 120
2-Methylnaphthalene	3330	2680		ug/Kg		80	64 - 120
2-Methylphenol	3330	2830		ug/Kg		85	63 - 120
Methylphenol, 3 & 4	3330	2840		ug/Kg		85	61 - 120
Naphthalene	3330	2880		ug/Kg		86	63 - 120
2-Nitroaniline	3330	3410		ug/Kg		102	48 - 120
3-Nitroaniline	3330	3440		ug/Kg		103	39 - 122
4-Nitroaniline	3330	3330		ug/Kg		100	55 - 120
Nitrobenzene	3330	3110		ug/Kg		93	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-880649/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 880678 **Prep Batch: 880649**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2-Nitrophenol			3330	3560		ug/Kg		107	64 - 120		
4-Nitrophenol			6670	6510		ug/Kg		98	52 - 123		
N-Nitrosodi-n-propylamine			3330	2910		ug/Kg		87	61 - 120		
N-Nitrosodiphenylamine			3330	3050		ug/Kg		92	63 - 120		
2,2'-oxybis[1-chloropropane]			3330	2670		ug/Kg		80	49 - 126		
Pentachlorophenol			6670	7380		ug/Kg		111	37 - 126		
Phenanthrene			3330	3010		ug/Kg		90	66 - 120		
Phenol			3330	2750		ug/Kg		83	63 - 120		
Pyrene			3330	3120		ug/Kg		94	61 - 121		
1,2,4,5-Tetrachlorobenzene			3330	3130		ug/Kg		94	60 - 120		
2,3,4,6-Tetrachlorophenol			3330	3570		ug/Kg		107	54 - 120		
2,4,5-Trichlorophenol			3330	3270		ug/Kg		98	59 - 120		
2,4,6-Trichlorophenol			3330	3240		ug/Kg		97	58 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*83*		*22 - 122*
2-Fluorophenol (Surr)	*76*		*18 - 123*
Nitrobenzene-d5 (Surr)	*83*		*16 - 125*
Phenol-d5 (Surr)	*76*		*23 - 120*
Terphenyl-d14 (Surr)	*90*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*113*		*10 - 123*

Lab Sample ID: LCSD 460-880649/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 880678 **Prep Batch: 880649**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			3330	2810		ug/Kg		84	49 - 120	12	30
Acenaphthylene			3330	2650		ug/Kg		80	64 - 120	12	30
Acetophenone			3330	2440		ug/Kg		73	61 - 120	13	30
Anthracene			3330	2720		ug/Kg		82	67 - 120	11	30
Atrazine			1330	1310		ug/Kg		98	29 - 150	9	30
Benzaldehyde			1330	1020		ug/Kg		77	34 - 150	12	30
Benzo[a]anthracene			3330	2850		ug/Kg		86	62 - 120	8	30
Benzo[a]pyrene			3330	2610		ug/Kg		78	73 - 123	9	30
Benzo[b]fluoranthene			3330	2930		ug/Kg		88	70 - 125	8	30
Benzo[g,h,i]perylene			3330	2800		ug/Kg		84	66 - 120	9	30
Benzo[k]fluoranthene			3330	2910		ug/Kg		87	67 - 122	9	30
1,1'-Biphenyl			3330	2700		ug/Kg		81	59 - 120	12	30
Bis(2-chloroethoxy)methane			3330	2550		ug/Kg		77	62 - 120	11	30
Bis(2-chloroethyl)ether			3330	2480		ug/Kg		74	60 - 120	13	30
Bis(2-ethylhexyl) phthalate			3330	3050		ug/Kg		91	59 - 125	8	30
4-Bromophenyl phenyl ether			3330	2840		ug/Kg		85	67 - 120	10	30
Butyl benzyl phthalate			3330	3260		ug/Kg		98	62 - 127	9	30
Caprolactam			1330	1140		ug/Kg		86	36 - 150	8	30
Carbazole			3330	2750		ug/Kg		83	64 - 120	10	30
4-Chloroaniline			3330	2510		ug/Kg		75	15 - 128	12	30
4-Chloro-3-methylphenol			3330	2660		ug/Kg		80	66 - 120	12	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-880649/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 880678 **Prep Batch: 880649**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chloronaphthalene	3330	2770		ug/Kg		83	60 - 120	12	30
2-Chlorophenol	3330	2480		ug/Kg		74	63 - 120	12	30
4-Chlorophenyl phenyl ether	3330	2830		ug/Kg		85	62 - 120	10	30
Chrysene	3330	2720		ug/Kg		82	63 - 120	8	30
Dibenz(a,h)anthracene	3330	2960		ug/Kg		89	66 - 128	10	30
Dibenzofuran	3330	2830		ug/Kg		85	61 - 120	11	30
3,3'-Dichlorobenzidine	3330	3020		ug/Kg		91	13 - 136	3	30
2,4-Dichlorophenol	3330	2700		ug/Kg		81	66 - 120	11	30
Diethyl phthalate	3330	2900		ug/Kg		87	63 - 120	9	30
2,4-Dimethylphenol	3330	2630		ug/Kg		79	67 - 120	11	30
Dimethyl phthalate	3330	2900		ug/Kg		87	65 - 120	9	30
Di-n-butyl phthalate	3330	2880		ug/Kg		86	66 - 120	11	30
4,6-Dinitro-2-methylphenol	6670	7450		ug/Kg		112	50 - 136	6	30
2,4-Dinitrophenol	6670	7590		ug/Kg		114	36 - 129	9	30
2,4-Dinitrotoluene	3330	3230		ug/Kg		97	65 - 124	9	30
2,6-Dinitrotoluene	3330	3190		ug/Kg		96	67 - 121	10	30
Di-n-octyl phthalate	3330	2910		ug/Kg		87	65 - 133	8	30
1,4-Dioxane	3330	2240		ug/Kg		67	21 - 120	15	30
Fluoranthene	3330	2780		ug/Kg		84	61 - 120	10	30
Fluorene	3330	2870		ug/Kg		86	60 - 120	11	30
Hexachlorobenzene	3330	2940		ug/Kg		88	66 - 120	10	30
Hexachlorobutadiene	3330	2540		ug/Kg		76	62 - 120	13	30
Hexachlorocyclopentadiene	3330	2120		ug/Kg		64	38 - 120	11	30
Hexachloroethane	3330	2460		ug/Kg		74	61 - 120	13	30
Indeno[1,2,3-cd]pyrene	3330	2910		ug/Kg		87	62 - 130	9	30
Isophorone	3330	2580		ug/Kg		77	67 - 120	10	30
2-Methylnaphthalene	3330	2400		ug/Kg		72	64 - 120	11	30
2-Methylphenol	3330	2490		ug/Kg		75	63 - 120	13	30
Methylphenol, 3 & 4	3330	2500		ug/Kg		75	61 - 120	13	30
Naphthalene	3330	2560		ug/Kg		77	63 - 120	12	30
2-Nitroaniline	3330	3140		ug/Kg		94	48 - 120	8	30
3-Nitroaniline	3330	3180		ug/Kg		96	39 - 122	8	30
4-Nitroaniline	3330	3090		ug/Kg		93	55 - 120	8	30
Nitrobenzene	3330	2750		ug/Kg		83	63 - 120	12	30
2-Nitrophenol	3330	3230		ug/Kg		97	64 - 120	10	30
4-Nitrophenol	6670	6280		ug/Kg		94	52 - 123	4	30
N-Nitrosodi-n-propylamine	3330	2570		ug/Kg		77	61 - 120	13	30
N-Nitrosodiphenylamine	3330	2770		ug/Kg		83	63 - 120	10	30
2,2'-oxybis[1-chloropropane]	3330	2370		ug/Kg		71	49 - 126	12	30
Pentachlorophenol	6670	6490		ug/Kg		97	37 - 126	13	30
Phenanthrene	3330	2720		ug/Kg		82	66 - 120	10	30
Phenol	3330	2390		ug/Kg		72	63 - 120	14	30
Pyrene	3330	2900		ug/Kg		87	61 - 121	7	30
1,2,4,5-Tetrachlorobenzene	3330	2730		ug/Kg		82	60 - 120	14	30
2,3,4,6-Tetrachlorophenol	3330	3200		ug/Kg		96	54 - 120	11	30
2,4,5-Trichlorophenol	3330	2940		ug/Kg		88	59 - 120	11	30
2,4,6-Trichlorophenol	3330	2930		ug/Kg		88	58 - 120	10	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-880649/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 880678 **Prep Batch: 880649**

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	74		22 - 122
2-Fluorophenol (Surr)	65		18 - 123
Nitrobenzene-d5 (Surr)	75		16 - 125
Phenol-d5 (Surr)	66		23 - 120
Terphenyl-d14 (Surr)	82		25 - 126
2,4,6-Tribromophenol (Surr)	101		10 - 123

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-419578/1-C **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 419773 **Prep Batch: 419578**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		12/01/22 14:07	12/05/22 13:47	1
PCB-1221	ND		17	5.9	ug/Kg		12/01/22 14:07	12/05/22 13:47	1
PCB-1232	ND		17	4.1	ug/Kg		12/01/22 14:07	12/05/22 13:47	1
PCB-1242	ND		17	2.4	ug/Kg		12/01/22 14:07	12/05/22 13:47	1
PCB-1248	ND		17	4.0	ug/Kg		12/01/22 14:07	12/05/22 13:47	1
PCB-1254	ND		17	5.0	ug/Kg		12/01/22 14:07	12/05/22 13:47	1
PCB-1260	ND		17	4.7	ug/Kg		12/01/22 14:07	12/05/22 13:47	1
PCB-1262	ND		17	5.9	ug/Kg		12/01/22 14:07	12/05/22 13:47	1
PCB-1268	ND		17	2.2	ug/Kg		12/01/22 14:07	12/05/22 13:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	97		63 - 138	12/01/22 14:07	12/05/22 13:47	1
DCB Decachlorobiphenyl (Surr)	96		63 - 138	12/01/22 14:07	12/05/22 13:47	1
Tetrachloro-m-xylene (Surr)	100		55 - 135	12/01/22 14:07	12/05/22 13:47	1
Tetrachloro-m-xylene (Surr)	96		55 - 135	12/01/22 14:07	12/05/22 13:47	1

Lab Sample ID: LCS 180-419578/2-C **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 419773 **Prep Batch: 419578**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1190		ug/Kg		89	43 - 136		
PCB-1260			1330	1340		ug/Kg		101	55 - 128		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	93		63 - 138
DCB Decachlorobiphenyl (Surr)	95		63 - 138
Tetrachloro-m-xylene (Surr)	98		55 - 135
Tetrachloro-m-xylene (Surr)	95		55 - 135

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-554003/1-A
Matrix: Solid
Analysis Batch: 554189

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 554003

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.3	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Antimony	ND		2.0	0.36	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Arsenic	ND		1.5	0.32	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Barium	ND		20	0.36	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Beryllium	ND		0.50	0.054	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Cadmium	ND		0.50	0.048	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Calcium	ND		500	36	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Chromium	ND		1.0	0.34	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Cobalt	ND		1.0	0.20	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Copper	0.701	J	2.5	0.24	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Iron	ND		20	6.9	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Lead	ND		1.0	0.28	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Magnesium	ND		500	46	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Manganese	ND		1.5	1.1	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Nickel	ND		4.0	0.23	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Potassium	ND		500	79	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Selenium	ND		2.0	0.47	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Silver	ND		1.0	0.081	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Sodium	ND		500	63	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Thallium	ND		2.0	0.40	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Vanadium	ND		5.0	0.82	mg/Kg		11/30/22 14:00	12/01/22 11:18	1
Zinc	ND		5.0	1.4	mg/Kg		11/30/22 14:00	12/01/22 11:18	1

Lab Sample ID: LCS 240-554003/2-A
Matrix: Solid
Analysis Batch: 554189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 554003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	1000	942		mg/Kg		94	80 - 120
Antimony	100	101		mg/Kg		101	80 - 120
Arsenic	200	200		mg/Kg		100	80 - 120
Barium	200	181		mg/Kg		91	80 - 120
Beryllium	100	96.1		mg/Kg		96	80 - 120
Cadmium	100	100		mg/Kg		100	80 - 120
Calcium	5000	4700		mg/Kg		94	80 - 120
Chromium	100	95.1		mg/Kg		95	80 - 120
Cobalt	100	97.5		mg/Kg		98	80 - 120
Copper	100	93.1		mg/Kg		93	80 - 120
Iron	1000	944		mg/Kg		94	80 - 120
Lead	100	93.8		mg/Kg		94	80 - 120
Magnesium	5000	4510		mg/Kg		90	80 - 120
Manganese	100	96.9		mg/Kg		97	80 - 120
Nickel	100	98.0		mg/Kg		98	80 - 120
Potassium	5000	4650		mg/Kg		93	80 - 120
Selenium	200	195		mg/Kg		98	80 - 120
Silver	10.0	9.94		mg/Kg		99	80 - 120
Sodium	5000	4700		mg/Kg		94	80 - 120
Thallium	200	194		mg/Kg		97	80 - 120
Vanadium	100	94.7		mg/Kg		95	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-554003/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 554189 **Prep Batch: 554003**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	100	99.3		mg/Kg		99	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-554004/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 554201 **Prep Batch: 554004**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		11/30/22 14:00	12/01/22 13:45	1

Lab Sample ID: LCS 240-554004/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 554201 **Prep Batch: 554004**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.816		mg/Kg		98	80 - 120

Method: Moisture - Percent Moisture

Lab Sample ID: 180-148504-5 DU **Client Sample ID: SSHS-IRM5A2-SCV-DUP12**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 880627

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	15.5		13.9		%		11	20
Percent Solids	84.5		86.1		%		2	20

GC/MS VOA

Prep Batch: 880626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	5035	
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	5035	
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	5035	
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	5035	
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	5035	

Analysis Batch: 880785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	8260D	880626
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	8260D	880626
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	8260D	880626
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	8260D	880626
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	8260D	880626
MB 460-880785/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-880785/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-880785/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 880649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	3546	
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	3546	
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	3546	
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	3546	
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	3546	
MB 460-880649/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-880649/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-880649/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 880678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	8270E	880649
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	8270E	880649
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	8270E	880649
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	8270E	880649
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	8270E	880649
MB 460-880649/1-A	Method Blank	Total/NA	Solid	8270E	880649
LCS 460-880649/2-A	Lab Control Sample	Total/NA	Solid	8270E	880649
LCSD 460-880649/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	880649

GC Semi VOA

Prep Batch: 419578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	3541	
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	3541	
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	3541	
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	3541	
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	3541	
MB 180-419578/1-C	Method Blank	Total/NA	Solid	3541	
LCS 180-419578/2-C	Lab Control Sample	Total/NA	Solid	3541	

GC Semi VOA

Cleanup Batch: 419770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	3665A	419578
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	3665A	419578
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	3665A	419578
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	3665A	419578
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	3665A	419578
MB 180-419578/1-C	Method Blank	Total/NA	Solid	3665A	419578
LCS 180-419578/2-C	Lab Control Sample	Total/NA	Solid	3665A	419578

Cleanup Batch: 419771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	3660B	419770
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	3660B	419770
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	3660B	419770
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	3660B	419770
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	3660B	419770
MB 180-419578/1-C	Method Blank	Total/NA	Solid	3660B	419770
LCS 180-419578/2-C	Lab Control Sample	Total/NA	Solid	3660B	419770

Analysis Batch: 419773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	EPA 8082A	419771
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	EPA 8082A	419771
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	EPA 8082A	419771
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	EPA 8082A	419771
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	EPA 8082A	419771
MB 180-419578/1-C	Method Blank	Total/NA	Solid	EPA 8082A	419771
LCS 180-419578/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	419771

Metals

Prep Batch: 554003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	3050B	
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	3050B	
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	3050B	
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	3050B	
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	3050B	
MB 240-554003/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-554003/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 554004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	7471B	
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	7471B	
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	7471B	
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	7471B	
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	7471B	
MB 240-554004/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-554004/2-A	Lab Control Sample	Total/NA	Solid	7471B	

QC Association Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Metals

Analysis Batch: 554189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	6010D	554003
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	6010D	554003
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	6010D	554003
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	6010D	554003
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	6010D	554003
MB 240-554003/1-A	Method Blank	Total/NA	Solid	6010D	554003
LCS 240-554003/2-A	Lab Control Sample	Total/NA	Solid	6010D	554003

Analysis Batch: 554201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	7471B	554004
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	7471B	554004
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	7471B	554004
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	7471B	554004
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	7471B	554004
MB 240-554004/1-A	Method Blank	Total/NA	Solid	7471B	554004
LCS 240-554004/2-A	Lab Control Sample	Total/NA	Solid	7471B	554004

General Chemistry

Analysis Batch: 880627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	Moisture	
180-148504-2	SSHS-IRM5A2-SCV25A-0.5-1	Total/NA	Solid	Moisture	
180-148504-3	SSHS-IRM5A2-SCV26A-0-0.5	Total/NA	Solid	Moisture	
180-148504-4	SSHS-IRM5A2-SCV26A-0.5-1	Total/NA	Solid	Moisture	
180-148504-5	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	Moisture	
180-148504-5 DU	SSHS-IRM5A2-SCV-DUP12	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins

Client Information	Sampler: Z. Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No.: 180-45857-9656 1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:	Analysis Requested
City: Columbia	TAT Requested (days): Standard	
State, Zip: MD, 21044	PO #: MN0832I	
Phone: 40-381-4333	WO #:	
Email: akrasnopoler@geosyntec.com	Project #: 18013464	
Project Name: Former Sperry Remington Site	SSOW#:	
Site:		

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV25A-0-0.5	11/29/22	1300	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV25A-0 5-1	11/29/22	1305	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV26A-0-0.5	11/29/22	1310	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV26A-0 5-1	11/29/22	1315	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP12	11/29/22	--	G	S	N	N	X	X	X	X			7	

180-148504 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Zach Miller	Date/Time: 11/29/22 17:30	Company: Geosyntec	Received by:	Date/Time: 11/30/22 1040	Company: EMT NE
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z. Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N								
SSHS-IRM5A2-SCV25A-0-0.5	11/29/22	1300	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV25A-0.5-1	11/29/22	1305	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV26A-0-0.5	11/29/22	1310	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV26A-0.5-1	11/29/22	1315	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP12	11/29/22	--	G	S	N	N	X	X	X	X									7	

180-148504 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Zach Miller	11/29/22 17:30	Geosyntec			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins - Canton Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client GEOSYNTEC Site Name _____ Cooler unpacked by: M. A. A.

Cooler Received on 11/30/22 Opened on 11/30/22

FedEx: 1st Grd (Exp) UPS FAS Clipper Client Drop Off Eurofins Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. 1.9 °C Corrected Cooler Temp. 2.6 °C
   IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	(Yes)	No
-Were the seals on the outside of the cooler(s) signed & dated?	(Yes)	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	(Yes)	No NA
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes)	No
7. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	(Y)	(Y) (N)
10. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
11. Sufficient quantity received to perform indicated analyses?	(Yes)	No
12. Are these work share samples and all listed on the COC?	Yes	(No)
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes No	(NA) pH Strip Lot# **HC286797**
14. Were VOAs on the COC?	Yes	(No)
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes No	(NA)
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	(No)
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	(No)

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z. Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:	Analysis Requested
City: Columbia	TAT Requested (days): Standard	
State, Zip: MD, 21044		
Phone: 40-381-4333	PO #: MN0832I	
Email: akrasnopoler@geosyntec.com	WO #:	
Project Name: Former Sperry Remington Site	Project #: 18013464	
Site:	SSOW#:	

180-148504 Chain of Custody

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV25A-0-0.5	11/29/22	1300	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV25A-0.5-1	11/29/22	1305	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV26A-0-0.5	11/29/22	1310	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV26A-0.5-1	11/29/22	1315	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP12	11/29/22	–	G	S	N	N	X	X	X	X										7	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Zach Miller	Date/Time: 11/29/22 17:30	Company: Geosyntec	Received by:	Date/Time: 11/30/22 1035	Company: EET SAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.6°C

Ver: 01/16/2019

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Pittsburgh, PA 15238
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Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z. Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #: 176504

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:
City: Columbia	TAT Requested (days): Standard
State, Zip: MD, 21044	
Phone: 40-381-4333	PO #: MN0832I
Email: akrasnopoler@geosyntec.com	WO #:
Project Name: Former Sperry Remington Site	Project #: 18013464
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

SHORT HOLD

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N								
SSHS-IRM5A2-SCV25A-0-0.5	11/29/22	1300	G	S	N	N	X	X	X	X	X	X							9	1
SSHS-IRM5A2-SCV25A-0.5-1	11/29/22	1305	G	S	N	N	X	X	X	X									7	2
SSHS-IRM5A2-SCV26A-0-0.5	11/29/22	1310	G	S	N	N	X	X	X	X									7	3
SSHS-IRM5A2-SCV26A-0.5-1	11/29/22	1315	G	S	N	N	X	X	X	X									7	4
SSHS-IRM5A2-SCV-DUP12	11/29/22	--	G	S	N	N	X	X	X	X									7	5

180-148504 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assess

☐ Return To Client ☐ Disposal By Lab

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx

Relinquished by: Zach Miller	Date/Time: 11/29/22 17:30	Company: Geosyntec	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Blavish	Date/Time: 11/30/22	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: IR9 2.3 a/ 2.3C IR9 3.1 a/ 3.1°a

Ver: 01/16/2019

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 148504

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.3 ℃	2.3 ℃	Cooler #4:	℃	℃	Cooler #7:	℃	℃
Cooler #2:	3.1 ℃	3.1 ℃	Cooler #5:	℃	℃	Cooler #8:	℃	℃
Cooler #3:	℃	℃	Cooler #6:	℃	℃	Cooler #9:	℃	℃

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ **Date:** 11/30/22

eurofins | Environment Testing TestAmerica

Sacramento
Sample Receiving Notes


180-148504 Field Sheet

Job: ___

Tracking # : 7705 8597 9316

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other ___

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: C03 Corr. Factor: (+ / -) ___ °C

Ice ___ Wet ___ Gel ___ Other ___

Cooler Custody Seal: —

Cooler ID: —

Temp Observed: 3.6 °C Corrected: 3.6 °C

From: Temp Blank ☐ Sample ☑

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 11/30/22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SO Date: 11.30.22

Notes: ___

Trizma Lot #(s): ___

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed? SO 11.30.22	☐	☐	☑
Log Release checked in TALS?	☐	☐	☑

Initials: SO Date: 11.30.22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-148504-1

Login Number: 148504
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-148504-1

Login Number: 148504
List Number: 2
Creator: Meyers, Gary

List Source: Eurofins Edison
List Creation: 11/30/22 02:33 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

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JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-147752-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
David Dunlap, Senior Project Manager
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Job ID: 180-147752-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-147752-1

Comments
Notation was made to the coc regarding the sample collection date.

Receipt
The samples were received on 11/11/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.9º C, 2.8º C, 3.0º C, 3.4º C, 5.3º C, 5.4º C, 5.4º C and 5.7º C.

GC/MS VOA
Method 8260D: The recovery of surrogate 1,2-Dichloroethane-d4 for the following samples was above the control limits: SSHS-IRM5A2-SCV67-0.17-1 (180-147752-1), SSHS-IRM5A2-SCV68-0-0.17 (180-147752-3), SSHS-IRM5A2-SCV68-0.17-1 (180-147752-4), SSHS-IRM5A2-SCV69-0.17-1 (180-147752-8), and SSHS-IRM5A2-SCV72-0-0.17 (180-147752-17). The laboratory's SOP allows one of the four surrogates to be outside acceptance criteria without performing re-analysis.

Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV72-1-2 (180-147752-19) had several recoveries outside of the control limits. The RPDs between the spikes were within the control limits. The internal standard (ISTD) response for 1,4-Dioxane-d8 was also below criteria for the matrix spike.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 460-878277 recovered slightly below the control limits for the following analyte: Methylene Chloride. As this analyte was within the control limits in the laboratory control sample (LCS) and was not detected in the associated samples, the results were reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for batch 460-879129 recovered above the control limits for the following analyte: 1,2-Dichloropropane. As this analyte was biased high in the LCSD and was not detected in the associated samples, the results were reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-878277 was below criteria for the following analytes: Chloromethane, Methyl acetate, and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV72-1-2 (180-147752-19) had several recoveries outside of the control limits. The RPDs between the spikes and the recoveries of the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) were within the control limits.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878224 was below criteria for the following analytes: Benzaldehyde and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878224 was above criteria for the following analytes: 3,3'-Dichlorobenzidine, 2,6-Dinitrotoluene, 2,4-Dinitrophenol, Atrazine, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, and Indeno[1,2,3-cd]pyrene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job ID: 180-147752-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

Metals

Method 6010D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM4-S093-6-8 (180-108500-6) had the recoveries of antimony, barium, calcium, and lead below the control limits. The RPDs between the spikes and the recoveries of the laboratory control sample were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	11-30-22

Laboratory: Eurofins Canton

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	04-01-23

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Sample Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Solid	11/10/22 15:05	11/11/22 09:00
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Solid	11/10/22 15:10	11/11/22 09:00
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Solid	11/10/22 15:15	11/11/22 09:00
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Solid	11/10/22 15:20	11/11/22 09:00
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Solid	11/10/22 15:25	11/11/22 09:00
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Solid	11/10/22 00:00	11/11/22 09:00
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Solid	11/10/22 15:30	11/11/22 09:00
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Solid	11/10/22 15:35	11/11/22 09:00
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Solid	11/10/22 15:40	11/11/22 09:00
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Solid	11/10/22 15:42	11/11/22 09:00
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Solid	11/10/22 15:50	11/11/22 09:00
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Solid	11/10/22 15:55	11/11/22 09:00
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Solid	11/10/22 16:00	11/11/22 09:00
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Solid	11/10/22 16:05	11/11/22 09:00
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Solid	11/10/22 16:10	11/11/22 09:00
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Solid	11/10/22 00:00	11/11/22 09:00
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Solid	11/10/22 16:15	11/11/22 09:00
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Solid	11/10/22 16:20	11/11/22 09:00
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Solid	11/10/22 16:25	11/11/22 09:00

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
6010D	Metals (ICP)	SW846	EET CAN
7471B	Mercury (CVAA)	SW846	EET CAN
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET CAN
3541	Automated Soxhlet Extraction	SW846	EET PIT
3546	Microwave Extraction	SW846	EET EDI
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV67-0.17-1 — Lab Sample ID: 180-147752-1

Date Collected: 11/10/22 15:05 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV67-0.17-1 — Lab Sample ID: 180-147752-1

Date Collected: 11/10/22 15:05 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 90.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.759 g	5 mL	877522	11/12/22 09:33	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/17/22 02:29	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.01 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 20:53	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 07:37	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.14 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 11:45	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.59 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 13:49	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV67-1-2 — Lab Sample ID: 180-147752-2

Date Collected: 11/10/22 15:10 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV67-1-2 — Lab Sample ID: 180-147752-2

Date Collected: 11/10/22 15:10 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 91.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.667 g	5 mL	877522	11/12/22 09:33	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/17/22 02:52	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.02 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 20:31	DXD	EET EDI
	Instrument ID: CBNAMS12									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV67-1-2 — Lab Sample ID: 180-147752-2

Date Collected: 11/10/22 15:10 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 91.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 07:56	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.33 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 11:50	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.58 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 13:51	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV68-0-0.17 — Lab Sample ID: 180-147752-3

Date Collected: 11/10/22 15:15 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV68-0-0.17 — Lab Sample ID: 180-147752-3

Date Collected: 11/10/22 15:15 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.386 g	5 mL	877522	11/12/22 09:34	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/17/22 03:14	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.01 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 17:55	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 08:14	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.08 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 11:54	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.67 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 13:53	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV68-0.17-1 Lab Sample ID: 180-147752-4

Date Collected: 11/10/22 15:20 **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV68-0.17-1 Lab Sample ID: 180-147752-4

Date Collected: 11/10/22 15:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.145 g	5 mL	877522	11/12/22 09:34	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/17/22 03:37	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.07 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 16:26	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 08:33	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.22 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 11:58	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.68 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 13:56	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV68-1-2 Lab Sample ID: 180-147752-5

Date Collected: 11/10/22 15:25 **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV68-1-2 Lab Sample ID: 180-147752-5

Date Collected: 11/10/22 15:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.06 g	5 mL	877522	11/12/22 09:34	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/17/22 03:59	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.03 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 17:11	DXD	EET EDI
	Instrument ID: CBNAMS12									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV68-1-2 — Lab Sample ID: 180-147752-5

Date Collected: 11/10/22 15:25 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 95.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 08:51	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.07 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 12:02	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.61 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 13:58	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV-DUP2 — Lab Sample ID: 180-147752-6

Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP2 — Lab Sample ID: 180-147752-6

Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 96.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.015 g	5 mL	877522	11/12/22 09:37	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 08:35	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.06 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 19:02	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 09:10	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.09 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 12:15	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.70 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:04	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV69-0-0.17 — Lab Sample ID: 180-147752-7

Date Collected: 11/10/22 15:30 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV69-0-0.17 — Lab Sample ID: 180-147752-7

Date Collected: 11/10/22 15:30 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 89.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.088 g	5 mL	877522	11/12/22 09:36	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 08:58	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.08 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 19:24	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 09:28	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.02 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 12:19	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.62 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:06	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV69-0.17-1 — Lab Sample ID: 180-147752-8

Date Collected: 11/10/22 15:35 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV69-0.17-1 — Lab Sample ID: 180-147752-8

Date Collected: 11/10/22 15:35 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 94.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.592 g	5 mL	877522	11/12/22 09:36	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 09:21	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.09 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 18:40	DXD	EET EDI
	Instrument ID: CBNAMS12									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV69-0.17-1 — Lab Sample ID: 180-147752-8

Date Collected: 11/10/22 15:35 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 94.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 09:47	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.30 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 12:23	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.57 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:08	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV69-1-2 — Lab Sample ID: 180-147752-9

Date Collected: 11/10/22 15:40 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV69-1-2 — Lab Sample ID: 180-147752-9

Date Collected: 11/10/22 15:40 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 93.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.21 g	5 mL	877522	11/12/22 09:36	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 09:44	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.09 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 22:44	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 10:05	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.46 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 12:28	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.65 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:11	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV70-0-0.17 — Lab Sample ID: 180-147752-10

Date Collected: 11/10/22 15:42 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV70-0-0.17 — Lab Sample ID: 180-147752-10

Date Collected: 11/10/22 15:42 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 87.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.376 g	5 mL	877522	11/12/22 09:35	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 10:07	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.04 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 21:38	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 10:24	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.14 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 12:32	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.51 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:13	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV70-0.17-1 — Lab Sample ID: 180-147752-11

Date Collected: 11/10/22 15:50 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV70-0.17-1 — Lab Sample ID: 180-147752-11

Date Collected: 11/10/22 15:50 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 96.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.62 g	5 mL	877522	11/12/22 09:35	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	878277	11/17/22 04:22	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.02 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 17:33	DXD	EET EDI
	Instrument ID: CBNAMS12									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV70-0.17-1 Lab Sample ID: 180-147752-11

Date Collected: 11/10/22 15:50 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 10:42	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.14 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 12:36	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.65 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:15	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV70-1-2 Lab Sample ID: 180-147752-12

Date Collected: 11/10/22 15:55 **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV70-1-2 Lab Sample ID: 180-147752-12

Date Collected: 11/10/22 15:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.338 g	5 mL	877522	11/12/22 09:37	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 10:30	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.04 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 22:00	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 11:01	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.13 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 12:45	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.58 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:17	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV71-0-0.17 — Lab Sample ID: 180-147752-13

Date Collected: 11/10/22 16:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV71-0-0.17 — Lab Sample ID: 180-147752-13

Date Collected: 11/10/22 16:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 87.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.975 g	5 mL	877522	11/12/22 09:38	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879239	11/22/22 07:33	EMM	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.01 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 22:22	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 11:19	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.21 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 12:49	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.60 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:19	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV71-0.17-1 — Lab Sample ID: 180-147752-14

Date Collected: 11/10/22 16:05 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV71-0.17-1 — Lab Sample ID: 180-147752-14

Date Collected: 11/10/22 16:05 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.789 g	5 mL	877522	11/12/22 09:38	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 12:48	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.05 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 16:48	DXD	EET EDI
	Instrument ID: CBNAMS12									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV71-0.17-1 — Lab Sample ID: 180-147752-14

Date Collected: 11/10/22 16:05 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 11:38	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.09 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 12:53	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.63 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:21	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV71-1-2 — Lab Sample ID: 180-147752-15

Date Collected: 11/10/22 16:10 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV71-1-2 — Lab Sample ID: 180-147752-15

Date Collected: 11/10/22 16:10 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 96.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.876 g	5 mL	877522	11/12/22 09:39	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 13:11	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.02 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 18:18	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 11:56	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.23 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 13:06	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.54 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:23	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV-DUP3 — Lab Sample ID: 180-147752-16
Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP3 — Lab Sample ID: 180-147752-16
Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.533 g	5 mL	877522	11/12/22 09:39	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 13:34	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.05 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 20:09	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 12:15	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.08 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 13:10	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.53 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:30	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV72-0-0.17 — Lab Sample ID: 180-147752-17
Date Collected: 11/10/22 16:15 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV72-0-0.17 — Lab Sample ID: 180-147752-17
Date Collected: 11/10/22 16:15 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 87.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.36 g	5 mL	877522	11/12/22 09:39	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 14:21	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.06 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 23:07	DXD	EET EDI
	Instrument ID: CBNAMS12									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV72-0-0.17 — Lab Sample ID: 180-147752-17

Date Collected: 11/10/22 16:15 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 87.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 12:33	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.25 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 13:15	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.61 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 14:32	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV72-0.17-1 — Lab Sample ID: 180-147752-18

Date Collected: 11/10/22 16:20 — **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV72-0.17-1 — Lab Sample ID: 180-147752-18

Date Collected: 11/10/22 16:20 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 90.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.227 g	5 mL	877522	11/12/22 09:40	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 14:44	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.07 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 19:47	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 12:52	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.14 g	100 mL	551863	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552132	11/15/22 12:11	KLC	EET CAN
	Instrument ID: I12									
Total/NA	Prep	7471B			0.54 g	100 mL	551864	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 15:47	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV72-1-2 Lab Sample ID: 180-147752-19

Date Collected: 11/10/22 16:25 **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			877452	11/11/22 21:48	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV72-1-2 Lab Sample ID: 180-147752-19

Date Collected: 11/10/22 16:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.65 g	5 mL	877522	11/12/22 09:40	SAS	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879129	11/21/22 10:53	AAT	EET EDI
	Instrument ID: CVOAMS4									
Total/NA	Prep	3546			15.02 g	1 mL	878071	11/15/22 22:14	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878224	11/16/22 15:19	DXD	EET EDI
	Instrument ID: CBNAMS12									
Total/NA	Prep	3541			15.0 g	20.0 mL	418113	11/14/22 10:29	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418711	11/19/22 05:47	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418712	11/19/22 05:48	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	419019	11/24/22 06:42	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			1.08 g	100 mL	551846	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552135	11/15/22 11:25	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.55 g	100 mL	551848	11/14/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552195	11/15/22 13:42	DSH	EET CAN
	Instrument ID: H3									

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900
EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Analyst References:

Lab: EET CAN
- Batch Type: Prep
  - DEE = Dale Elshaw
- Batch Type: Analysis
  - DSH = David Heakin
  - KLC = Karen Counts
  - RKT = Roger Toth

Lab: EET EDI
- Batch Type: Prep
  - GXY = Gopichand Yallabandi
  - SAS = Samantha Shelton
- Batch Type: Analysis
  - AAT = Audberto Tupayachi
  - CJC = Claudia Cho
  - DXD = Djedjiga Dekkar
  - EMM = Eddie Martinez

Lab: EET PIT
- Batch Type: Cleanup
  - JMO = John Oravec
- Batch Type: Prep
  - AAS = Arianna Swick
- Batch Type: Analysis
  - JMO = John Oravec

Client: Geosyntec Consultants, Inc.
Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV67-0.17-1
Lab Sample ID: 180-147752-1
Date Collected: 11/10/22 15:05
Matrix: Solid
Date Received: 11/11/22 09:00
Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4.3	4.1	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Benzene	ND		0.71	0.18	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Bromoform	ND		0.71	0.30	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Bromomethane	ND		1.4	0.71	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
2-Butanone (MEK)	ND		3.6	0.26	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Carbon disulfide	ND		0.71	0.19	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Carbon tetrachloride	ND		0.71	0.27	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Chlorobenzene	ND		0.71	0.13	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Chlorobromomethane	ND		0.71	0.20	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Chlorodibromomethane	ND		0.71	0.14	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Chloroethane	ND		0.71	0.37	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Chloroform	ND		0.71	0.69	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Chloromethane	ND		0.71	0.31	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
cis-1,2-Dichloroethene	ND		0.71	0.25	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
cis-1,3-Dichloropropene	ND		0.71	0.19	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Cyclohexane	ND		0.71	0.16	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,2-Dibromo-3-Chloropropane	ND		0.71	0.33	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,2-Dibromoethane	ND		0.71	0.13	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,2-Dichlorobenzene	ND		0.71	0.26	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,3-Dichlorobenzene	ND		0.71	0.26	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,4-Dichlorobenzene	ND		0.71	0.16	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Dichlorobromomethane	ND		0.71	0.18	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Dichlorodifluoromethane	ND		0.71	0.24	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,1-Dichloroethane	ND		0.71	0.15	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,2-Dichloroethane	ND		0.71	0.21	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,1-Dichloroethene	ND		0.71	0.16	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,2-Dichloroethene, Total	ND		1.4	0.27	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,2-Dichloropropane	ND		0.71	0.30	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,4-Dioxane	ND		71	6.5	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Ethylbenzene	ND		0.71	0.14	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
2-Hexanone	ND		3.6	1.2	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Isopropylbenzene	ND		0.71	0.20	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Methyl acetate	ND		3.6	3.1	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Methylcyclohexane	ND		0.71	0.35	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Methylene Chloride	ND	*-	1.4	0.81	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
4-Methyl-2-pentanone (MIBK)	ND		3.6	1.1	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Methyl tert-butyl ether	ND		0.71	0.36	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
m-Xylene & p-Xylene	ND		0.71	0.12	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
o-Xylene	ND		0.71	0.14	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Styrene	ND		0.71	0.20	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,1,2,2-Tetrachloroethane	ND		0.71	0.15	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Tetrachloroethene	ND		0.71	0.22	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Toluene	ND		0.71	0.17	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
trans-1,2-Dichloroethene	ND		0.71	0.17	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
trans-1,3-Dichloropropene	ND		0.71	0.19	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,2,3-Trichlorobenzene	ND		0.71	0.13	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,2,4-Trichlorobenzene	ND		0.71	0.25	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,1,1-Trichloroethane	ND		0.71	0.17	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,1,2-Trichloroethane	ND		0.71	0.13	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1

Client Sample ID: SSHS-IRM5A2-SCV67-0.17-1 **Lab Sample ID: 180-147752-1**
Date Collected: 11/10/22 15:05 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 90.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.71	0.23	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Trichlorofluoromethane	ND		0.71	0.29	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.71	0.21	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Vinyl chloride	ND		0.71	0.39	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1
Xylenes, Total	ND		1.4	0.12	ug/Kg	☼	11/12/22 09:33	11/17/22 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*115*		*75 - 139*	*11/12/22 09:33*	*11/17/22 02:29*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 139*	*11/12/22 09:33*	*11/17/22 02:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*153*	*S1+*	*72 - 145*	*11/12/22 09:33*	*11/17/22 02:29*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*11/12/22 09:33*	*11/17/22 02:29*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Acenaphthylene	**17**	**J**	360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Acetophenone	ND		360	18	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Anthracene	**27**	**J**	360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Atrazine	ND		150	21	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Benzaldehyde	ND		360	60	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Benzo[a]anthracene	**94**		36	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Benzo[a]pyrene	**84**		36	9.7	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Benzo[b]fluoranthene	**140**		36	9.4	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Benzo[g,h,i]perylene	**61**	**J**	360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Benzo[k]fluoranthene	**48**		36	7.1	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Caprolactam	ND		360	57	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
4-Chloroaniline	ND		360	65	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Chrysene	**110**	**J**	360	6.2	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Dibenz(a,h)anthracene	**36**		36	16	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Dimethyl phthalate	ND		360	83	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2,4-Dinitrotoluene	ND		74	39	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV67-0.17-1 **Lab Sample ID: 180-147752-1**
Date Collected: 11/10/22 15:05 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 90.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		74	26	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
1,4-Dioxane	ND		36	32	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Fluoranthene	**190**	**J**	360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Fluorene	ND		360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Hexachlorobutadiene	ND		74	7.8	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Hexachloroethane	ND		36	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Indeno[1,2,3-cd]pyrene	**77**		36	14	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Isophorone	ND		150	110	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2-Methylphenol	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Naphthalene	ND		360	6.3	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2-Nitroaniline	ND		360	28	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
3-Nitroaniline	ND		360	86	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
4-Nitroaniline	ND		360	42	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
4-Nitrophenol	ND		740	59	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2,2'-oxybis[1-chloropropane]	ND		360	6.6	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Pentachlorophenol	ND		290	75	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Phenanthrene	**130**	**J**	360	6.4	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Phenol	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
Pyrene	**140**	**J**	360	9.1	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2,3,4,6-Tetrachlorophenol	ND		360	25	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/15/22 22:14	11/16/22 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*22 - 122*	*11/15/22 22:14*	*11/16/22 20:53*	*1*
2-Fluorophenol (Surr)	*63*		*18 - 123*	*11/15/22 22:14*	*11/16/22 20:53*	*1*
Nitrobenzene-d5 (Surr)	*71*		*16 - 125*	*11/15/22 22:14*	*11/16/22 20:53*	*1*
Phenol-d5 (Surr)	*74*		*23 - 120*	*11/15/22 22:14*	*11/16/22 20:53*	*1*
Terphenyl-d14 (Surr)	*93*		*25 - 126*	*11/15/22 22:14*	*11/16/22 20:53*	*1*
2,4,6-Tribromophenol (Surr)	*106*		*10 - 123*	*11/15/22 22:14*	*11/16/22 20:53*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	11/14/22 10:29	11/24/22 07:37	1
PCB-1221	ND		18	6.5	ug/Kg	☼	11/14/22 10:29	11/24/22 07:37	1
PCB-1232	ND		18	4.5	ug/Kg	☼	11/14/22 10:29	11/24/22 07:37	1
PCB-1242	ND		18	2.7	ug/Kg	☼	11/14/22 10:29	11/24/22 07:37	1
PCB-1248	ND		18	4.4	ug/Kg	☼	11/14/22 10:29	11/24/22 07:37	1
PCB-1254	ND		18	5.5	ug/Kg	☼	11/14/22 10:29	11/24/22 07:37	1
PCB-1260	ND		18	5.2	ug/Kg	☼	11/14/22 10:29	11/24/22 07:37	1

Client Sample ID: SSHS-IRM5A2-SCV67-0.17-1 — Lab Sample ID: 180-147752-1

Date Collected: 11/10/22 15:05 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 90.7**

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		18	6.5	ug/Kg	☼	11/14/22 10:29	11/24/22 07:37	1
PCB-1268	ND		18	2.5	ug/Kg	☼	11/14/22 10:29	11/24/22 07:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*11/14/22 10:29*	*11/24/22 07:37*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*11/14/22 10:29*	*11/24/22 07:37*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*55 - 135*	*11/14/22 10:29*	*11/24/22 07:37*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*11/14/22 10:29*	*11/24/22 07:37*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6900**		19	5.2	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Antimony	ND		1.9	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Arsenic	**14**		1.5	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Barium	**100**		19	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Beryllium	**0.42**	**J**	0.48	0.052	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Cadmium	**0.39**	**J**	0.48	0.046	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Calcium	**1400**		480	35	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Chromium	**9.9**		0.97	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Cobalt	**5.4**		0.97	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Copper	**37**		2.4	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Iron	**12000**		19	6.7	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Lead	**150**		0.97	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Magnesium	**1100**		480	45	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Manganese	**330**		1.5	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Nickel	**13**		3.9	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Potassium	**530**		480	77	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Selenium	**2.6**		1.9	0.45	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Silver	ND		0.97	0.078	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Sodium	**110**	**J**	480	61	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Thallium	ND		1.9	0.39	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Vanadium	**17**		4.8	0.79	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1
Zinc	**160**		4.8	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 11:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.30**		0.11	0.020	mg/Kg	☼	11/14/22 15:00	11/15/22 13:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.3**		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	**90.7**		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV67-1-2 — Lab Sample ID: 180-147752-2

Date Collected: 11/10/22 15:10 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 91.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4.3	4.1	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Benzene	ND		0.71	0.18	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1

Client Sample ID: SSHS-IRM5A2-SCV67-1-2 **Lab Sample ID: 180-147752-2**
Date Collected: 11/10/22 15:10 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.71	0.30	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Bromomethane	ND		1.4	0.71	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
2-Butanone (MEK)	ND		3.6	0.26	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Carbon disulfide	ND		0.71	0.19	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Carbon tetrachloride	ND		0.71	0.28	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Chlorobenzene	ND		0.71	0.13	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Chlorobromomethane	ND		0.71	0.20	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Chlorodibromomethane	ND		0.71	0.14	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Chloroethane	ND		0.71	0.37	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Chloroform	ND		0.71	0.69	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Chloromethane	ND		0.71	0.31	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
cis-1,2-Dichloroethene	ND		0.71	0.25	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
cis-1,3-Dichloropropene	ND		0.71	0.19	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Cyclohexane	ND		0.71	0.16	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,2-Dibromo-3-Chloropropane	ND		0.71	0.33	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,2-Dibromoethane	ND		0.71	0.13	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,2-Dichlorobenzene	ND		0.71	0.26	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,3-Dichlorobenzene	ND		0.71	0.26	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,4-Dichlorobenzene	ND		0.71	0.16	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Dichlorobromomethane	ND		0.71	0.18	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Dichlorodifluoromethane	ND		0.71	0.24	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,1-Dichloroethane	ND		0.71	0.15	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,2-Dichloroethane	ND		0.71	0.21	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,1-Dichloroethene	ND		0.71	0.16	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,2-Dichloroethene, Total	ND		1.4	0.27	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,2-Dichloropropane	ND		0.71	0.30	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,4-Dioxane	ND		71	6.5	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Ethylbenzene	ND		0.71	0.14	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
2-Hexanone	ND		3.6	1.2	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Isopropylbenzene	ND		0.71	0.20	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Methyl acetate	ND		3.6	3.1	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Methylcyclohexane	ND		0.71	0.36	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Methylene Chloride	ND	*-	1.4	0.81	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
4-Methyl-2-pentanone (MIBK)	ND		3.6	1.1	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Methyl tert-butyl ether	ND		0.71	0.36	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
m-Xylene & p-Xylene	ND		0.71	0.12	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
o-Xylene	ND		0.71	0.14	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Styrene	ND		0.71	0.20	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,1,2,2-Tetrachloroethane	ND		0.71	0.15	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Tetrachloroethene	ND		0.71	0.22	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Toluene	ND		0.71	0.17	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
trans-1,2-Dichloroethene	ND		0.71	0.18	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
trans-1,3-Dichloropropene	ND		0.71	0.19	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,2,3-Trichlorobenzene	ND		0.71	0.13	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,2,4-Trichlorobenzene	ND		0.71	0.25	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,1,1-Trichloroethane	ND		0.71	0.17	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
1,1,2-Trichloroethane	ND		0.71	0.13	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Trichloroethene	ND		0.71	0.23	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Trichlorofluoromethane	ND		0.71	0.29	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1

Client Sample ID: SSHS-IRM5A2-SCV67-1-2 **Lab Sample ID: 180-147752-2**
Date Collected: 11/10/22 15:10 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.71	0.21	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Vinyl chloride	ND		0.71	0.39	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1
Xylenes, Total	ND		1.4	0.12	ug/Kg	☼	11/12/22 09:33	11/17/22 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*75 - 139*	*11/12/22 09:33*	*11/17/22 02:52*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*	*11/12/22 09:33*	*11/17/22 02:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*144*		*72 - 145*	*11/12/22 09:33*	*11/17/22 02:52*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/12/22 09:33*	*11/17/22 02:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Acetophenone	ND		360	18	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Anthracene	ND		360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Benzaldehyde	ND		360	60	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Benzo[a]anthracene	**41**		36	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Benzo[a]pyrene	**39**		36	9.6	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Benzo[b]fluoranthene	**62**		36	9.3	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Benzo[g,h,i]perylene	**29**	**J**	360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Benzo[k]fluoranthene	**25**	**J**	36	7.1	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Caprolactam	ND		360	56	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
4-Chloroaniline	ND		360	64	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Chrysene	**49**	**J**	360	6.1	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Dimethyl phthalate	ND		360	82	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2,4-Dinitrotoluene	ND		73	39	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2,6-Dinitrotoluene	ND		73	26	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1

Client Sample ID: SSHS-IRM5A2-SCV67-1-2 **Lab Sample ID: 180-147752-2**
Date Collected: 11/10/22 15:10 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		36	31	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Fluoranthene	**77**	**J**	360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Fluorene	ND		360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Hexachlorobutadiene	ND		73	7.7	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Hexachloroethane	ND		36	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Indeno[1,2,3-cd]pyrene	**37**		36	14	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2-Methylphenol	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Naphthalene	ND		360	6.2	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
3-Nitroaniline	ND		360	86	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
4-Nitroaniline	ND		360	41	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
4-Nitrophenol	ND		730	59	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2,2'-oxybis[1-chloropropane]	ND		360	6.5	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Pentachlorophenol	ND		290	74	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Phenanthrene	**46**	**J**	360	6.3	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Phenol	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
Pyrene	**68**	**J**	360	9.0	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2,3,4,6-Tetrachlorophenol	ND		360	24	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/15/22 22:14	11/16/22 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*22 - 122*	*11/15/22 22:14*	*11/16/22 20:31*	*1*
2-Fluorophenol (Surr)	*54*		*18 - 123*	*11/15/22 22:14*	*11/16/22 20:31*	*1*
Nitrobenzene-d5 (Surr)	*68*		*16 - 125*	*11/15/22 22:14*	*11/16/22 20:31*	*1*
Phenol-d5 (Surr)	*70*		*23 - 120*	*11/15/22 22:14*	*11/16/22 20:31*	*1*
Terphenyl-d14 (Surr)	*88*		*25 - 126*	*11/15/22 22:14*	*11/16/22 20:31*	*1*
2,4,6-Tribromophenol (Surr)	*104*		*10 - 123*	*11/15/22 22:14*	*11/16/22 20:31*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	11/14/22 10:29	11/24/22 07:56	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/14/22 10:29	11/24/22 07:56	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/14/22 10:29	11/24/22 07:56	1
PCB-1242	ND		18	2.7	ug/Kg	☼	11/14/22 10:29	11/24/22 07:56	1
PCB-1248	ND		18	4.4	ug/Kg	☼	11/14/22 10:29	11/24/22 07:56	1
PCB-1254	ND		18	5.5	ug/Kg	☼	11/14/22 10:29	11/24/22 07:56	1
PCB-1260	ND		18	5.2	ug/Kg	☼	11/14/22 10:29	11/24/22 07:56	1
PCB-1262	ND		18	6.4	ug/Kg	☼	11/14/22 10:29	11/24/22 07:56	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:29	11/24/22 07:56	1

Client Sample ID: SSHS-IRM5A2-SCV67-1-2 Lab Sample ID: 180-147752-2

Date Collected: 11/10/22 15:10 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 91.6**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*78*		*63 - 138*	*11/14/22 10:29*	*11/24/22 07:56*	*1*
DCB Decachlorobiphenyl (Surr)	*84*		*63 - 138*	*11/14/22 10:29*	*11/24/22 07:56*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*55 - 135*	*11/14/22 10:29*	*11/24/22 07:56*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*55 - 135*	*11/14/22 10:29*	*11/24/22 07:56*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6900**		16	4.4	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Antimony	ND		1.6	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Arsenic	**12**		1.2	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Barium	**130**		16	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Beryllium	**0.43**		0.41	0.044	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Cadmium	**0.47**		0.41	0.039	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Calcium	**2300**		410	30	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Chromium	**12**		0.82	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Cobalt	**6.1**		0.82	0.16	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Copper	**32**		2.1	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Iron	**14000**		16	5.7	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Lead	**170**		0.82	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Magnesium	**1500**		410	38	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Manganese	**400**		1.2	0.91	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Nickel	**14**		3.3	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Potassium	**830**		410	65	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Selenium	**2.1**		1.6	0.38	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Silver	**0.097**	**J**	0.82	0.066	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Sodium	**82**	**J**	410	52	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Thallium	ND		1.6	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Vanadium	**15**		4.1	0.67	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1
Zinc	**190**		4.1	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 11:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.28**		0.11	0.020	mg/Kg	☼	11/14/22 15:00	11/15/22 13:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**8.4**		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	**91.6**		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV68-0-0.17 Lab Sample ID: 180-147752-3

Date Collected: 11/10/22 15:15 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		3.9	3.7	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Benzene	ND		0.64	0.17	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Bromoform	ND		0.64	0.27	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Bromomethane	ND		1.3	0.64	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
2-Butanone (MEK)	ND		3.2	0.24	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Carbon disulfide	ND		0.64	0.17	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV68-0-0.17
Lab Sample ID: 180-147752-3
Date Collected: 11/10/22 15:15
Matrix: Solid
Date Received: 11/11/22 09:00
Percent Solids: 92.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		0.64	0.25	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Chlorobenzene	ND		0.64	0.11	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Chlorobromomethane	ND		0.64	0.18	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Chlorodibromomethane	ND		0.64	0.12	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Chloroethane	ND		0.64	0.34	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Chloroform	ND		0.64	0.63	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Chloromethane	ND		0.64	0.28	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
cis-1,2-Dichloroethene	ND		0.64	0.23	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
cis-1,3-Dichloropropene	ND		0.64	0.18	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Cyclohexane	ND		0.64	0.14	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,2-Dibromo-3-Chloropropane	ND		0.64	0.30	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,2-Dibromoethane	ND		0.64	0.12	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,2-Dichlorobenzene	ND		0.64	0.23	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,3-Dichlorobenzene	ND		0.64	0.24	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,4-Dichlorobenzene	ND		0.64	0.14	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Dichlorobromomethane	ND		0.64	0.17	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Dichlorodifluoromethane	ND		0.64	0.22	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,1-Dichloroethane	ND		0.64	0.13	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,2-Dichloroethane	ND		0.64	0.19	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,1-Dichloroethene	ND		0.64	0.14	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,2-Dichloroethene, Total	ND		1.3	0.25	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,2-Dichloropropane	ND		0.64	0.27	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,4-Dioxane	ND		64	5.9	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Ethylbenzene	ND		0.64	0.13	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
2-Hexanone	ND		3.2	1.1	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Isopropylbenzene	ND		0.64	0.18	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Methyl acetate	ND		3.2	2.8	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Methylcyclohexane	ND		0.64	0.32	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Methylene Chloride	ND	*-	1.3	0.74	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
4-Methyl-2-pentanone (MIBK)	ND		3.2	1.0	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Methyl tert-butyl ether	ND		0.64	0.33	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
m-Xylene & p-Xylene	ND		0.64	0.11	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
o-Xylene	ND		0.64	0.12	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Styrene	ND		0.64	0.18	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,1,2,2-Tetrachloroethane	ND		0.64	0.14	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Tetrachloroethene	ND		0.64	0.20	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Toluene	ND		0.64	0.15	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
trans-1,2-Dichloroethene	ND		0.64	0.16	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
trans-1,3-Dichloropropene	ND		0.64	0.17	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,2,3-Trichlorobenzene	ND		0.64	0.12	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,2,4-Trichlorobenzene	ND		0.64	0.23	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,1,1-Trichloroethane	ND		0.64	0.15	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,1,2-Trichloroethane	ND		0.64	0.11	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Trichloroethene	ND		0.64	0.21	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Trichlorofluoromethane	ND		0.64	0.26	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.64	0.19	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Vinyl chloride	ND		0.64	0.35	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1
Xylenes, Total	ND		1.3	0.11	ug/Kg	☼	11/12/22 09:34	11/17/22 03:14	1

Client Sample ID: SSHS-IRM5A2-SCV68-0-0.17 Lab Sample ID: 180-147752-3

Date Collected: 11/10/22 15:15 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.6**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*112*		*75 - 139*	*11/12/22 09:34*	*11/17/22 03:14*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*	*11/12/22 09:34*	*11/17/22 03:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*163*	*S1+*	*72 - 145*	*11/12/22 09:34*	*11/17/22 03:14*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/12/22 09:34*	*11/17/22 03:14*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Acetophenone	ND		360	18	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Anthracene	ND		360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Benzaldehyde	ND		360	59	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Benzo[a]anthracene	**16**	**J**	36	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Benzo[a]pyrene	**11**	**J**	36	9.5	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Benzo[b]fluoranthene	**19**	**J**	36	9.2	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Benzo[g,h,i]perylene	ND		360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Benzo[k]fluoranthene	ND		36	7.0	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
1,1'-Biphenyl	ND		360	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Bis(2-chloroethyl)ether	ND		36	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Caprolactam	ND		360	56	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
4-Chloroaniline	ND		360	63	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Chrysene	**14**	**J**	360	6.0	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Dibenz(a,h)anthracene	ND		36	15	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Diethyl phthalate	ND		360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Dimethyl phthalate	ND		360	81	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Di-n-butyl phthalate	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
1,4-Dioxane	ND		36	31	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Fluoranthene	ND		360	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Fluorene	ND		360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Hexachlorobutadiene	ND		72	7.6	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1

Client Sample ID: SSHS-IRM5A2-SCV68-0-0.17 **Lab Sample ID: 180-147752-3**
Date Collected: 11/10/22 15:15 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 92.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		360	31	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Hexachloroethane	ND		36	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Indeno[1,2,3-cd]pyrene	ND		36	14	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2-Methylphenol	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Methylphenol, 3 & 4	ND		360	22	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Naphthalene	ND		360	6.2	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
3-Nitroaniline	ND		360	85	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
4-Nitroaniline	ND		360	41	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
N-Nitrosodiphenylamine	ND		360	29	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2,2'-oxybis[1-chloropropane]	ND		360	6.5	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Pentachlorophenol	ND		290	73	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Phenanthrene	ND		360	6.3	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Phenol	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
Pyrene	**17**	**J**	360	8.9	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2,3,4,6-Tetrachlorophenol	ND		360	24	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2,4,5-Trichlorophenol	ND		360	36	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/15/22 22:14	11/16/22 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*22 - 122*	*11/15/22 22:14*	*11/16/22 17:55*	*1*
2-Fluorophenol (Surr)	*58*		*18 - 123*	*11/15/22 22:14*	*11/16/22 17:55*	*1*
Nitrobenzene-d5 (Surr)	*68*		*16 - 125*	*11/15/22 22:14*	*11/16/22 17:55*	*1*
Phenol-d5 (Surr)	*69*		*23 - 120*	*11/15/22 22:14*	*11/16/22 17:55*	*1*
Terphenyl-d14 (Surr)	*90*		*25 - 126*	*11/15/22 22:14*	*11/16/22 17:55*	*1*
2,4,6-Tribromophenol (Surr)	*101*		*10 - 123*	*11/15/22 22:14*	*11/16/22 17:55*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	11/14/22 10:29	11/24/22 08:14	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/14/22 10:29	11/24/22 08:14	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/14/22 10:29	11/24/22 08:14	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:29	11/24/22 08:14	1
PCB-1248	ND		18	4.3	ug/Kg	☼	11/14/22 10:29	11/24/22 08:14	1
PCB-1254	ND		18	5.4	ug/Kg	☼	11/14/22 10:29	11/24/22 08:14	1
PCB-1260	ND		18	5.1	ug/Kg	☼	11/14/22 10:29	11/24/22 08:14	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/14/22 10:29	11/24/22 08:14	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:29	11/24/22 08:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*63 - 138*	*11/14/22 10:29*	*11/24/22 08:14*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*63 - 138*	*11/14/22 10:29*	*11/24/22 08:14*	*1*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*	*11/14/22 10:29*	*11/24/22 08:14*	*1*

Client Sample ID: SSHS-IRM5A2-SCV68-0-0.17 — Lab Sample ID: 180-147752-3

Date Collected: 11/10/22 15:15 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 92.6**

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	84		55 - 135	11/14/22 10:29	11/24/22 08:14	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5900		20	5.3	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Antimony	ND		2.0	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Arsenic	4.2		1.5	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Barium	65		20	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Beryllium	0.29	J	0.50	0.054	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Cadmium	0.15	J	0.50	0.048	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Calcium	2700		500	36	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Chromium	8.0		1.0	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Cobalt	5.6		1.0	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Copper	11		2.5	0.24	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Iron	12000		20	6.9	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Lead	14		1.0	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Magnesium	2000		500	46	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Manganese	360		1.5	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Nickel	12		4.0	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Potassium	800		500	79	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Selenium	ND		2.0	0.47	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Silver	ND		1.0	0.081	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Sodium	ND		500	63	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Thallium	ND		2.0	0.40	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Vanadium	8.2		5.0	0.82	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1
Zinc	73		5.0	1.4	mg/Kg	☼	11/14/22 15:00	11/15/22 11:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	J	0.097	0.017	mg/Kg	☼	11/14/22 15:00	11/15/22 13:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.4		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	92.6		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV68-0.17-1 — Lab Sample ID: 180-147752-4

Date Collected: 11/10/22 15:20 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 96.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4.4	4.2	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Benzene	ND		0.73	0.19	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Bromoform	ND		0.73	0.31	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Bromomethane	ND		1.5	0.73	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
2-Butanone (MEK)	ND		3.6	0.27	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Carbon disulfide	ND		0.73	0.19	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Carbon tetrachloride	ND		0.73	0.28	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Chlorobenzene	ND		0.73	0.13	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1

Client Sample ID: SSHS-IRM5A2-SCV68-0.17-1 **Lab Sample ID: 180-147752-4**
Date Collected: 11/10/22 15:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		0.73	0.20	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Chlorodibromomethane	ND		0.73	0.14	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Chloroethane	ND		0.73	0.38	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Chloroform	ND		0.73	0.71	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Chloromethane	ND		0.73	0.32	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
cis-1,2-Dichloroethene	ND		0.73	0.26	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
cis-1,3-Dichloropropene	ND		0.73	0.20	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Cyclohexane	ND		0.73	0.16	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,2-Dibromo-3-Chloropropane	ND		0.73	0.34	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,2-Dibromoethane	ND		0.73	0.13	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,2-Dichlorobenzene	ND		0.73	0.26	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,3-Dichlorobenzene	ND		0.73	0.27	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,4-Dichlorobenzene	ND		0.73	0.16	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Dichlorobromomethane	ND		0.73	0.19	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Dichlorodifluoromethane	ND		0.73	0.25	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,1-Dichloroethane	ND		0.73	0.15	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,2-Dichloroethane	ND		0.73	0.22	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,1-Dichloroethene	ND		0.73	0.16	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,2-Dichloroethene, Total	ND		1.5	0.28	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,2-Dichloropropane	ND		0.73	0.31	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,4-Dioxane	ND		73	6.7	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Ethylbenzene	ND		0.73	0.15	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
2-Hexanone	ND		3.6	1.2	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Isopropylbenzene	ND		0.73	0.21	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Methyl acetate	ND		3.6	3.1	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Methylcyclohexane	ND		0.73	0.36	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Methylene Chloride	ND	*-	1.5	0.83	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
4-Methyl-2-pentanone (MIBK)	ND		3.6	1.1	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Methyl tert-butyl ether	ND		0.73	0.37	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
m-Xylene & p-Xylene	ND		0.73	0.13	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
o-Xylene	ND		0.73	0.14	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Styrene	ND		0.73	0.20	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,1,2,2-Tetrachloroethane	ND		0.73	0.16	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Tetrachloroethene	ND		0.73	0.22	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Toluene	ND		0.73	0.17	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
trans-1,2-Dichloroethene	ND		0.73	0.18	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
trans-1,3-Dichloropropene	ND		0.73	0.19	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,2,3-Trichlorobenzene	ND		0.73	0.13	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,2,4-Trichlorobenzene	ND		0.73	0.26	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,1,1-Trichloroethane	ND		0.73	0.17	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,1,2-Trichloroethane	ND		0.73	0.13	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Trichloroethene	ND		0.73	0.23	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Trichlorofluoromethane	ND		0.73	0.30	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.73	0.22	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Vinyl chloride	ND		0.73	0.40	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1
Xylenes, Total	ND		1.5	0.13	ug/Kg	☼	11/12/22 09:34	11/17/22 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*75 - 139*	*11/12/22 09:34*	*11/17/22 03:37*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 139*	*11/12/22 09:34*	*11/17/22 03:37*	*1*

Client: Geosyntec Consultants, Inc.
Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV68-0.17-1
Lab Sample ID: 180-147752-4
Date Collected: 11/10/22 15:20
Matrix: Solid
Date Received: 11/11/22 09:00
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*149*	*S1+*	*72 - 145*	*11/12/22 09:34*	*11/17/22 03:37*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/12/22 09:34*	*11/17/22 03:37*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	9.8	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Acenaphthylene	ND		340	9.8	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Acetophenone	ND		340	17	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Anthracene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Benzaldehyde	ND		340	57	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Benzo[a]anthracene	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Benzo[a]pyrene	ND		34	9.1	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Benzo[b]fluoranthene	ND		34	8.9	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Benzo[g,h,i]perylene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Benzo[k]fluoranthene	ND		34	6.7	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Bis(2-chloroethoxy)methane	ND		340	27	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
4-Bromophenyl phenyl ether	ND		340	14	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Caprolactam	ND		340	53	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Carbazole	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
4-Chloroaniline	ND		340	61	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Chrysene	ND		340	5.8	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Dibenzofuran	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
3,3'-Dichlorobenzidine	ND		140	52	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2,4-Dimethylphenol	ND		340	41	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Dimethyl phthalate	ND		340	78	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Di-n-butyl phthalate	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2,4-Dinitrotoluene	ND		69	37	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2,6-Dinitrotoluene	ND		69	25	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
1,4-Dioxane	ND		34	30	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Fluoranthene	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Fluorene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Hexachlorobenzene	ND		34	16	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Hexachlorobutadiene	ND		69	7.3	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Hexachlorocyclopentadiene	ND		340	30	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV68-0.17-1 **Lab Sample ID: 180-147752-4**
Date Collected: 11/10/22 15:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Indeno[1,2,3-cd]pyrene	ND		34	13	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Isophorone	ND		140	99	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2-Methylnaphthalene	ND		340	9.6	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2-Methylphenol	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Methylphenol, 3 & 4	ND		340	21	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Naphthalene	ND		340	5.9	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
3-Nitroaniline	ND		340	81	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
4-Nitroaniline	ND		340	39	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Nitrobenzene	ND		34	19	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2-Nitrophenol	ND		340	34	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
4-Nitrophenol	ND		690	56	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2,2'-oxybis[1-chloropropane]	ND		340	6.2	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Pentachlorophenol	ND		280	70	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Phenanthrene	ND		340	6.0	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Phenol	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
Pyrene	ND		340	8.5	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
1,2,4,5-Tetrachlorobenzene	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2,3,4,6-Tetrachlorophenol	ND		340	23	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1
2,4,6-Trichlorophenol	ND		140	44	ug/Kg	☼	11/15/22 22:14	11/16/22 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*22 - 122*	*11/15/22 22:14*	*11/16/22 16:26*	*1*
2-Fluorophenol (Surr)	*46*		*18 - 123*	*11/15/22 22:14*	*11/16/22 16:26*	*1*
Nitrobenzene-d5 (Surr)	*68*		*16 - 125*	*11/15/22 22:14*	*11/16/22 16:26*	*1*
Phenol-d5 (Surr)	*70*		*23 - 120*	*11/15/22 22:14*	*11/16/22 16:26*	*1*
Terphenyl-d14 (Surr)	*96*		*25 - 126*	*11/15/22 22:14*	*11/16/22 16:26*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 123*	*11/15/22 22:14*	*11/16/22 16:26*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.6	ug/Kg	☼	11/14/22 10:29	11/24/22 08:33	1
PCB-1221	ND		17	6.1	ug/Kg	☼	11/14/22 10:29	11/24/22 08:33	1
PCB-1232	ND		17	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 08:33	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/14/22 10:29	11/24/22 08:33	1
PCB-1248	ND		17	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 08:33	1
PCB-1254	ND		17	5.2	ug/Kg	☼	11/14/22 10:29	11/24/22 08:33	1
PCB-1260	ND		17	4.9	ug/Kg	☼	11/14/22 10:29	11/24/22 08:33	1
PCB-1262	ND		17	6.1	ug/Kg	☼	11/14/22 10:29	11/24/22 08:33	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:29	11/24/22 08:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*78*		*63 - 138*	*11/14/22 10:29*	*11/24/22 08:33*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*11/14/22 10:29*	*11/24/22 08:33*	*1*
Tetrachloro-m-xylene (Surr)	*73*		*55 - 135*	*11/14/22 10:29*	*11/24/22 08:33*	*1*
Tetrachloro-m-xylene (Surr)	*81*		*55 - 135*	*11/14/22 10:29*	*11/24/22 08:33*	*1*

Client Sample ID: SSHS-IRM5A2-SCV68-0.17-1 Lab Sample ID: 180-147752-4

Date Collected: 11/10/22 15:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.0**

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5500**		17	4.6	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Antimony	ND		1.7	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Arsenic	**4.3**		1.3	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Barium	**43**		17	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Beryllium	**0.22**	**J**	0.43	0.046	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Cadmium	**0.10**	**J**	0.43	0.041	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Calcium	**26000**		430	31	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Chromium	**7.4**		0.85	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Cobalt	**5.4**		0.85	0.17	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Copper	**15**		2.1	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Iron	**12000**		17	5.9	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Lead	**10**		0.85	0.24	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Magnesium	**6600**		430	39	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Manganese	**350**		1.3	0.95	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Nickel	**13**		3.4	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Potassium	**490**		430	68	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Selenium	ND		1.7	0.40	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Silver	ND		0.85	0.069	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Sodium	**71**	**J**	430	54	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Thallium	ND		1.7	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Vanadium	**8.7**		4.3	0.70	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1
Zinc	**59**		4.3	1.2	mg/Kg	☼	11/14/22 15:00	11/15/22 11:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.031**	**J**	0.092	0.017	mg/Kg	☼	11/14/22 15:00	11/15/22 13:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.0**		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	**96.0**		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV68-1-2 Lab Sample ID: 180-147752-5

Date Collected: 11/10/22 15:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**8.9**		3.5	3.3	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Benzene	ND		0.58	0.15	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Bromoform	ND		0.58	0.25	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Bromomethane	ND		1.2	0.58	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
2-Butanone (MEK)	ND		2.9	0.21	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Carbon disulfide	ND		0.58	0.15	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Carbon tetrachloride	ND		0.58	0.22	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Chlorobenzene	ND		0.58	0.10	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Chlorobromomethane	ND		0.58	0.16	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Chlorodibromomethane	ND		0.58	0.11	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Chloroethane	ND		0.58	0.30	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Chloroform	ND		0.58	0.56	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1

Client Sample ID: SSHS-IRM5A2-SCV68-1-2 **Lab Sample ID: 180-147752-5**
Date Collected: 11/10/22 15:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		0.58	0.25	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
cis-1,2-Dichloroethene	ND		0.58	0.21	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
cis-1,3-Dichloropropene	ND		0.58	0.16	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Cyclohexane	ND		0.58	0.13	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,2-Dibromo-3-Chloropropane	ND		0.58	0.27	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,2-Dibromoethane	ND		0.58	0.10	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,2-Dichlorobenzene	ND		0.58	0.21	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,3-Dichlorobenzene	ND		0.58	0.21	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,4-Dichlorobenzene	ND		0.58	0.13	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Dichlorobromomethane	ND		0.58	0.15	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Dichlorodifluoromethane	ND		0.58	0.20	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,1-Dichloroethane	ND		0.58	0.12	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,2-Dichloroethane	ND		0.58	0.17	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,1-Dichloroethene	ND		0.58	0.13	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,2-Dichloroethene, Total	ND		1.2	0.22	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,2-Dichloropropane	ND		0.58	0.25	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,4-Dioxane	ND		58	5.3	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Ethylbenzene	ND		0.58	0.12	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
2-Hexanone	ND		2.9	0.99	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Isopropylbenzene	ND		0.58	0.17	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Methyl acetate	ND		2.9	2.5	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Methylcyclohexane	ND		0.58	0.29	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Methylene Chloride	ND	*-	1.2	0.66	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
4-Methyl-2-pentanone (MIBK)	ND		2.9	0.90	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Methyl tert-butyl ether	ND		0.58	0.30	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
m-Xylene & p-Xylene	**0.16**	**J**	0.58	0.10	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
o-Xylene	ND		0.58	0.11	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Styrene	ND		0.58	0.16	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,1,2,2-Tetrachloroethane	ND		0.58	0.12	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Tetrachloroethene	ND		0.58	0.18	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Toluene	**0.31**	**J**	0.58	0.14	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
trans-1,2-Dichloroethene	ND		0.58	0.14	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
trans-1,3-Dichloropropene	ND		0.58	0.15	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,2,3-Trichlorobenzene	ND		0.58	0.11	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,2,4-Trichlorobenzene	ND		0.58	0.21	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,1,1-Trichloroethane	ND		0.58	0.14	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,1,2-Trichloroethane	ND		0.58	0.10	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Trichloroethene	ND		0.58	0.19	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Trichlorofluoromethane	ND		0.58	0.24	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.58	0.17	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Vinyl chloride	ND		0.58	0.32	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1
Xylenes, Total	**0.16**	**J**	1.2	0.10	ug/Kg	☼	11/12/22 09:34	11/17/22 03:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*75 - 139*	*11/12/22 09:34*	*11/17/22 03:59*	*1*
Dibromofluoromethane (Surr)	*118*		*73 - 139*	*11/12/22 09:34*	*11/17/22 03:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*145*		*72 - 145*	*11/12/22 09:34*	*11/17/22 03:59*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/12/22 09:34*	*11/17/22 03:59*	*1*

Client: Geosyntec Consultants, Inc.
Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV68-1-2
Lab Sample ID: 180-147752-5
Date Collected: 11/10/22 15:25
Matrix: Solid
Date Received: 11/11/22 09:00
Percent Solids: 95.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	9.9	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Acenaphthylene	ND		350	9.9	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Acetophenone	ND		350	17	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Anthracene	ND		350	11	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Benzaldehyde	ND		350	57	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Benzo[a]anthracene	**15**	**J**	35	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Benzo[a]pyrene	ND		35	9.3	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Benzo[b]fluoranthene	ND		35	9.0	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Benzo[g,h,i]perylene	ND		350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Benzo[k]fluoranthene	ND		35	6.8	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Bis(2-chloroethoxy)methane	ND		350	27	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Bis(2-ethylhexyl) phthalate	ND		350	18	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Butyl benzyl phthalate	ND		350	16	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Caprolactam	ND		350	54	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Carbazole	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
4-Chloroaniline	ND		350	62	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
4-Chloro-3-methylphenol	ND		350	19	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2-Chlorophenol	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Chrysene	ND		350	5.9	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Dibenzofuran	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
3,3'-Dichlorobenzidine	ND		140	52	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2,4-Dimethylphenol	ND		350	41	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Dimethyl phthalate	ND		350	79	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Di-n-butyl phthalate	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2,4-Dinitrotoluene	ND		70	37	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2,6-Dinitrotoluene	ND		70	25	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Di-n-octyl phthalate	ND		350	18	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
1,4-Dioxane	ND		35	30	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Fluoranthene	**22**	**J**	350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Fluorene	ND		350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Hexachlorobenzene	ND		35	17	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Hexachlorobutadiene	ND		70	7.4	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Hexachlorocyclopentadiene	ND		350	30	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Indeno[1,2,3-cd]pyrene	ND		35	14	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2-Methylnaphthalene	ND		350	9.7	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1

Client Sample ID: SSHS-IRM5A2-SCV68-1-2 Lab Sample ID: 180-147752-5

Date Collected: 11/10/22 15:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Naphthalene	ND		350	6.0	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2-Nitroaniline	ND		350	26	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
3-Nitroaniline	ND		350	82	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
4-Nitroaniline	ND		350	40	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Nitrobenzene	ND		35	19	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
4-Nitrophenol	ND		700	57	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
N-Nitrosodi-n-propylamine	ND		35	25	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2,2'-oxybis[1-chloropropane]	ND		350	6.3	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Pentachlorophenol	ND		280	71	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Phenanthrene	ND		350	6.1	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Phenol	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
Pyrene	**18**	**J**	350	8.6	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2,3,4,6-Tetrachlorophenol	ND		350	24	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2,4,5-Trichlorophenol	ND		350	35	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	11/15/22 22:14	11/16/22 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*22 - 122*	*11/15/22 22:14*	*11/16/22 17:11*	*1*
2-Fluorophenol (Surr)	*59*		*18 - 123*	*11/15/22 22:14*	*11/16/22 17:11*	*1*
Nitrobenzene-d5 (Surr)	*64*		*16 - 125*	*11/15/22 22:14*	*11/16/22 17:11*	*1*
Phenol-d5 (Surr)	*66*		*23 - 120*	*11/15/22 22:14*	*11/16/22 17:11*	*1*
Terphenyl-d14 (Surr)	*84*		*25 - 126*	*11/15/22 22:14*	*11/16/22 17:11*	*1*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 123*	*11/15/22 22:14*	*11/16/22 17:11*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.7	ug/Kg	☼	11/14/22 10:29	11/24/22 08:51	1
PCB-1221	ND		18	6.2	ug/Kg	☼	11/14/22 10:29	11/24/22 08:51	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/14/22 10:29	11/24/22 08:51	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:29	11/24/22 08:51	1
PCB-1248	ND		18	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 08:51	1
PCB-1254	ND		18	5.3	ug/Kg	☼	11/14/22 10:29	11/24/22 08:51	1
PCB-1260	ND		18	5.0	ug/Kg	☼	11/14/22 10:29	11/24/22 08:51	1
PCB-1262	ND		18	6.2	ug/Kg	☼	11/14/22 10:29	11/24/22 08:51	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:29	11/24/22 08:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*11/14/22 10:29*	*11/24/22 08:51*	*1*
DCB Decachlorobiphenyl (Surr)	*87*		*63 - 138*	*11/14/22 10:29*	*11/24/22 08:51*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*55 - 135*	*11/14/22 10:29*	*11/24/22 08:51*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*11/14/22 10:29*	*11/24/22 08:51*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5700**		20	5.2	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Antimony	ND		2.0	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1

Client Sample ID: SSHS-IRM5A2-SCV68-1-2 — Lab Sample ID: 180-147752-5

Date Collected: 11/10/22 15:25 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 95.0**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		1.5	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Barium	55		20	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Beryllium	0.26	J	0.49	0.053	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Cadmium	0.12	J	0.49	0.047	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Calcium	12000		490	36	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Chromium	7.7		0.98	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Cobalt	5.4		0.98	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Copper	13		2.5	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Iron	12000		20	6.8	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Lead	12		0.98	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Magnesium	4300		490	45	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Manganese	350		1.5	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Nickel	13		3.9	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Potassium	610		490	78	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Selenium	ND		2.0	0.46	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Silver	ND		0.98	0.080	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Sodium	62	J	490	62	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Thallium	ND		2.0	0.39	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Vanadium	8.7		4.9	0.81	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1
Zinc	64		4.9	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 12:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035	J	0.10	0.019	mg/Kg	☼	11/14/22 15:00	11/15/22 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.0		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	95.0		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP2 — Lab Sample ID: 180-147752-6

Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 96.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		3.5	3.3	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Benzene	ND		0.58	0.15	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Bromoform	ND		0.58	0.25	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Bromomethane	ND		1.2	0.58	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
2-Butanone (MEK)	ND		2.9	0.21	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Carbon disulfide	ND		0.58	0.15	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Carbon tetrachloride	ND		0.58	0.22	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Chlorobenzene	ND		0.58	0.10	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Chlorobromomethane	ND		0.58	0.16	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Chlorodibromomethane	ND		0.58	0.11	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Chloroethane	ND		0.58	0.30	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Chloroform	ND		0.58	0.56	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Chloromethane	ND		0.58	0.25	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
cis-1,2-Dichloroethene	ND		0.58	0.21	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP2 **Lab Sample ID: 180-147752-6**
Date Collected: 11/10/22 00:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.58	0.16	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Cyclohexane	ND		0.58	0.13	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,2-Dibromo-3-Chloropropane	ND		0.58	0.27	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,2-Dibromoethane	ND		0.58	0.10	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,2-Dichlorobenzene	ND		0.58	0.21	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,3-Dichlorobenzene	ND		0.58	0.21	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,4-Dichlorobenzene	ND		0.58	0.13	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Dichlorobromomethane	ND		0.58	0.15	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Dichlorodifluoromethane	ND		0.58	0.20	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,1-Dichloroethane	ND		0.58	0.12	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,2-Dichloroethane	ND		0.58	0.17	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,1-Dichloroethene	ND		0.58	0.13	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,2-Dichloroethene, Total	ND		1.2	0.22	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,2-Dichloropropane	ND	*+	0.58	0.24	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,4-Dioxane	ND		58	5.3	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Ethylbenzene	ND		0.58	0.11	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
2-Hexanone	ND		2.9	0.99	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Isopropylbenzene	ND		0.58	0.16	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Methyl acetate	ND		2.9	2.5	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Methylcyclohexane	ND		0.58	0.29	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Methylene Chloride	ND		1.2	0.66	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
4-Methyl-2-pentanone (MIBK)	ND		2.9	0.90	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Methyl tert-butyl ether	ND		0.58	0.30	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
m-Xylene & p-Xylene	**0.17**	**J**	0.58	0.10	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
o-Xylene	ND		0.58	0.11	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Styrene	ND		0.58	0.16	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,1,2,2-Tetrachloroethane	ND		0.58	0.12	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Tetrachloroethene	ND		0.58	0.18	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Toluene	**0.17**	**J**	0.58	0.14	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
trans-1,2-Dichloroethene	ND		0.58	0.14	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
trans-1,3-Dichloropropene	ND		0.58	0.15	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,2,3-Trichlorobenzene	ND		0.58	0.10	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,2,4-Trichlorobenzene	ND		0.58	0.21	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,1,1-Trichloroethane	ND		0.58	0.13	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,1,2-Trichloroethane	ND		0.58	0.10	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Trichloroethene	ND		0.58	0.19	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Trichlorofluoromethane	ND		0.58	0.23	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.58	0.17	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Vinyl chloride	ND		0.58	0.32	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1
Xylenes, Total	**0.17**	**J**	1.2	0.10	ug/Kg	☼	11/12/22 09:37	11/21/22 08:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*75 - 139*	*11/12/22 09:37*	*11/21/22 08:35*	*1*
Dibromofluoromethane (Surr)	*125*		*73 - 139*	*11/12/22 09:37*	*11/21/22 08:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*		*72 - 145*	*11/12/22 09:37*	*11/21/22 08:35*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/12/22 09:37*	*11/21/22 08:35*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	9.8	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP2 Lab Sample ID: 180-147752-6

Date Collected: 11/10/22 00:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		340	9.8	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Acetophenone	ND		340	17	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Anthracene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Benzaldehyde	ND		340	57	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Benzo[a]anthracene	**19**	**J**	34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Benzo[a]pyrene	**20**	**J**	34	9.1	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Benzo[b]fluoranthene	**41**		34	8.9	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Benzo[g,h,i]perylene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Benzo[k]fluoranthene	ND		34	6.7	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Bis(2-chloroethoxy)methane	ND		340	27	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
4-Bromophenyl phenyl ether	ND		340	14	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Caprolactam	ND		340	53	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Carbazole	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
4-Chloroaniline	ND		340	61	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Chrysene	**24**	**J**	340	5.8	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Dibenzofuran	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
3,3'-Dichlorobenzidine	ND		140	52	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2,4-Dimethylphenol	ND		340	41	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Dimethyl phthalate	ND		340	78	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Di-n-butyl phthalate	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2,4-Dinitrotoluene	ND		69	37	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2,6-Dinitrotoluene	ND		69	25	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
1,4-Dioxane	ND		34	30	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Fluoranthene	**30**	**J**	340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Fluorene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Hexachlorobenzene	ND		34	16	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Hexachlorobutadiene	ND		69	7.3	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Hexachlorocyclopentadiene	ND		340	30	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Hexachloroethane	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Indeno[1,2,3-cd]pyrene	ND		34	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Isophorone	ND		140	99	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2-Methylnaphthalene	ND		340	9.6	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2-Methylphenol	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Methylphenol, 3 & 4	ND		340	21	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV-DUP2 **Lab Sample ID: 180-147752-6**
Date Collected: 11/10/22 00:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		340	5.9	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
3-Nitroaniline	ND		340	81	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
4-Nitroaniline	ND		340	39	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Nitrobenzene	ND		34	19	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2-Nitrophenol	ND		340	34	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
4-Nitrophenol	ND		690	56	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2,2'-oxybis[1-chloropropane]	ND		340	6.2	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Pentachlorophenol	ND		280	70	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Phenanthrene	ND		340	6.0	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Phenol	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
Pyrene	**27**	**J**	340	8.5	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
1,2,4,5-Tetrachlorobenzene	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2,3,4,6-Tetrachlorophenol	ND		340	23	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1
2,4,6-Trichlorophenol	ND		140	44	ug/Kg	☼	11/15/22 22:14	11/16/22 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*22 - 122*	*11/15/22 22:14*	*11/16/22 19:02*	*1*
2-Fluorophenol (Surr)	*46*		*18 - 123*	*11/15/22 22:14*	*11/16/22 19:02*	*1*
Nitrobenzene-d5 (Surr)	*55*		*16 - 125*	*11/15/22 22:14*	*11/16/22 19:02*	*1*
Phenol-d5 (Surr)	*57*		*23 - 120*	*11/15/22 22:14*	*11/16/22 19:02*	*1*
Terphenyl-d14 (Surr)	*89*		*25 - 126*	*11/15/22 22:14*	*11/16/22 19:02*	*1*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 123*	*11/15/22 22:14*	*11/16/22 19:02*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.6	ug/Kg	☼	11/14/22 10:29	11/24/22 09:10	1
PCB-1221	ND		17	6.1	ug/Kg	☼	11/14/22 10:29	11/24/22 09:10	1
PCB-1232	ND		17	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 09:10	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/14/22 10:29	11/24/22 09:10	1
PCB-1248	ND		17	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 09:10	1
PCB-1254	ND		17	5.2	ug/Kg	☼	11/14/22 10:29	11/24/22 09:10	1
PCB-1260	ND		17	4.9	ug/Kg	☼	11/14/22 10:29	11/24/22 09:10	1
PCB-1262	ND		17	6.1	ug/Kg	☼	11/14/22 10:29	11/24/22 09:10	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:29	11/24/22 09:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*63 - 138*	*11/14/22 10:29*	*11/24/22 09:10*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*11/14/22 10:29*	*11/24/22 09:10*	*1*
Tetrachloro-m-xylene (Surr)	*73*		*55 - 135*	*11/14/22 10:29*	*11/24/22 09:10*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*55 - 135*	*11/14/22 10:29*	*11/24/22 09:10*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5700**		19	5.1	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Antimony	ND		1.9	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Arsenic	**4.5**		1.4	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP2 — Lab Sample ID: 180-147752-6

Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 96.1**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	58		19	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Beryllium	0.21	J	0.48	0.052	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Cadmium	0.099	J	0.48	0.046	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Calcium	29000		480	35	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Chromium	7.8		0.95	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Cobalt	5.4		0.95	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Copper	16		2.4	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Iron	12000		19	6.6	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Lead	15		0.95	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Magnesium	6200		480	44	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Manganese	370		1.4	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Nickel	13		3.8	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Potassium	440	J	480	76	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Selenium	ND		1.9	0.45	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Silver	ND		0.95	0.077	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Sodium	69	J	480	60	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Thallium	ND		1.9	0.38	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Vanadium	9.2		4.8	0.78	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1
Zinc	57		4.8	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 12:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048	J	0.089	0.016	mg/Kg	☼	11/14/22 15:00	11/15/22 14:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.9		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	96.1		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV69-0-0.17 — Lab Sample ID: 180-147752-7

Date Collected: 11/10/22 15:30 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 89.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.9		4.2	4.0	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Benzene	ND		0.69	0.18	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Bromoform	ND		0.69	0.29	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Bromomethane	ND		1.4	0.69	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
2-Butanone (MEK)	ND		3.5	0.26	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Carbon disulfide	ND		0.69	0.18	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Carbon tetrachloride	ND		0.69	0.27	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Chlorobenzene	ND		0.69	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Chlorobromomethane	ND		0.69	0.19	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Chlorodibromomethane	ND		0.69	0.13	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Chloroethane	ND		0.69	0.36	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Chloroform	ND		0.69	0.67	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Chloromethane	ND		0.69	0.30	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
cis-1,2-Dichloroethene	ND		0.69	0.25	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
cis-1,3-Dichloropropene	ND		0.69	0.19	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1

Client Sample ID: SSHS-IRM5A2-SCV69-0-0.17 **Lab Sample ID: 180-147752-7**
Date Collected: 11/10/22 15:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 89.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		0.69	0.15	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,2-Dibromo-3-Chloropropane	ND		0.69	0.32	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,2-Dibromoethane	ND		0.69	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,2-Dichlorobenzene	ND		0.69	0.25	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,3-Dichlorobenzene	ND		0.69	0.25	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,4-Dichlorobenzene	ND		0.69	0.16	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Dichlorobromomethane	ND		0.69	0.18	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Dichlorodifluoromethane	ND		0.69	0.23	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,1-Dichloroethane	ND		0.69	0.14	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,2-Dichloroethane	ND		0.69	0.21	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,1-Dichloroethene	ND		0.69	0.16	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,2-Dichloroethene, Total	ND		1.4	0.27	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,2-Dichloropropane	ND	*+	0.69	0.29	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,4-Dioxane	ND		69	6.4	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Ethylbenzene	ND		0.69	0.14	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
2-Hexanone	ND		3.5	1.2	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Isopropylbenzene	ND		0.69	0.20	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Methyl acetate	ND		3.5	3.0	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Methylcyclohexane	ND		0.69	0.35	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Methylene Chloride	ND		1.4	0.79	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
4-Methyl-2-pentanone (MIBK)	ND		3.5	1.1	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Methyl tert-butyl ether	ND		0.69	0.36	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
m-Xylene & p-Xylene	**0.19**	**J**	0.69	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
o-Xylene	ND		0.69	0.13	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Styrene	ND		0.69	0.19	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,1,2,2-Tetrachloroethane	ND		0.69	0.15	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Tetrachloroethene	ND		0.69	0.21	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Toluene	**0.18**	**J**	0.69	0.16	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
trans-1,2-Dichloroethene	ND		0.69	0.17	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
trans-1,3-Dichloropropene	ND		0.69	0.18	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,2,3-Trichlorobenzene	ND		0.69	0.13	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,2,4-Trichlorobenzene	ND		0.69	0.25	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,1,1-Trichloroethane	ND		0.69	0.16	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,1,2-Trichloroethane	ND		0.69	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Trichloroethene	ND		0.69	0.22	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Trichlorofluoromethane	ND		0.69	0.28	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.69	0.21	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Vinyl chloride	ND		0.69	0.38	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1
Xylenes, Total	**0.19**	**J**	1.4	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 08:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*75 - 139*	*11/12/22 09:36*	*11/21/22 08:58*	*1*
Dibromofluoromethane (Surr)	*120*		*73 - 139*	*11/12/22 09:36*	*11/21/22 08:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*		*72 - 145*	*11/12/22 09:36*	*11/21/22 08:58*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*11/12/22 09:36*	*11/21/22 08:58*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Acenaphthylene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1

Client Sample ID: SSHS-IRM5A2-SCV69-0-0.17 **Lab Sample ID: 180-147752-7**
Date Collected: 11/10/22 15:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 89.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		370	18	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Anthracene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Atrazine	ND		150	22	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Benzaldehyde	ND		370	61	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Benzo[a]anthracene	**38**		37	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Benzo[a]pyrene	**35**	**J**	37	9.8	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Benzo[b]fluoranthene	**51**		37	9.6	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Benzo[g,h,i]perylene	**22**	**J**	370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Benzo[k]fluoranthene	**21**	**J**	37	7.2	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Bis(2-ethylhexyl) phthalate	ND		370	20	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Butyl benzyl phthalate	ND		370	17	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Caprolactam	ND		370	57	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Carbazole	ND		370	14	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
4-Chloroaniline	ND		370	66	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Chrysene	**44**	**J**	370	6.2	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Dibenz(a,h)anthracene	ND		37	16	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Dibenzofuran	ND		370	12	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
3,3'-Dichlorobenzidine	ND		150	56	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2,4-Dimethylphenol	ND		370	44	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Dimethyl phthalate	ND		370	84	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Di-n-butyl phthalate	ND		370	14	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2,4-Dinitrophenol	ND		300	180	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2,4-Dinitrotoluene	ND		75	40	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2,6-Dinitrotoluene	ND		75	27	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Di-n-octyl phthalate	ND		370	20	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
1,4-Dioxane	ND		37	32	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Fluoranthene	**66**	**J**	370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Fluorene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Hexachlorobenzene	ND		37	18	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Hexachlorobutadiene	ND		75	7.9	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Hexachlorocyclopentadiene	ND		370	32	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Indeno[1,2,3-cd]pyrene	**28**	**J**	37	14	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Isophorone	ND		150	110	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2-Methylnaphthalene	ND		370	10	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Methylphenol, 3 & 4	ND		370	23	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Naphthalene	ND		370	6.4	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1

Client Sample ID: SSHS-IRM5A2-SCV69-0-0.17 **Lab Sample ID: 180-147752-7**
Date Collected: 11/10/22 15:30 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 89.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		370	28	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
3-Nitroaniline	ND		370	88	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
4-Nitroaniline	ND		370	42	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Nitrobenzene	ND		37	20	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2-Nitrophenol	ND		370	37	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
4-Nitrophenol	ND		750	60	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
N-Nitrosodiphenylamine	ND		370	30	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2,2'-oxybis[1-chloropropane]	ND		370	6.7	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Pentachlorophenol	ND		300	76	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Phenanthrene	**32**	**J**	370	6.5	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Phenol	ND		370	14	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
Pyrene	**62**	**J**	370	9.2	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
1,2,4,5-Tetrachlorobenzene	ND		370	12	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2,4,5-Trichlorophenol	ND		370	38	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/15/22 22:14	11/16/22 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*22 - 122*	*11/15/22 22:14*	*11/16/22 19:24*	*1*
2-Fluorophenol (Surr)	*61*		*18 - 123*	*11/15/22 22:14*	*11/16/22 19:24*	*1*
Nitrobenzene-d5 (Surr)	*71*		*16 - 125*	*11/15/22 22:14*	*11/16/22 19:24*	*1*
Phenol-d5 (Surr)	*73*		*23 - 120*	*11/15/22 22:14*	*11/16/22 19:24*	*1*
Terphenyl-d14 (Surr)	*96*		*25 - 126*	*11/15/22 22:14*	*11/16/22 19:24*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 123*	*11/15/22 22:14*	*11/16/22 19:24*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	11/14/22 10:29	11/24/22 09:28	1
PCB-1221	ND		19	6.6	ug/Kg	☼	11/14/22 10:29	11/24/22 09:28	1
PCB-1232	ND		19	4.6	ug/Kg	☼	11/14/22 10:29	11/24/22 09:28	1
PCB-1242	ND		19	2.7	ug/Kg	☼	11/14/22 10:29	11/24/22 09:28	1
PCB-1248	ND		19	4.5	ug/Kg	☼	11/14/22 10:29	11/24/22 09:28	1
PCB-1254	ND		19	5.6	ug/Kg	☼	11/14/22 10:29	11/24/22 09:28	1
PCB-1260	ND		19	5.3	ug/Kg	☼	11/14/22 10:29	11/24/22 09:28	1
PCB-1262	ND		19	6.6	ug/Kg	☼	11/14/22 10:29	11/24/22 09:28	1
PCB-1268	ND		19	2.5	ug/Kg	☼	11/14/22 10:29	11/24/22 09:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*	*11/14/22 10:29*	*11/24/22 09:28*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*63 - 138*	*11/14/22 10:29*	*11/24/22 09:28*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*55 - 135*	*11/14/22 10:29*	*11/24/22 09:28*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*11/14/22 10:29*	*11/24/22 09:28*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6400**		22	5.9	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Antimony	ND		2.2	0.40	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Arsenic	**4.7**		1.7	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Barium	**70**		22	0.40	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1

Client Sample ID: SSHS-IRM5A2-SCV69-0-0.17 — Lab Sample ID: 180-147752-7

Date Collected: 11/10/22 15:30 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 89.1**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.32	J	0.55	0.059	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Cadmium	0.16	J	0.55	0.053	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Calcium	8500		550	40	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Chromium	8.8		1.1	0.38	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Cobalt	6.3		1.1	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Copper	15		2.8	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Iron	13000		22	7.6	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Lead	20		1.1	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Magnesium	3200		550	51	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Manganese	410		1.7	1.2	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Nickel	14		4.4	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Potassium	760		550	87	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Selenium	0.69	J	2.2	0.52	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Silver	ND		1.1	0.089	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Sodium	ND		550	69	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Thallium	ND		2.2	0.44	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Vanadium	9.0		5.5	0.90	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1
Zinc	82		5.5	1.5	mg/Kg	☼	11/14/22 15:00	11/15/22 12:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	J	0.11	0.020	mg/Kg	☼	11/14/22 15:00	11/15/22 14:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.9		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	89.1		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV69-0.17-1 — Lab Sample ID: 180-147752-8

Date Collected: 11/10/22 15:35 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 94.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		3.3	3.2	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Benzene	ND		0.55	0.14	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Bromoform	ND		0.55	0.24	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Bromomethane	ND		1.1	0.55	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
2-Butanone (MEK)	ND		2.8	0.20	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Carbon disulfide	ND		0.55	0.15	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Carbon tetrachloride	ND		0.55	0.21	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Chlorobenzene	ND		0.55	0.098	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Chlorobromomethane	ND		0.55	0.16	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Chlorodibromomethane	ND		0.55	0.11	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Chloroethane	ND		0.55	0.29	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Chloroform	ND		0.55	0.54	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Chloromethane	ND		0.55	0.24	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
cis-1,2-Dichloroethene	ND		0.55	0.20	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
cis-1,3-Dichloropropene	ND		0.55	0.15	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Cyclohexane	ND		0.55	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1

Client Sample ID: SSHS-IRM5A2-SCV69-0.17-1 **Lab Sample ID: 180-147752-8**
Date Collected: 11/10/22 15:35 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		0.55	0.25	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,2-Dibromoethane	ND		0.55	0.10	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,2-Dichlorobenzene	ND		0.55	0.20	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,3-Dichlorobenzene	ND		0.55	0.20	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,4-Dichlorobenzene	ND		0.55	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Dichlorobromomethane	ND		0.55	0.14	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Dichlorodifluoromethane	ND		0.55	0.19	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,1-Dichloroethane	ND		0.55	0.11	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,2-Dichloroethane	ND		0.55	0.16	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,1-Dichloroethene	ND		0.55	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,2-Dichloroethene, Total	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,2-Dichloropropane	ND	*+	0.55	0.23	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,4-Dioxane	ND		55	5.1	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Ethylbenzene	ND		0.55	0.11	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
2-Hexanone	ND		2.8	0.95	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Isopropylbenzene	ND		0.55	0.16	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Methyl acetate	ND		2.8	2.4	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Methylcyclohexane	ND		0.55	0.28	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Methylene Chloride	ND		1.1	0.63	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
4-Methyl-2-pentanone (MIBK)	ND		2.8	0.86	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Methyl tert-butyl ether	ND		0.55	0.28	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
m-Xylene & p-Xylene	**0.11**	**J**	0.55	0.096	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
o-Xylene	ND		0.55	0.11	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Styrene	ND		0.55	0.15	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,1,2,2-Tetrachloroethane	ND		0.55	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Tetrachloroethene	ND		0.55	0.17	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Toluene	ND		0.55	0.13	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
trans-1,2-Dichloroethene	ND		0.55	0.14	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
trans-1,3-Dichloropropene	ND		0.55	0.15	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,2,3-Trichlorobenzene	ND		0.55	0.10	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,2,4-Trichlorobenzene	ND		0.55	0.20	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,1,1-Trichloroethane	ND		0.55	0.13	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,1,2-Trichloroethane	ND		0.55	0.098	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Trichloroethene	ND		0.55	0.18	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Trichlorofluoromethane	ND		0.55	0.22	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.55	0.17	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Vinyl chloride	ND		0.55	0.30	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1
Xylenes, Total	**0.11**	**J**	1.1	0.096	ug/Kg	☼	11/12/22 09:36	11/21/22 09:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*75 - 139*	*11/12/22 09:36*	*11/21/22 09:21*	*1*
Dibromofluoromethane (Surr)	*124*		*73 - 139*	*11/12/22 09:36*	*11/21/22 09:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*147*	*S1+*	*72 - 145*	*11/12/22 09:36*	*11/21/22 09:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/12/22 09:36*	*11/21/22 09:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	9.9	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Acenaphthylene	ND		350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Acetophenone	ND		350	17	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1

Client Sample ID: SSHS-IRM5A2-SCV69-0.17-1 **Lab Sample ID: 180-147752-8**
Date Collected: 11/10/22 15:35 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		350	11	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Benzaldehyde	ND		350	58	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Benzo[a]anthracene	**18**	**J**	35	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Benzo[a]pyrene	**15**	**J**	35	9.3	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Benzo[b]fluoranthene	**26**	**J**	35	9.0	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Benzo[g,h,i]perylene	ND		350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Benzo[k]fluoranthene	ND		35	6.8	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Bis(2-chloroethoxy)methane	ND		350	27	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Bis(2-ethylhexyl) phthalate	ND		350	18	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Butyl benzyl phthalate	ND		350	16	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Caprolactam	ND		350	54	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Carbazole	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
4-Chloroaniline	ND		350	62	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2-Chlorophenol	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Chrysene	**21**	**J**	350	5.9	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Dibenzofuran	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
3,3'-Dichlorobenzidine	ND		140	53	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2,4-Dimethylphenol	ND		350	42	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Dimethyl phthalate	ND		350	79	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Di-n-butyl phthalate	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2,4-Dinitrotoluene	ND		71	38	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2,6-Dinitrotoluene	ND		71	25	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Di-n-octyl phthalate	ND		350	18	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
1,4-Dioxane	ND		35	30	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Fluoranthene	**26**	**J**	350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Fluorene	ND		350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Hexachlorobenzene	ND		35	17	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Hexachlorobutadiene	ND		71	7.4	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Hexachlorocyclopentadiene	ND		350	31	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Indeno[1,2,3-cd]pyrene	ND		35	14	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2-Methylnaphthalene	ND		350	9.8	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Naphthalene	ND		350	6.0	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1

Client Sample ID: SSHS-IRM5A2-SCV69-0.17-1 **Lab Sample ID: 180-147752-8**
Date Collected: 11/10/22 15:35 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		350	83	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
4-Nitroaniline	ND		350	40	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Nitrobenzene	ND		35	19	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
4-Nitrophenol	ND		710	57	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
N-Nitrosodi-n-propylamine	ND		35	25	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2,2'-oxybis[1-chloropropane]	ND		350	6.3	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Pentachlorophenol	ND		280	72	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Phenanthrene	ND		350	6.1	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Phenol	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
Pyrene	**22**	**J**	350	8.7	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2,3,4,6-Tetrachlorophenol	ND		350	24	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	11/15/22 22:14	11/16/22 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*22 - 122*	*11/15/22 22:14*	*11/16/22 18:40*	*1*
2-Fluorophenol (Surr)	*61*		*18 - 123*	*11/15/22 22:14*	*11/16/22 18:40*	*1*
Nitrobenzene-d5 (Surr)	*68*		*16 - 125*	*11/15/22 22:14*	*11/16/22 18:40*	*1*
Phenol-d5 (Surr)	*68*		*23 - 120*	*11/15/22 22:14*	*11/16/22 18:40*	*1*
Terphenyl-d14 (Surr)	*89*		*25 - 126*	*11/15/22 22:14*	*11/16/22 18:40*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 123*	*11/15/22 22:14*	*11/16/22 18:40*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/14/22 10:29	11/24/22 09:47	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/14/22 10:29	11/24/22 09:47	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/14/22 10:29	11/24/22 09:47	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:29	11/24/22 09:47	1
PCB-1248	ND		18	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 09:47	1
PCB-1254	ND		18	5.3	ug/Kg	☼	11/14/22 10:29	11/24/22 09:47	1
PCB-1260	ND		18	5.0	ug/Kg	☼	11/14/22 10:29	11/24/22 09:47	1
PCB-1262	ND		18	6.2	ug/Kg	☼	11/14/22 10:29	11/24/22 09:47	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:29	11/24/22 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*11/14/22 10:29*	*11/24/22 09:47*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*63 - 138*	*11/14/22 10:29*	*11/24/22 09:47*	*1*
Tetrachloro-m-xylene (Surr)	*67*		*55 - 135*	*11/14/22 10:29*	*11/24/22 09:47*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*55 - 135*	*11/14/22 10:29*	*11/24/22 09:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6300**		16	4.4	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Antimony	ND		1.6	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Arsenic	**5.5**		1.2	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Barium	**70**		16	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Beryllium	**0.27**	**J**	0.41	0.044	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1

Client Sample ID: SSHS-IRM5A2-SCV69-0.17-1 Lab Sample ID: 180-147752-8

Date Collected: 11/10/22 15:35 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.2**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.22	J	0.41	0.039	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Calcium	18000		410	30	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Chromium	8.6		0.82	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Cobalt	5.4		0.82	0.16	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Copper	21		2.0	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Iron	13000		16	5.7	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Lead	60		0.82	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Magnesium	4400		410	38	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Manganese	370		1.2	0.91	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Nickel	13		3.3	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Potassium	550		410	65	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Selenium	0.46	J	1.6	0.38	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Silver	ND		0.82	0.066	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Sodium	64	J	410	51	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Thallium	ND		1.6	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Vanadium	10		4.1	0.67	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1
Zinc	120		4.1	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 12:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.11	0.020	mg/Kg	☼	11/14/22 15:00	11/15/22 14:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.8		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	94.2		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV69-1-2 Lab Sample ID: 180-147752-9

Date Collected: 11/10/22 15:40 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 93.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		3.2	3.0	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Benzene	ND		0.53	0.14	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Bromoform	ND		0.53	0.22	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Bromomethane	ND		1.1	0.53	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
2-Butanone (MEK)	ND		2.6	0.19	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Carbon disulfide	ND		0.53	0.14	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Carbon tetrachloride	ND		0.53	0.20	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Chlorobenzene	ND		0.53	0.093	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Chlorobromomethane	ND		0.53	0.15	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Chlorodibromomethane	ND		0.53	0.10	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Chloroethane	ND		0.53	0.27	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Chloroform	ND		0.53	0.51	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Chloromethane	ND		0.53	0.23	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
cis-1,2-Dichloroethene	ND		0.53	0.19	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
cis-1,3-Dichloropropene	ND		0.53	0.14	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Cyclohexane	ND		0.53	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,2-Dibromo-3-Chloropropane	ND		0.53	0.24	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1

Client Sample ID: SSHS-IRM5A2-SCV69-1-2
Date Collected: 11/10/22 15:40
Date Received: 11/11/22 09:00

Lab Sample ID: 180-147752-9
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.53	0.095	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,2-Dichlorobenzene	ND		0.53	0.19	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,3-Dichlorobenzene	ND		0.53	0.19	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,4-Dichlorobenzene	ND		0.53	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Dichlorobromomethane	ND		0.53	0.14	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Dichlorodifluoromethane	ND		0.53	0.18	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,1-Dichloroethane	ND		0.53	0.11	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,2-Dichloroethane	ND		0.53	0.16	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,1-Dichloroethene	ND		0.53	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,2-Dichloroethene, Total	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,2-Dichloropropane	ND	*+	0.53	0.22	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,4-Dioxane	ND		53	4.8	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Ethylbenzene	ND		0.53	0.10	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
2-Hexanone	ND		2.6	0.90	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Isopropylbenzene	ND		0.53	0.15	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Methyl acetate	ND		2.6	2.3	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Methylcyclohexane	ND		0.53	0.26	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Methylene Chloride	ND		1.1	0.60	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
4-Methyl-2-pentanone (MIBK)	ND		2.6	0.82	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Methyl tert-butyl ether	ND		0.53	0.27	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
m-Xylene & p-Xylene	ND		0.53	0.092	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
o-Xylene	ND		0.53	0.10	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Styrene	ND		0.53	0.15	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,1,2,2-Tetrachloroethane	ND		0.53	0.11	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Tetrachloroethene	ND		0.53	0.16	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Toluene	ND		0.53	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
trans-1,2-Dichloroethene	ND		0.53	0.13	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
trans-1,3-Dichloropropene	ND		0.53	0.14	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,2,3-Trichlorobenzene	ND		0.53	0.095	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,2,4-Trichlorobenzene	ND		0.53	0.19	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,1,1-Trichloroethane	ND		0.53	0.12	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,1,2-Trichloroethane	ND		0.53	0.094	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Trichloroethene	ND		0.53	0.17	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Trichlorofluoromethane	ND		0.53	0.21	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.53	0.16	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Vinyl chloride	ND		0.53	0.29	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1
Xylenes, Total	ND		1.1	0.092	ug/Kg	☼	11/12/22 09:36	11/21/22 09:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*75 - 139*	*11/12/22 09:36*	*11/21/22 09:44*	*1*
Dibromofluoromethane (Surr)	*116*		*73 - 139*	*11/12/22 09:36*	*11/21/22 09:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*		*72 - 145*	*11/12/22 09:36*	*11/21/22 09:44*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*11/12/22 09:36*	*11/21/22 09:44*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Acenaphthylene	ND		350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Acetophenone	ND		350	17	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Anthracene	ND		350	11	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV69-1-2 **Lab Sample ID: 180-147752-9**
Date Collected: 11/10/22 15:40 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 93.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Benzaldehyde	ND		350	58	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Benzo[a]anthracene	**59**		35	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Benzo[a]pyrene	**64**		35	9.4	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Benzo[b]fluoranthene	**97**		35	9.1	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Benzo[g,h,i]perylene	**46**	**J**	350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Benzo[k]fluoranthene	**40**		35	6.9	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Bis(2-chloroethoxy)methane	ND		350	28	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Bis(2-ethylhexyl) phthalate	ND		350	19	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Butyl benzyl phthalate	ND		350	17	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Caprolactam	ND		350	55	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Carbazole	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
4-Chloroaniline	ND		350	63	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2-Chlorophenol	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Chrysene	**73**	**J**	350	6.0	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Dibenzofuran	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
3,3'-Dichlorobenzidine	ND		140	53	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2,4-Dimethylphenol	ND		350	42	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Dimethyl phthalate	ND		350	80	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Di-n-butyl phthalate	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Di-n-octyl phthalate	ND		350	19	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
1,4-Dioxane	ND		35	31	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Fluoranthene	**120**	**J**	350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Fluorene	ND		350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Hexachlorobenzene	ND		35	17	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Hexachlorobutadiene	ND		72	7.5	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Hexachlorocyclopentadiene	ND		350	31	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Indeno[1,2,3-cd]pyrene	**55**		35	14	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2-Methylnaphthalene	ND		350	9.9	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Naphthalene	ND		350	6.1	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
3-Nitroaniline	ND		350	84	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1

Client Sample ID: SSHS-IRM5A2-SCV69-1-2
Date Collected: 11/10/22 15:40
Date Received: 11/11/22 09:00

Lab Sample ID: 180-147752-9
Matrix: Solid
Percent Solids: 93.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		350	41	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Nitrobenzene	ND		35	20	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
N-Nitrosodi-n-propylamine	ND		35	26	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2,2'-oxybis[1-chloropropane]	ND		350	6.4	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Pentachlorophenol	ND		280	72	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Phenanthrene	**46**	**J**	350	6.2	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Phenol	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
Pyrene	**98**	**J**	350	8.8	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2,3,4,6-Tetrachlorophenol	ND		350	24	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	11/15/22 22:14	11/16/22 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*22 - 122*	*11/15/22 22:14*	*11/16/22 22:44*	*1*
2-Fluorophenol (Surr)	*64*		*18 - 123*	*11/15/22 22:14*	*11/16/22 22:44*	*1*
Nitrobenzene-d5 (Surr)	*69*		*16 - 125*	*11/15/22 22:14*	*11/16/22 22:44*	*1*
Phenol-d5 (Surr)	*71*		*23 - 120*	*11/15/22 22:14*	*11/16/22 22:44*	*1*
Terphenyl-d14 (Surr)	*95*		*25 - 126*	*11/15/22 22:14*	*11/16/22 22:44*	*1*
2,4,6-Tribromophenol (Surr)	*104*		*10 - 123*	*11/15/22 22:14*	*11/16/22 22:44*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/14/22 10:29	11/24/22 10:05	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/14/22 10:29	11/24/22 10:05	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/14/22 10:29	11/24/22 10:05	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:29	11/24/22 10:05	1
PCB-1248	ND		18	4.3	ug/Kg	☼	11/14/22 10:29	11/24/22 10:05	1
PCB-1254	ND		18	5.4	ug/Kg	☼	11/14/22 10:29	11/24/22 10:05	1
PCB-1260	ND		18	5.1	ug/Kg	☼	11/14/22 10:29	11/24/22 10:05	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/14/22 10:29	11/24/22 10:05	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:29	11/24/22 10:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*11/14/22 10:29*	*11/24/22 10:05*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*63 - 138*	*11/14/22 10:29*	*11/24/22 10:05*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*55 - 135*	*11/14/22 10:29*	*11/24/22 10:05*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*11/14/22 10:29*	*11/24/22 10:05*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5100**		15	3.9	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Antimony	ND		1.5	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Arsenic	**4.2**		1.1	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Barium	**54**		15	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Beryllium	**0.21**	**J**	0.37	0.040	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Cadmium	**0.15**	**J**	0.37	0.035	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1

Client Sample ID: SSHS-IRM5A2-SCV69-1-2 — Lab Sample ID: 180-147752-9

Date Collected: 11/10/22 15:40 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 93.1**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	42000		370	27	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Chromium	7.2		0.74	0.25	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Cobalt	5.4		0.74	0.15	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Copper	15		1.8	0.17	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Iron	11000		15	5.1	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Lead	20		0.74	0.21	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Magnesium	4400		370	34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Manganese	360		1.1	0.82	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Nickel	13		2.9	0.17	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Potassium	600		370	58	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Selenium	ND		1.5	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Silver	ND		0.74	0.060	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Sodium	67	J	370	46	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Thallium	ND		1.5	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Vanadium	8.3		3.7	0.60	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1
Zinc	81		3.7	1.0	mg/Kg	☼	11/14/22 15:00	11/15/22 12:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050	J	0.099	0.018	mg/Kg	☼	11/14/22 15:00	11/15/22 14:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.9		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	93.1		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV70-0-0.17 — Lab Sample ID: 180-147752-10

Date Collected: 11/10/22 15:42 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 87.8**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.4	6.1	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Benzene	ND		1.1	0.27	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Bromoform	ND		1.1	0.45	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Bromomethane	ND		2.1	1.1	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
2-Butanone (MEK)	ND		5.3	0.39	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Carbon disulfide	ND		1.1	0.28	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Carbon tetrachloride	ND		1.1	0.41	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Chlorobenzene	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Chlorobromomethane	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Chlorodibromomethane	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Chloroethane	ND		1.1	0.55	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Chloroform	ND		1.1	1.0	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Chloromethane	ND		1.1	0.46	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
cis-1,2-Dichloroethene	ND		1.1	0.38	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
cis-1,3-Dichloropropene	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Cyclohexane	ND		1.1	0.23	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.49	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,2-Dibromoethane	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1

Client Sample ID: SSHS-IRM5A2-SCV70-0-0.17 **Lab Sample ID: 180-147752-10**
Date Collected: 11/10/22 15:42 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 87.8**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.1	0.38	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,3-Dichlorobenzene	ND		1.1	0.39	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,4-Dichlorobenzene	ND		1.1	0.24	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Dichlorobromomethane	ND		1.1	0.27	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Dichlorodifluoromethane	ND		1.1	0.36	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,1-Dichloroethane	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,2-Dichloroethane	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,1-Dichloroethene	ND		1.1	0.24	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,2-Dichloroethene, Total	ND		2.1	0.40	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,2-Dichloropropane	ND	*+	1.1	0.45	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,4-Dioxane	ND		110	9.7	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Ethylbenzene	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
2-Hexanone	ND		5.3	1.8	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Isopropylbenzene	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Methyl acetate	ND		5.3	4.6	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Methylcyclohexane	ND		1.1	0.53	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Methylene Chloride	ND		2.1	1.2	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.6	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Methyl tert-butyl ether	ND		1.1	0.54	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
m-Xylene & p-Xylene	ND		1.1	0.18	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
o-Xylene	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Styrene	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.23	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Tetrachloroethene	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Toluene	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
trans-1,2-Dichloroethene	ND		1.1	0.26	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
trans-1,3-Dichloropropene	ND		1.1	0.28	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,2,3-Trichlorobenzene	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,2,4-Trichlorobenzene	ND		1.1	0.38	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,1,1-Trichloroethane	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Trichloroethene	ND		1.1	0.34	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Trichlorofluoromethane	ND		1.1	0.43	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Vinyl chloride	ND		1.1	0.58	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1
Xylenes, Total	ND		2.1	0.18	ug/Kg	☼	11/12/22 09:35	11/21/22 10:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*75 - 139*	*11/12/22 09:35*	*11/21/22 10:07*	*1*
Dibromofluoromethane (Surr)	*127*		*73 - 139*	*11/12/22 09:35*	*11/21/22 10:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*139*		*72 - 145*	*11/12/22 09:35*	*11/21/22 10:07*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/12/22 09:35*	*11/21/22 10:07*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Acenaphthylene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Acetophenone	ND		370	18	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Anthracene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Atrazine	ND		150	22	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV70-0-0.17 **Lab Sample ID: 180-147752-10**
Date Collected: 11/10/22 15:42 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 87.8**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		370	62	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Benzo[a]anthracene	**130**		37	13	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Benzo[a]pyrene	**130**		37	10	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Benzo[b]fluoranthene	**220**		37	9.7	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Benzo[g,h,i]perylene	**100**	**J**	370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Benzo[k]fluoranthene	**86**		37	7.4	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Bis(2-ethylhexyl) phthalate	ND		370	20	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Butyl benzyl phthalate	ND		370	18	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Caprolactam	ND		370	58	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Carbazole	ND		370	14	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
4-Chloroaniline	ND		370	67	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Chrysene	**150**	**J**	370	6.3	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Dibenz(a,h)anthracene	**37**		37	16	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Dibenzofuran	ND		370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
3,3'-Dichlorobenzidine	ND		150	57	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2,4-Dimethylphenol	ND		370	45	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Dimethyl phthalate	ND		370	85	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Di-n-butyl phthalate	ND		370	14	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2,4-Dinitrophenol	ND		300	180	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2,4-Dinitrotoluene	ND		76	40	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2,6-Dinitrotoluene	ND		76	27	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Di-n-octyl phthalate	ND		370	20	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
1,4-Dioxane	ND		37	33	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Fluoranthene	**260**	**J**	370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Fluorene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Hexachlorobenzene	ND		37	18	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Hexachlorobutadiene	ND		76	8.0	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Hexachlorocyclopentadiene	ND		370	33	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Indeno[1,2,3-cd]pyrene	**120**		37	15	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Isophorone	ND		150	110	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2-Methylnaphthalene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Methylphenol, 3 & 4	ND		370	23	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Naphthalene	ND		370	6.5	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2-Nitroaniline	ND		370	29	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
3-Nitroaniline	ND		370	89	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
4-Nitroaniline	ND		370	43	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1

Client Sample ID: SSHS-IRM5A2-SCV70-0-0.17 **Lab Sample ID: 180-147752-10**
Date Collected: 11/10/22 15:42 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 87.8**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		37	21	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2-Nitrophenol	ND		370	38	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
4-Nitrophenol	ND		760	61	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
N-Nitrosodiphenylamine	ND		370	31	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2,2'-oxybis[1-chloropropane]	ND		370	6.8	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Pentachlorophenol	ND		300	77	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Phenanthrene	**76**	**J**	370	6.6	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Phenol	ND		370	14	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
Pyrene	**210**	**J**	370	9.3	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
1,2,4,5-Tetrachlorobenzene	ND		370	12	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2,4,5-Trichlorophenol	ND		370	38	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	11/15/22 22:14	11/16/22 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*22 - 122*	*11/15/22 22:14*	*11/16/22 21:38*	*1*
2-Fluorophenol (Surr)	*71*		*18 - 123*	*11/15/22 22:14*	*11/16/22 21:38*	*1*
Nitrobenzene-d5 (Surr)	*77*		*16 - 125*	*11/15/22 22:14*	*11/16/22 21:38*	*1*
Phenol-d5 (Surr)	*80*		*23 - 120*	*11/15/22 22:14*	*11/16/22 21:38*	*1*
Terphenyl-d14 (Surr)	*100*		*25 - 126*	*11/15/22 22:14*	*11/16/22 21:38*	*1*
2,4,6-Tribromophenol (Surr)	*114*		*10 - 123*	*11/15/22 22:14*	*11/16/22 21:38*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	11/14/22 10:29	11/24/22 10:24	1
PCB-1221	ND		19	6.7	ug/Kg	☼	11/14/22 10:29	11/24/22 10:24	1
PCB-1232	ND		19	4.6	ug/Kg	☼	11/14/22 10:29	11/24/22 10:24	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/14/22 10:29	11/24/22 10:24	1
PCB-1248	ND		19	4.6	ug/Kg	☼	11/14/22 10:29	11/24/22 10:24	1
PCB-1254	ND		19	5.7	ug/Kg	☼	11/14/22 10:29	11/24/22 10:24	1
PCB-1260	ND		19	5.4	ug/Kg	☼	11/14/22 10:29	11/24/22 10:24	1
PCB-1262	ND		19	6.7	ug/Kg	☼	11/14/22 10:29	11/24/22 10:24	1
PCB-1268	ND		19	2.5	ug/Kg	☼	11/14/22 10:29	11/24/22 10:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*63 - 138*	*11/14/22 10:29*	*11/24/22 10:24*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*63 - 138*	*11/14/22 10:29*	*11/24/22 10:24*	*1*
Tetrachloro-m-xylene (Surr)	*71*		*55 - 135*	*11/14/22 10:29*	*11/24/22 10:24*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*55 - 135*	*11/14/22 10:29*	*11/24/22 10:24*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7500**		20	5.3	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Antimony	ND		2.0	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Arsenic	**5.9**		1.5	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Barium	**83**		20	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Beryllium	**0.36**	**J**	0.50	0.054	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Cadmium	**0.26**	**J**	0.50	0.048	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Calcium	**5900**		500	36	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1

Client Sample ID: SSHS-IRM5A2-SCV70-0-0.17 — Lab Sample ID: 180-147752-10

Date Collected: 11/10/22 15:42 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 87.8**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	10		1.0	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Cobalt	7.3		1.0	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Copper	16		2.5	0.24	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Iron	15000		20	6.9	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Lead	27		1.0	0.28	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Magnesium	3000		500	46	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Manganese	470		1.5	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Nickel	16		4.0	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Potassium	990		500	79	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Selenium	ND		2.0	0.47	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Silver	ND		1.0	0.081	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Sodium	69	J	500	63	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Thallium	ND		2.0	0.40	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Vanadium	11		5.0	0.82	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1
Zinc	120		5.0	1.4	mg/Kg	☼	11/14/22 15:00	11/15/22 12:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.064	J	0.13	0.024	mg/Kg	☼	11/14/22 15:00	11/15/22 14:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.2		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	87.8		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV70-0.17-1 — Lab Sample ID: 180-147752-11

Date Collected: 11/10/22 15:50 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 96.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.8	6.4	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Benzene	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Bromoform	ND		1.1	0.48	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Bromomethane	ND		2.3	1.1	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
2-Butanone (MEK)	ND		5.6	0.42	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Carbon disulfide	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Carbon tetrachloride	ND		1.1	0.44	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Chlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Chlorobromomethane	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Chlorodibromomethane	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Chloroethane	ND		1.1	0.59	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Chloroform	ND		1.1	1.1	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Chloromethane	ND		1.1	0.49	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
cis-1,2-Dichloroethene	ND		1.1	0.40	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
cis-1,3-Dichloropropene	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Cyclohexane	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.52	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,2-Dibromoethane	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,2-Dichlorobenzene	ND		1.1	0.41	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1

Client Sample ID: SSHS-IRM5A2-SCV70-0.17-1 **Lab Sample ID: 180-147752-11**
Date Collected: 11/10/22 15:50 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.1	0.41	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,4-Dichlorobenzene	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Dichlorobromomethane	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Dichlorodifluoromethane	ND		1.1	0.38	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,1-Dichloroethane	ND		1.1	0.23	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,2-Dichloroethane	ND		1.1	0.33	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,1-Dichloroethene	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,2-Dichloroethene, Total	ND		2.3	0.43	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,2-Dichloropropane	ND		1.1	0.48	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,4-Dioxane	ND		110	10	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Ethylbenzene	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
2-Hexanone	ND		5.6	1.9	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Isopropylbenzene	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Methyl acetate	ND		5.6	4.8	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Methylcyclohexane	ND		1.1	0.56	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Methylene Chloride	ND	*-	2.3	1.3	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.6	1.8	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Methyl tert-butyl ether	ND		1.1	0.58	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
m-Xylene & p-Xylene	**0.27**	**J**	1.1	0.20	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
o-Xylene	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Styrene	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.24	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Tetrachloroethene	ND		1.1	0.34	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Toluene	**0.31**	**J**	1.1	0.26	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
trans-1,2-Dichloroethene	ND		1.1	0.28	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
trans-1,3-Dichloropropene	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,2,3-Trichlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,2,4-Trichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,1,1-Trichloroethane	ND		1.1	0.26	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Trichloroethene	ND		1.1	0.36	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Trichlorofluoromethane	ND		1.1	0.46	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.34	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Vinyl chloride	ND		1.1	0.62	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1
Xylenes, Total	**0.27**	**J**	2.3	0.20	ug/Kg	☼	11/12/22 09:35	11/17/22 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*75 - 139*	*11/12/22 09:35*	*11/17/22 04:22*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 139*	*11/12/22 09:35*	*11/17/22 04:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*143*		*72 - 145*	*11/12/22 09:35*	*11/17/22 04:22*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/12/22 09:35*	*11/17/22 04:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	9.8	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Acenaphthylene	ND		340	9.8	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Acetophenone	ND		340	17	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Anthracene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Benzaldehyde	ND		340	57	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1

Client Sample ID: SSHS-IRM5A2-SCV70-0.17-1 **Lab Sample ID: 180-147752-11**
Date Collected: 11/10/22 15:50 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**30**	**J**	34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Benzo[a]pyrene	**24**	**J**	34	9.2	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Benzo[b]fluoranthene	**35**		34	8.9	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Benzo[g,h,i]perylene	**15**	**J**	340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Benzo[k]fluoranthene	**17**	**J**	34	6.8	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Bis(2-chloroethoxy)methane	ND		340	27	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
4-Bromophenyl phenyl ether	ND		340	14	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Caprolactam	ND		340	54	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Carbazole	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
4-Chloroaniline	ND		340	61	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Chrysene	**33**	**J**	340	5.8	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Dibenzofuran	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
3,3'-Dichlorobenzidine	ND		140	52	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2,4-Dimethylphenol	ND		340	41	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Dimethyl phthalate	ND		340	78	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Di-n-butyl phthalate	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2,4-Dinitrotoluene	ND		70	37	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2,6-Dinitrotoluene	ND		70	25	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
1,4-Dioxane	ND		34	30	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Fluoranthene	**48**	**J**	340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Fluorene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Hexachlorobenzene	ND		34	16	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Hexachlorobutadiene	ND		70	7.3	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Hexachlorocyclopentadiene	ND		340	30	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Hexachloroethane	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Indeno[1,2,3-cd]pyrene	ND		34	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2-Methylnaphthalene	ND		340	9.6	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2-Methylphenol	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Methylphenol, 3 & 4	ND		340	22	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Naphthalene	ND		340	6.0	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
3-Nitroaniline	ND		340	82	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
4-Nitroaniline	ND		340	40	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Nitrobenzene	ND		34	19	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1

Client Sample ID: SSHS-IRM5A2-SCV70-0.17-1 Lab Sample ID: 180-147752-11

Date Collected: 11/10/22 15:50 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		340	34	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
4-Nitrophenol	ND		700	56	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2,2'-oxybis[1-chloropropane]	ND		340	6.2	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Pentachlorophenol	ND		280	71	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Phenanthrene	ND		340	6.1	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Phenol	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
Pyrene	**41**	**J**	340	8.6	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
1,2,4,5-Tetrachlorobenzene	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2,3,4,6-Tetrachlorophenol	ND		340	23	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1
2,4,6-Trichlorophenol	ND		140	44	ug/Kg	☼	11/15/22 22:14	11/16/22 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*22 - 122*	*11/15/22 22:14*	*11/16/22 17:33*	*1*
2-Fluorophenol (Surr)	*56*		*18 - 123*	*11/15/22 22:14*	*11/16/22 17:33*	*1*
Nitrobenzene-d5 (Surr)	*67*		*16 - 125*	*11/15/22 22:14*	*11/16/22 17:33*	*1*
Phenol-d5 (Surr)	*67*		*23 - 120*	*11/15/22 22:14*	*11/16/22 17:33*	*1*
Terphenyl-d14 (Surr)	*90*		*25 - 126*	*11/15/22 22:14*	*11/16/22 17:33*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 123*	*11/15/22 22:14*	*11/16/22 17:33*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.6	ug/Kg	☼	11/14/22 10:29	11/24/22 10:42	1
PCB-1221	ND		17	6.1	ug/Kg	☼	11/14/22 10:29	11/24/22 10:42	1
PCB-1232	ND		17	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 10:42	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/14/22 10:29	11/24/22 10:42	1
PCB-1248	ND		17	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 10:42	1
PCB-1254	ND		17	5.2	ug/Kg	☼	11/14/22 10:29	11/24/22 10:42	1
PCB-1260	ND		17	4.9	ug/Kg	☼	11/14/22 10:29	11/24/22 10:42	1
PCB-1262	ND		17	6.1	ug/Kg	☼	11/14/22 10:29	11/24/22 10:42	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:29	11/24/22 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*11/14/22 10:29*	*11/24/22 10:42*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*63 - 138*	*11/14/22 10:29*	*11/24/22 10:42*	*1*
Tetrachloro-m-xylene (Surr)	*68*		*55 - 135*	*11/14/22 10:29*	*11/24/22 10:42*	*1*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*	*11/14/22 10:29*	*11/24/22 10:42*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7300**		18	4.9	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Antimony	ND		1.8	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Arsenic	**6.7**		1.4	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Barium	**49**		18	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Beryllium	**0.27**	**J**	0.46	0.049	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Cadmium	**0.085**	**J**	0.46	0.044	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Calcium	**34000**		460	33	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Chromium	**9.8**		0.91	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1

Client Sample ID: SSHS-IRM5A2-SCV70-0.17-1 — Lab Sample ID: 180-147752-11

Date Collected: 11/10/22 15:50 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 96.0**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.4		0.91	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Copper	19		2.3	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Iron	17000		18	6.3	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Lead	12		0.91	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Magnesium	4200		460	42	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Manganese	450		1.4	1.0	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Nickel	18		3.7	0.21	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Potassium	630		460	72	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Selenium	ND		1.8	0.43	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Silver	ND		0.91	0.074	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Sodium	80	J	460	57	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Thallium	ND		1.8	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Vanadium	11		4.6	0.75	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1
Zinc	73		4.6	1.2	mg/Kg	☼	11/14/22 15:00	11/15/22 12:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031	J	0.096	0.017	mg/Kg	☼	11/14/22 15:00	11/15/22 14:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.0		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	96.0		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV70-1-2 — Lab Sample ID: 180-147752-12

Date Collected: 11/10/22 15:55 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 94.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Benzene	ND		0.99	0.26	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Bromoform	ND		0.99	0.42	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Bromomethane	ND		2.0	0.99	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Carbon disulfide	ND		0.99	0.26	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Carbon tetrachloride	ND		0.99	0.38	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Chlorobenzene	ND		0.99	0.18	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Chlorobromomethane	ND		0.99	0.28	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Chlorodibromomethane	ND		0.99	0.19	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Chloroethane	ND		0.99	0.52	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Chloroform	ND		0.99	0.97	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Chloromethane	ND		0.99	0.43	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
cis-1,2-Dichloroethene	ND		0.99	0.36	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
cis-1,3-Dichloropropene	ND		0.99	0.27	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Cyclohexane	ND		0.99	0.22	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,2-Dibromo-3-Chloropropane	ND		0.99	0.46	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,2-Dibromoethane	ND		0.99	0.18	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,2-Dichlorobenzene	ND		0.99	0.36	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,3-Dichlorobenzene	ND		0.99	0.36	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV70-1-2 **Lab Sample ID: 180-147752-12**
Date Collected: 11/10/22 15:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.99	0.22	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Dichlorobromomethane	ND		0.99	0.26	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Dichlorodifluoromethane	ND		0.99	0.34	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,1-Dichloroethane	ND		0.99	0.20	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,2-Dichloroethane	ND		0.99	0.29	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,1-Dichloroethene	ND		0.99	0.22	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,2-Dichloropropane	ND	*+	0.99	0.42	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,4-Dioxane	ND		99	9.1	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Ethylbenzene	ND		0.99	0.20	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
2-Hexanone	ND		5.0	1.7	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Isopropylbenzene	ND		0.99	0.28	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Methyl acetate	ND		5.0	4.3	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Methylcyclohexane	ND		0.99	0.50	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Methylene Chloride	ND		2.0	1.1	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.5	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Methyl tert-butyl ether	ND		0.99	0.51	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
m-Xylene & p-Xylene	**0.32**	**J**	0.99	0.17	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
o-Xylene	ND		0.99	0.19	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Styrene	ND		0.99	0.28	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,1,2,2-Tetrachloroethane	ND		0.99	0.21	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Tetrachloroethene	ND		0.99	0.30	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Toluene	**0.39**	**J**	0.99	0.23	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
trans-1,2-Dichloroethene	ND		0.99	0.24	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
trans-1,3-Dichloropropene	ND		0.99	0.26	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,2,3-Trichlorobenzene	ND		0.99	0.18	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,2,4-Trichlorobenzene	ND		0.99	0.36	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,1,1-Trichloroethane	ND		0.99	0.23	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,1,2-Trichloroethane	ND		0.99	0.18	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Trichloroethene	ND		0.99	0.32	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Trichlorofluoromethane	ND		0.99	0.40	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.99	0.30	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Vinyl chloride	ND		0.99	0.54	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1
Xylenes, Total	**0.32**	**J**	2.0	0.17	ug/Kg	☼	11/12/22 09:37	11/21/22 10:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*75 - 139*	*11/12/22 09:37*	*11/21/22 10:30*	*1*
Dibromofluoromethane (Surr)	*121*		*73 - 139*	*11/12/22 09:37*	*11/21/22 10:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*132*		*72 - 145*	*11/12/22 09:37*	*11/21/22 10:30*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/12/22 09:37*	*11/21/22 10:30*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Acenaphthylene	ND		350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Acetophenone	ND		350	17	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Anthracene	ND		350	11	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Atrazine	ND		140	21	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Benzaldehyde	ND		350	58	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Benzo[a]anthracene	**43**		35	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1

Client Sample ID: SSHS-IRM5A2-SCV70-1-2 **Lab Sample ID: 180-147752-12**
Date Collected: 11/10/22 15:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**40**		35	9.3	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Benzo[b]fluoranthene	**59**		35	9.1	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Benzo[g,h,i]perylene	**25**	**J**	350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Benzo[k]fluoranthene	**27**	**J**	35	6.9	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Bis(2-chloroethoxy)methane	ND		350	27	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Bis(2-ethylhexyl) phthalate	ND		350	19	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Butyl benzyl phthalate	ND		350	16	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Caprolactam	ND		350	55	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Carbazole	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
4-Chloroaniline	ND		350	62	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2-Chlorophenol	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Chrysene	**43**	**J**	350	5.9	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Dibenzofuran	ND		350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
3,3'-Dichlorobenzidine	ND		140	53	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2,4-Dimethylphenol	ND		350	42	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Dimethyl phthalate	ND		350	80	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Di-n-butyl phthalate	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2,4-Dinitrotoluene	ND		71	38	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2,6-Dinitrotoluene	ND		71	25	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Di-n-octyl phthalate	ND		350	19	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
1,4-Dioxane	ND		35	31	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Fluoranthene	**71**	**J**	350	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Fluorene	ND		350	10	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Hexachlorobenzene	ND		35	17	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Hexachlorobutadiene	ND		71	7.5	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Hexachlorocyclopentadiene	ND		350	31	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Indeno[1,2,3-cd]pyrene	**33**	**J**	35	14	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2-Methylnaphthalene	ND		350	9.8	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Naphthalene	ND		350	6.1	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
3-Nitroaniline	ND		350	83	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
4-Nitroaniline	ND		350	40	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Nitrobenzene	ND		35	19	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2-Nitrophenol	ND		350	35	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1

Client Sample ID: SSHS-IRM5A2-SCV70-1-2 Lab Sample ID: 180-147752-12

Date Collected: 11/10/22 15:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		710	57	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
N-Nitrosodi-n-propylamine	ND		35	25	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2,2'-oxybis[1-chloropropane]	ND		350	6.3	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Pentachlorophenol	ND		280	72	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Phenanthrene	**17**	**J**	350	6.2	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Phenol	ND		350	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
Pyrene	**58**	**J**	350	8.7	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2,3,4,6-Tetrachlorophenol	ND		350	24	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	11/15/22 22:14	11/16/22 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*22 - 122*	*11/15/22 22:14*	*11/16/22 22:00*	*1*
2-Fluorophenol (Surr)	*60*		*18 - 123*	*11/15/22 22:14*	*11/16/22 22:00*	*1*
Nitrobenzene-d5 (Surr)	*69*		*16 - 125*	*11/15/22 22:14*	*11/16/22 22:00*	*1*
Phenol-d5 (Surr)	*71*		*23 - 120*	*11/15/22 22:14*	*11/16/22 22:00*	*1*
Terphenyl-d14 (Surr)	*90*		*25 - 126*	*11/15/22 22:14*	*11/16/22 22:00*	*1*
2,4,6-Tribromophenol (Surr)	*105*		*10 - 123*	*11/15/22 22:14*	*11/16/22 22:00*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/14/22 10:29	11/24/22 11:01	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/14/22 10:29	11/24/22 11:01	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/14/22 10:29	11/24/22 11:01	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/14/22 10:29	11/24/22 11:01	1
PCB-1248	ND		18	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 11:01	1
PCB-1254	ND		18	5.3	ug/Kg	☼	11/14/22 10:29	11/24/22 11:01	1
PCB-1260	ND		18	5.0	ug/Kg	☼	11/14/22 10:29	11/24/22 11:01	1
PCB-1262	ND		18	6.2	ug/Kg	☼	11/14/22 10:29	11/24/22 11:01	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/14/22 10:29	11/24/22 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*11/14/22 10:29*	*11/24/22 11:01*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*11/14/22 10:29*	*11/24/22 11:01*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*55 - 135*	*11/14/22 10:29*	*11/24/22 11:01*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*11/14/22 10:29*	*11/24/22 11:01*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8000**		19	5.0	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Antimony	ND		1.9	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Arsenic	**7.0**		1.4	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Barium	**67**		19	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Beryllium	**0.35**	**J**	0.47	0.051	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Cadmium	**0.33**	**J**	0.47	0.045	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Calcium	**10000**		470	34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Chromium	**11**		0.94	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Cobalt	**7.6**		0.94	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1

Client Sample ID: SSHS-IRM5A2-SCV70-1-2 Lab Sample ID: 180-147752-12

Date Collected: 11/10/22 15:55 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 94.2**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	21		2.3	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Iron	17000		19	6.5	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Lead	38		0.94	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Magnesium	4300		470	43	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Manganese	420		1.4	1.0	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Nickel	18		3.8	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Potassium	750		470	74	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Selenium	0.59	J	1.9	0.44	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Silver	ND		0.94	0.076	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Sodium	69	J	470	59	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Thallium	ND		1.9	0.37	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Vanadium	12		4.7	0.77	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1
Zinc	170		4.7	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 12:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.075	J	0.11	0.020	mg/Kg	☼	11/14/22 15:00	11/15/22 14:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	5.8		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	94.2		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV71-0-0.17 Lab Sample ID: 180-147752-13

Date Collected: 11/10/22 16:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 87.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	11		6.9	6.6	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Benzene	ND		1.1	0.30	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Bromoform	ND		1.1	0.49	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Bromomethane	ND		2.3	1.1	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
2-Butanone (MEK)	ND		5.7	0.42	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Carbon disulfide	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Carbon tetrachloride	ND		1.1	0.44	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Chlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Chlorobromomethane	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Chlorodibromomethane	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Chloroethane	ND		1.1	0.60	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Chloroform	ND		1.1	1.1	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Chloromethane	ND		1.1	0.50	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
cis-1,2-Dichloroethene	ND		1.1	0.41	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
cis-1,3-Dichloropropene	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Cyclohexane	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.53	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,2-Dibromoethane	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,2-Dichlorobenzene	ND		1.1	0.41	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,3-Dichlorobenzene	ND		1.1	0.42	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,4-Dichlorobenzene	ND		1.1	0.26	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1

Client Sample ID: SSHS-IRM5A2-SCV71-0-0.17 **Lab Sample ID: 180-147752-13**
Date Collected: 11/10/22 16:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 87.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		1.1	0.29	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Dichlorodifluoromethane	ND		1.1	0.39	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,1-Dichloroethane	ND		1.1	0.24	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,2-Dichloroethane	ND		1.1	0.34	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,1-Dichloroethene	ND		1.1	0.26	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,2-Dichloroethene, Total	ND		2.3	0.44	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,2-Dichloropropane	ND		1.1	0.49	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,4-Dioxane	ND		110	11	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Ethylbenzene	ND		1.1	0.23	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
2-Hexanone	ND		5.7	2.0	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Isopropylbenzene	ND		1.1	0.33	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Methyl acetate	ND		5.7	4.9	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Methylcyclohexane	ND		1.1	0.57	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Methylene Chloride	ND		2.3	1.3	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	1.8	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Methyl tert-butyl ether	ND		1.1	0.59	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
m-Xylene & p-Xylene	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
o-Xylene	ND		1.1	0.22	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Styrene	ND		1.1	0.32	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.25	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Tetrachloroethene	ND		1.1	0.35	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Toluene	**0.30**	**J**	1.1	0.27	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
trans-1,2-Dichloroethene	ND		1.1	0.28	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
trans-1,3-Dichloropropene	ND		1.1	0.31	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,2,3-Trichlorobenzene	ND		1.1	0.21	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,2,4-Trichlorobenzene	ND		1.1	0.41	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,1,1-Trichloroethane	ND		1.1	0.27	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Trichloroethene	ND		1.1	0.37	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Trichlorofluoromethane	ND		1.1	0.47	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.35	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Vinyl chloride	ND		1.1	0.63	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1
Xylenes, Total	ND		2.3	0.20	ug/Kg	☼	11/12/22 09:38	11/22/22 07:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*75 - 139*	*11/12/22 09:38*	*11/22/22 07:33*	*1*
Dibromofluoromethane (Surr)	*99*		*73 - 139*	*11/12/22 09:38*	*11/22/22 07:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 145*	*11/12/22 09:38*	*11/22/22 07:33*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/12/22 09:38*	*11/22/22 07:33*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	11	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Acenaphthylene	ND		380	11	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Acetophenone	ND		380	19	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Anthracene	ND		380	11	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Atrazine	ND		150	22	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Benzaldehyde	ND		380	62	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Benzo[a]anthracene	**40**		38	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Benzo[a]pyrene	**41**		38	10	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1

Client Sample ID: SSHS-IRM5A2-SCV71-0-0.17 **Lab Sample ID: 180-147752-13**
Date Collected: 11/10/22 16:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 87.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**64**		38	9.8	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Benzo[g,h,i]perylene	**29**	**J**	380	11	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Benzo[k]fluoranthene	**22**	**J**	38	7.4	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Bis(2-chloroethoxy)methane	ND		380	29	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Caprolactam	ND		380	59	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Carbazole	ND		380	14	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
4-Chloroaniline	ND		380	67	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
4-Chloro-3-methylphenol	ND		380	21	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2-Chloronaphthalene	ND		380	17	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2-Chlorophenol	ND		380	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
4-Chlorophenyl phenyl ether	ND		380	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Chrysene	**46**	**J**	380	6.4	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Dibenz(a,h)anthracene	ND		38	16	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Dibenzofuran	ND		380	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
3,3'-Dichlorobenzidine	ND		150	57	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2,4-Dimethylphenol	ND		380	45	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Dimethyl phthalate	ND		380	86	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Di-n-butyl phthalate	ND		380	14	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2,4-Dinitrophenol	ND		300	190	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2,4-Dinitrotoluene	ND		76	41	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2,6-Dinitrotoluene	ND		76	27	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Di-n-octyl phthalate	ND		380	20	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
1,4-Dioxane	ND		38	33	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Fluoranthene	**74**	**J**	380	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Fluorene	ND		380	11	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Hexachlorobutadiene	ND		76	8.0	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Hexachlorocyclopentadiene	ND		380	33	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Hexachloroethane	ND		38	13	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Indeno[1,2,3-cd]pyrene	**38**		38	15	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Isophorone	ND		150	110	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2-Methylnaphthalene	ND		380	11	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2-Methylphenol	ND		380	14	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Methylphenol, 3 & 4	ND		380	24	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Naphthalene	ND		380	6.5	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
3-Nitroaniline	ND		380	90	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
4-Nitroaniline	ND		380	43	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Nitrobenzene	ND		38	21	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2-Nitrophenol	ND		380	38	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
4-Nitrophenol	ND		760	61	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1

Client Sample ID: SSHS-IRM5A2-SCV71-0-0.17 **Lab Sample ID: 180-147752-13**
Date Collected: 11/10/22 16:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 87.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		38	27	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
N-Nitrosodiphenylamine	ND		380	31	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2,2'-oxybis[1-chloropropane]	ND		380	6.8	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Pentachlorophenol	ND		300	77	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Phenanthrene	**26**	**J**	380	6.6	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Phenol	ND		380	14	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
Pyrene	**61**	**J**	380	9.4	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
1,2,4,5-Tetrachlorobenzene	ND		380	12	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2,3,4,6-Tetrachlorophenol	ND		380	26	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2,4,5-Trichlorophenol	ND		380	38	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	11/15/22 22:14	11/16/22 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*22 - 122*	*11/15/22 22:14*	*11/16/22 22:22*	*1*
2-Fluorophenol (Surr)	*57*		*18 - 123*	*11/15/22 22:14*	*11/16/22 22:22*	*1*
Nitrobenzene-d5 (Surr)	*65*		*16 - 125*	*11/15/22 22:14*	*11/16/22 22:22*	*1*
Phenol-d5 (Surr)	*68*		*23 - 120*	*11/15/22 22:14*	*11/16/22 22:22*	*1*
Terphenyl-d14 (Surr)	*85*		*25 - 126*	*11/15/22 22:14*	*11/16/22 22:22*	*1*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 123*	*11/15/22 22:14*	*11/16/22 22:22*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	11/14/22 10:29	11/24/22 11:19	1
PCB-1221	ND		19	6.7	ug/Kg	☼	11/14/22 10:29	11/24/22 11:19	1
PCB-1232	ND		19	4.6	ug/Kg	☼	11/14/22 10:29	11/24/22 11:19	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/14/22 10:29	11/24/22 11:19	1
PCB-1248	ND		19	4.6	ug/Kg	☼	11/14/22 10:29	11/24/22 11:19	1
PCB-1254	ND		19	5.7	ug/Kg	☼	11/14/22 10:29	11/24/22 11:19	1
PCB-1260	ND		19	5.4	ug/Kg	☼	11/14/22 10:29	11/24/22 11:19	1
PCB-1262	ND		19	6.7	ug/Kg	☼	11/14/22 10:29	11/24/22 11:19	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/14/22 10:29	11/24/22 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*63 - 138*	*11/14/22 10:29*	*11/24/22 11:19*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*	*11/14/22 10:29*	*11/24/22 11:19*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*55 - 135*	*11/14/22 10:29*	*11/24/22 11:19*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*55 - 135*	*11/14/22 10:29*	*11/24/22 11:19*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7400**		19	5.0	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Antimony	ND		1.9	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Arsenic	**6.0**		1.4	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Barium	**88**		19	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Beryllium	**0.35**	**J**	0.47	0.051	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Cadmium	**0.63**		0.47	0.045	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Calcium	**13000**		470	34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Chromium	**10**		0.94	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Cobalt	**7.1**		0.94	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Copper	**19**		2.4	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1

Client Sample ID: SSHS-IRM5A2-SCV71-0-0.17 — Lab Sample ID: 180-147752-13

Date Collected: 11/10/22 16:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 87.6**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	16000		19	6.5	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Lead	52		0.94	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Magnesium	4000		470	43	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Manganese	490		1.4	1.0	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Nickel	17		3.8	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Potassium	990		470	75	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Selenium	0.61	J	1.9	0.44	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Silver	ND		0.94	0.076	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Sodium	69	J	470	59	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Thallium	ND		1.9	0.38	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Vanadium	11		4.7	0.78	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1
Zinc	500		4.7	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 12:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.095	J	0.11	0.021	mg/Kg	☼	11/14/22 15:00	11/15/22 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.4		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	87.6		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV71-0.17-1 — Lab Sample ID: 180-147752-14

Date Collected: 11/10/22 16:05 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.4		5.3	5.0	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Benzene	ND		0.88	0.23	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Bromoform	ND		0.88	0.38	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Bromomethane	ND		1.8	0.88	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
2-Butanone (MEK)	ND		4.4	0.32	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Carbon disulfide	ND		0.88	0.23	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Carbon tetrachloride	ND		0.88	0.34	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Chlorobenzene	ND		0.88	0.16	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Chlorobromomethane	ND		0.88	0.25	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Chlorodibromomethane	ND		0.88	0.17	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Chloroethane	ND		0.88	0.46	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Chloroform	ND		0.88	0.86	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Chloromethane	ND		0.88	0.38	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
cis-1,2-Dichloroethene	ND		0.88	0.32	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
cis-1,3-Dichloropropene	ND		0.88	0.24	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Cyclohexane	ND		0.88	0.20	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,2-Dibromo-3-Chloropropane	ND		0.88	0.41	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,2-Dibromoethane	ND		0.88	0.16	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,2-Dichlorobenzene	ND		0.88	0.32	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,3-Dichlorobenzene	ND		0.88	0.32	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,4-Dichlorobenzene	ND		0.88	0.20	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Dichlorobromomethane	ND		0.88	0.23	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV71-0.17-1
Lab Sample ID: 180-147752-14
Date Collected: 11/10/22 16:05
Matrix: Solid
Date Received: 11/11/22 09:00
Percent Solids: 97.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.88	0.30	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,1-Dichloroethane	ND		0.88	0.18	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,2-Dichloroethane	ND		0.88	0.26	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,1-Dichloroethene	ND		0.88	0.20	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,2-Dichloroethene, Total	ND		1.8	0.34	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,2-Dichloropropane	ND	*+	0.88	0.37	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,4-Dioxane	ND		88	8.1	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Ethylbenzene	ND		0.88	0.18	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
2-Hexanone	ND		4.4	1.5	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Isopropylbenzene	ND		0.88	0.25	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Methyl acetate	ND		4.4	3.8	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Methylcyclohexane	ND		0.88	0.44	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Methylene Chloride	ND		1.8	1.0	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
4-Methyl-2-pentanone (MIBK)	ND		4.4	1.4	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Methyl tert-butyl ether	ND		0.88	0.45	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
m-Xylene & p-Xylene	**0.28**	**J**	0.88	0.15	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
o-Xylene	ND		0.88	0.17	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Styrene	ND		0.88	0.25	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,1,2,2-Tetrachloroethane	ND		0.88	0.19	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Tetrachloroethene	ND		0.88	0.27	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Toluene	**0.60**	**J**	0.88	0.21	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
trans-1,2-Dichloroethene	ND		0.88	0.22	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
trans-1,3-Dichloropropene	ND		0.88	0.23	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,2,3-Trichlorobenzene	ND		0.88	0.16	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,2,4-Trichlorobenzene	ND		0.88	0.32	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,1,1-Trichloroethane	ND		0.88	0.21	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,1,2-Trichloroethane	ND		0.88	0.16	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Trichloroethene	ND		0.88	0.28	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Trichlorofluoromethane	ND		0.88	0.36	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.88	0.27	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Vinyl chloride	ND		0.88	0.48	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1
Xylenes, Total	**0.28**	**J**	1.8	0.15	ug/Kg	☼	11/12/22 09:38	11/21/22 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*75 - 139*	*11/12/22 09:38*	*11/21/22 12:48*	*1*
Dibromofluoromethane (Surr)	*124*		*73 - 139*	*11/12/22 09:38*	*11/21/22 12:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*135*		*72 - 145*	*11/12/22 09:38*	*11/21/22 12:48*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*11/12/22 09:38*	*11/21/22 12:48*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	9.6	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Acenaphthylene	ND		340	9.6	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Acetophenone	ND		340	17	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Anthracene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Benzaldehyde	ND		340	56	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Benzo[a]anthracene	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Benzo[a]pyrene	ND		34	9.0	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Benzo[b]fluoranthene	ND		34	8.7	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV71-0.17-1 **Lab Sample ID: 180-147752-14**
Date Collected: 11/10/22 16:05 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 97.9**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		340	9.9	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Benzo[k]fluoranthene	ND		34	6.6	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Bis(2-chloroethoxy)methane	ND		340	26	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
4-Bromophenyl phenyl ether	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Caprolactam	ND		340	52	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Carbazole	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
4-Chloroaniline	ND		340	60	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Chrysene	ND		340	5.7	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Dibenzofuran	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
3,3'-Dichlorobenzidine	ND		140	51	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2,4-Dimethylphenol	ND		340	40	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Dimethyl phthalate	ND		340	77	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Di-n-butyl phthalate	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2,4-Dinitrophenol	ND		270	170	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2,4-Dinitrotoluene	ND		68	36	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2,6-Dinitrotoluene	ND		68	24	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
1,4-Dioxane	ND		34	29	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Fluoranthene	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Fluorene	ND		340	9.9	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Hexachlorobenzene	ND		34	16	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Hexachlorobutadiene	ND		68	7.2	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Hexachlorocyclopentadiene	ND		340	30	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Hexachloroethane	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Indeno[1,2,3-cd]pyrene	ND		34	13	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Isophorone	ND		140	97	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2-Methylnaphthalene	ND		340	9.4	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2-Methylphenol	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Methylphenol, 3 & 4	ND		340	21	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Naphthalene	ND		340	5.8	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
3-Nitroaniline	ND		340	80	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
4-Nitroaniline	ND		340	39	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Nitrobenzene	ND		34	19	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2-Nitrophenol	ND		340	34	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
4-Nitrophenol	ND		680	55	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
N-Nitrosodi-n-propylamine	ND		34	24	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1

Client Sample ID: SSHS-IRM5A2-SCV71-0.17-1 **Lab Sample ID: 180-147752-14**
Date Collected: 11/10/22 16:05 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 97.9**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2,2'-oxybis[1-chloropropane]	ND		340	6.1	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Pentachlorophenol	ND		270	69	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Phenanthrene	ND		340	5.9	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Phenol	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
Pyrene	ND		340	8.4	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
1,2,4,5-Tetrachlorobenzene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2,3,4,6-Tetrachlorophenol	ND		340	23	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2,4,5-Trichlorophenol	ND		340	34	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1
2,4,6-Trichlorophenol	ND		140	43	ug/Kg	☼	11/15/22 22:14	11/16/22 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*22 - 122*	*11/15/22 22:14*	*11/16/22 16:48*	*1*
2-Fluorophenol (Surr)	*67*		*18 - 123*	*11/15/22 22:14*	*11/16/22 16:48*	*1*
Nitrobenzene-d5 (Surr)	*71*		*16 - 125*	*11/15/22 22:14*	*11/16/22 16:48*	*1*
Phenol-d5 (Surr)	*73*		*23 - 120*	*11/15/22 22:14*	*11/16/22 16:48*	*1*
Terphenyl-d14 (Surr)	*90*		*25 - 126*	*11/15/22 22:14*	*11/16/22 16:48*	*1*
2,4,6-Tribromophenol (Surr)	*101*		*10 - 123*	*11/15/22 22:14*	*11/16/22 16:48*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.5	ug/Kg	☼	11/14/22 10:29	11/24/22 11:38	1
PCB-1221	ND		17	6.0	ug/Kg	☼	11/14/22 10:29	11/24/22 11:38	1
PCB-1232	ND		17	4.1	ug/Kg	☼	11/14/22 10:29	11/24/22 11:38	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/14/22 10:29	11/24/22 11:38	1
PCB-1248	ND		17	4.1	ug/Kg	☼	11/14/22 10:29	11/24/22 11:38	1
PCB-1254	ND		17	5.1	ug/Kg	☼	11/14/22 10:29	11/24/22 11:38	1
PCB-1260	ND		17	4.8	ug/Kg	☼	11/14/22 10:29	11/24/22 11:38	1
PCB-1262	ND		17	6.0	ug/Kg	☼	11/14/22 10:29	11/24/22 11:38	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:29	11/24/22 11:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*66*		*63 - 138*	*11/14/22 10:29*	*11/24/22 11:38*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*11/14/22 10:29*	*11/24/22 11:38*	*1*
Tetrachloro-m-xylene (Surr)	*61*		*55 - 135*	*11/14/22 10:29*	*11/24/22 11:38*	*1*
Tetrachloro-m-xylene (Surr)	*70*		*55 - 135*	*11/14/22 10:29*	*11/24/22 11:38*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5800**		19	5.0	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Antimony	ND		1.9	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Arsenic	**4.3**		1.4	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Barium	**42**		19	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Beryllium	**0.18**	**J**	0.47	0.051	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Cadmium	**0.089**	**J**	0.47	0.045	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Calcium	**27000**		470	34	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Chromium	**7.6**		0.94	0.32	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Cobalt	**5.3**		0.94	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Copper	**15**		2.3	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Iron	**13000**		19	6.5	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1

Client Sample ID: SSHS-IRM5A2-SCV71-0.17-1 Lab Sample ID: 180-147752-14

Date Collected: 11/10/22 16:05 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 97.9**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	12		0.94	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Magnesium	6700		470	43	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Manganese	330		1.4	1.0	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Nickel	13		3.7	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Potassium	480		470	74	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Selenium	ND		1.9	0.44	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Silver	ND		0.94	0.076	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Sodium	80	J	470	59	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Thallium	ND		1.9	0.37	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Vanadium	8.6		4.7	0.77	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1
Zinc	68		4.7	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 12:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.097	0.018	mg/Kg	☼	11/14/22 15:00	11/15/22 14:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.1		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	97.9		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV71-1-2 Lab Sample ID: 180-147752-15

Date Collected: 11/10/22 16:10 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.3	5.0	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Benzene	ND		0.88	0.23	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Bromoform	ND		0.88	0.37	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Bromomethane	ND		1.8	0.88	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
2-Butanone (MEK)	ND		4.4	0.32	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Carbon disulfide	ND		0.88	0.23	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Carbon tetrachloride	ND		0.88	0.34	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Chlorobenzene	ND		0.88	0.16	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Chlorobromomethane	ND		0.88	0.25	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Chlorodibromomethane	ND		0.88	0.17	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Chloroethane	ND		0.88	0.46	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Chloroform	ND		0.88	0.85	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Chloromethane	ND		0.88	0.38	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
cis-1,2-Dichloroethene	ND		0.88	0.31	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
cis-1,3-Dichloropropene	ND		0.88	0.24	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Cyclohexane	ND		0.88	0.19	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,2-Dibromo-3-Chloropropane	ND		0.88	0.40	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,2-Dibromoethane	ND		0.88	0.16	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,2-Dichlorobenzene	ND		0.88	0.32	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,3-Dichlorobenzene	ND		0.88	0.32	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,4-Dichlorobenzene	ND		0.88	0.20	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Dichlorobromomethane	ND		0.88	0.23	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Dichlorodifluoromethane	ND		0.88	0.30	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1

Client Sample ID: SSHS-IRM5A2-SCV71-1-2 **Lab Sample ID: 180-147752-15**
Date Collected: 11/10/22 16:10 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.88	0.18	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,2-Dichloroethane	ND		0.88	0.26	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,1-Dichloroethene	ND		0.88	0.20	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,2-Dichloroethene, Total	ND		1.8	0.34	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,2-Dichloropropane	ND	*+	0.88	0.37	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,4-Dioxane	ND		88	8.1	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Ethylbenzene	ND		0.88	0.17	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
2-Hexanone	ND		4.4	1.5	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Isopropylbenzene	ND		0.88	0.25	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Methyl acetate	ND		4.4	3.8	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Methylcyclohexane	ND		0.88	0.44	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Methylene Chloride	ND		1.8	1.0	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
4-Methyl-2-pentanone (MIBK)	ND		4.4	1.4	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Methyl tert-butyl ether	ND		0.88	0.45	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
m-Xylene & p-Xylene	ND		0.88	0.15	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
o-Xylene	ND		0.88	0.17	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Styrene	ND		0.88	0.24	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,1,2,2-Tetrachloroethane	ND		0.88	0.19	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Tetrachloroethene	ND		0.88	0.27	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Toluene	ND		0.88	0.21	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
trans-1,2-Dichloroethene	ND		0.88	0.22	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
trans-1,3-Dichloropropene	ND		0.88	0.23	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,2,3-Trichlorobenzene	ND		0.88	0.16	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,2,4-Trichlorobenzene	ND		0.88	0.31	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,1,1-Trichloroethane	ND		0.88	0.20	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,1,2-Trichloroethane	ND		0.88	0.16	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Trichloroethene	ND		0.88	0.28	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Trichlorofluoromethane	ND		0.88	0.36	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.88	0.26	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Vinyl chloride	ND		0.88	0.48	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1
Xylenes, Total	ND		1.8	0.15	ug/Kg	☼	11/12/22 09:39	11/21/22 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*75 - 139*	*11/12/22 09:39*	*11/21/22 13:11*	*1*
Dibromofluoromethane (Surr)	*118*		*73 - 139*	*11/12/22 09:39*	*11/21/22 13:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*72 - 145*	*11/12/22 09:39*	*11/21/22 13:11*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*11/12/22 09:39*	*11/21/22 13:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	9.7	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Acenaphthylene	ND		340	9.8	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Acetophenone	ND		340	17	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Anthracene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Benzaldehyde	ND		340	56	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Benzo[a]anthracene	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Benzo[a]pyrene	ND		34	9.1	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Benzo[b]fluoranthene	ND		34	8.8	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Benzo[g,h,i]perylene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV71-1-2
Lab Sample ID: 180-147752-15
Date Collected: 11/10/22 16:10
Matrix: Solid
Date Received: 11/11/22 09:00
Percent Solids: 96.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		34	6.7	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Bis(2-chloroethoxy)methane	ND		340	27	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
4-Bromophenyl phenyl ether	ND		340	14	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Caprolactam	ND		340	53	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Carbazole	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
4-Chloroaniline	ND		340	61	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Chrysene	ND		340	5.8	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Dibenzofuran	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
3,3'-Dichlorobenzidine	ND		140	52	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2,4-Dimethylphenol	ND		340	41	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Dimethyl phthalate	ND		340	77	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Di-n-butyl phthalate	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2,4-Dinitrophenol	ND		270	170	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2,4-Dinitrotoluene	ND		69	37	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2,6-Dinitrotoluene	ND		69	25	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
1,4-Dioxane	ND		34	30	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Fluoranthene	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Fluorene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Hexachlorobenzene	ND		34	16	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Hexachlorobutadiene	ND		69	7.3	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Hexachlorocyclopentadiene	ND		340	30	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Hexachloroethane	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Indeno[1,2,3-cd]pyrene	ND		34	13	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Isophorone	ND		140	99	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2-Methylnaphthalene	ND		340	9.5	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2-Methylphenol	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Methylphenol, 3 & 4	ND		340	21	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Naphthalene	ND		340	5.9	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
3-Nitroaniline	ND		340	81	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
4-Nitroaniline	ND		340	39	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Nitrobenzene	ND		34	19	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2-Nitrophenol	ND		340	34	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
4-Nitrophenol	ND		690	56	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1

Client Sample ID: SSHS-IRM5A2-SCV71-1-2 Lab Sample ID: 180-147752-15

Date Collected: 11/10/22 16:10 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 96.9**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		340	6.2	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Pentachlorophenol	ND		270	70	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Phenanthrene	ND		340	6.0	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Phenol	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
Pyrene	ND		340	8.5	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
1,2,4,5-Tetrachlorobenzene	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2,3,4,6-Tetrachlorophenol	ND		340	23	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1
2,4,6-Trichlorophenol	ND		140	44	ug/Kg	☼	11/15/22 22:14	11/16/22 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*22 - 122*	*11/15/22 22:14*	*11/16/22 18:18*	*1*
2-Fluorophenol (Surr)	*56*		*18 - 123*	*11/15/22 22:14*	*11/16/22 18:18*	*1*
Nitrobenzene-d5 (Surr)	*65*		*16 - 125*	*11/15/22 22:14*	*11/16/22 18:18*	*1*
Phenol-d5 (Surr)	*68*		*23 - 120*	*11/15/22 22:14*	*11/16/22 18:18*	*1*
Terphenyl-d14 (Surr)	*88*		*25 - 126*	*11/15/22 22:14*	*11/16/22 18:18*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 123*	*11/15/22 22:14*	*11/16/22 18:18*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.6	ug/Kg	☼	11/14/22 10:29	11/24/22 11:56	1
PCB-1221	ND		17	6.1	ug/Kg	☼	11/14/22 10:29	11/24/22 11:56	1
PCB-1232	ND		17	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 11:56	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/14/22 10:29	11/24/22 11:56	1
PCB-1248	ND		17	4.1	ug/Kg	☼	11/14/22 10:29	11/24/22 11:56	1
PCB-1254	ND		17	5.2	ug/Kg	☼	11/14/22 10:29	11/24/22 11:56	1
PCB-1260	ND		17	4.9	ug/Kg	☼	11/14/22 10:29	11/24/22 11:56	1
PCB-1262	ND		17	6.0	ug/Kg	☼	11/14/22 10:29	11/24/22 11:56	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:29	11/24/22 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*11/14/22 10:29*	*11/24/22 11:56*	*1*
DCB Decachlorobiphenyl (Surr)	*84*		*63 - 138*	*11/14/22 10:29*	*11/24/22 11:56*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*55 - 135*	*11/14/22 10:29*	*11/24/22 11:56*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*11/14/22 10:29*	*11/24/22 11:56*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5400**		17	4.5	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Antimony	ND		1.7	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Arsenic	**3.9**		1.3	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Barium	**51**		17	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Beryllium	**0.18**	**J**	0.42	0.045	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Cadmium	**0.14**	**J**	0.42	0.040	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Calcium	**32000**		420	31	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Chromium	**7.1**		0.84	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Cobalt	**5.0**		0.84	0.17	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Copper	**15**		2.1	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Iron	**12000**		17	5.8	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Lead	**17**		0.84	0.24	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1

Client Sample ID: SSHS-IRM5A2-SCV71-1-2 — Lab Sample ID: 180-147752-15

Date Collected: 11/10/22 16:10 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 96.9**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	6600		420	39	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Manganese	360		1.3	0.93	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Nickel	13		3.4	0.20	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Potassium	470		420	67	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Selenium	ND		1.7	0.39	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Silver	ND		0.84	0.068	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Sodium	87	J	420	53	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Thallium	ND		1.7	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Vanadium	9.2		4.2	0.69	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1
Zinc	76		4.2	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 13:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041	J	0.11	0.021	mg/Kg	☼	11/14/22 15:00	11/15/22 14:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	3.1		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	96.9		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP3 — Lab Sample ID: 180-147752-16

Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4.7	4.5	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Benzene	ND		0.79	0.20	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Bromoform	ND		0.79	0.33	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Bromomethane	ND		1.6	0.79	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
2-Butanone (MEK)	ND		3.9	0.29	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Carbon disulfide	ND		0.79	0.21	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Carbon tetrachloride	ND		0.79	0.30	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Chlorobenzene	ND		0.79	0.14	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Chlorobromomethane	ND		0.79	0.22	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Chlorodibromomethane	ND		0.79	0.15	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Chloroethane	ND		0.79	0.41	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Chloroform	ND		0.79	0.76	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Chloromethane	ND		0.79	0.34	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
cis-1,2-Dichloroethene	ND		0.79	0.28	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
cis-1,3-Dichloropropene	ND		0.79	0.21	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Cyclohexane	ND		0.79	0.17	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,2-Dibromo-3-Chloropropane	ND		0.79	0.36	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,2-Dibromoethane	ND		0.79	0.14	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,2-Dichlorobenzene	ND		0.79	0.28	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,3-Dichlorobenzene	ND		0.79	0.29	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,4-Dichlorobenzene	ND		0.79	0.18	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Dichlorobromomethane	ND		0.79	0.20	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Dichlorodifluoromethane	ND		0.79	0.27	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,1-Dichloroethane	ND		0.79	0.16	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP3 Lab Sample ID: 180-147752-16

Date Collected: 11/10/22 00:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 97.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.79	0.23	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,1-Dichloroethene	ND		0.79	0.18	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,2-Dichloroethene, Total	ND		1.6	0.30	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,2-Dichloropropane	ND	*+	0.79	0.33	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,4-Dioxane	ND		79	7.2	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Ethylbenzene	ND		0.79	0.16	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
2-Hexanone	ND		3.9	1.3	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Isopropylbenzene	ND		0.79	0.22	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Methyl acetate	ND		3.9	3.4	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Methylcyclohexane	ND		0.79	0.39	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Methylene Chloride	ND		1.6	0.90	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
4-Methyl-2-pentanone (MIBK)	ND		3.9	1.2	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Methyl tert-butyl ether	ND		0.79	0.40	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
m-Xylene & p-Xylene	**0.19**	**J**	0.79	0.14	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
o-Xylene	ND		0.79	0.15	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Styrene	ND		0.79	0.22	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,1,2,2-Tetrachloroethane	ND		0.79	0.17	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Tetrachloroethene	ND		0.79	0.24	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Toluene	**0.30**	**J**	0.79	0.18	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
trans-1,2-Dichloroethene	ND		0.79	0.19	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
trans-1,3-Dichloropropene	ND		0.79	0.21	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,2,3-Trichlorobenzene	ND		0.79	0.14	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,2,4-Trichlorobenzene	ND		0.79	0.28	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,1,1-Trichloroethane	ND		0.79	0.18	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,1,2-Trichloroethane	ND		0.79	0.14	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Trichloroethene	ND		0.79	0.25	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Trichlorofluoromethane	ND		0.79	0.32	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.79	0.24	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Vinyl chloride	ND		0.79	0.43	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1
Xylenes, Total	**0.19**	**J**	1.6	0.14	ug/Kg	☼	11/12/22 09:39	11/21/22 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*75 - 139*	*11/12/22 09:39*	*11/21/22 13:34*	*1*
Dibromofluoromethane (Surr)	*116*		*73 - 139*	*11/12/22 09:39*	*11/21/22 13:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*72 - 145*	*11/12/22 09:39*	*11/21/22 13:34*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*11/12/22 09:39*	*11/21/22 13:34*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	9.7	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Acenaphthylene	ND		340	9.7	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Acetophenone	ND		340	17	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Anthracene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Benzaldehyde	ND		340	56	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Benzo[a]anthracene	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Benzo[a]pyrene	ND		34	9.0	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Benzo[b]fluoranthene	ND		34	8.8	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Benzo[g,h,i]perylene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Benzo[k]fluoranthene	ND		34	6.7	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV-DUP3 **Lab Sample ID: 180-147752-16**
Date Collected: 11/10/22 00:00 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 97.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Bis(2-chloroethoxy)methane	ND		340	26	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
4-Bromophenyl phenyl ether	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Caprolactam	ND		340	53	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Carbazole	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
4-Chloroaniline	ND		340	60	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Chrysene	ND		340	5.7	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Dibenzofuran	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
3,3'-Dichlorobenzidine	ND		140	51	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2,4-Dimethylphenol	ND		340	40	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Dimethyl phthalate	ND		340	77	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Di-n-butyl phthalate	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2,4-Dinitrophenol	ND		270	170	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2,4-Dinitrotoluene	ND		69	37	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2,6-Dinitrotoluene	ND		69	25	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
1,4-Dioxane	ND		34	30	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Fluoranthene	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Fluorene	ND		340	9.9	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Hexachlorobenzene	ND		34	16	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Hexachlorobutadiene	ND		69	7.2	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Hexachlorocyclopentadiene	ND		340	30	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Hexachloroethane	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Indeno[1,2,3-cd]pyrene	ND		34	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Isophorone	ND		140	98	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2-Methylnaphthalene	ND		340	9.5	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2-Methylphenol	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Methylphenol, 3 & 4	ND		340	21	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Naphthalene	ND		340	5.9	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
3-Nitroaniline	ND		340	81	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
4-Nitroaniline	ND		340	39	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Nitrobenzene	ND		34	19	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2-Nitrophenol	ND		340	34	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
4-Nitrophenol	ND		690	55	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2,2'-oxybis[1-chloropropane]	ND		340	6.1	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP3 — Lab Sample ID: 180-147752-16

Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		270	70	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Phenanthrene	ND		340	6.0	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Phenol	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
Pyrene	ND		340	8.4	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
1,2,4,5-Tetrachlorobenzene	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2,3,4,6-Tetrachlorophenol	ND		340	23	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1
2,4,6-Trichlorophenol	ND		140	44	ug/Kg	☼	11/15/22 22:14	11/16/22 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*22 - 122*	*11/15/22 22:14*	*11/16/22 20:09*	*1*
2-Fluorophenol (Surr)	*59*		*18 - 123*	*11/15/22 22:14*	*11/16/22 20:09*	*1*
Nitrobenzene-d5 (Surr)	*63*		*16 - 125*	*11/15/22 22:14*	*11/16/22 20:09*	*1*
Phenol-d5 (Surr)	*65*		*23 - 120*	*11/15/22 22:14*	*11/16/22 20:09*	*1*
Terphenyl-d14 (Surr)	*87*		*25 - 126*	*11/15/22 22:14*	*11/16/22 20:09*	*1*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 123*	*11/15/22 22:14*	*11/16/22 20:09*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.6	ug/Kg	☼	11/14/22 10:29	11/24/22 12:15	1
PCB-1221	ND		17	6.1	ug/Kg	☼	11/14/22 10:29	11/24/22 12:15	1
PCB-1232	ND		17	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 12:15	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/14/22 10:29	11/24/22 12:15	1
PCB-1248	ND		17	4.1	ug/Kg	☼	11/14/22 10:29	11/24/22 12:15	1
PCB-1254	ND		17	5.1	ug/Kg	☼	11/14/22 10:29	11/24/22 12:15	1
PCB-1260	ND		17	4.9	ug/Kg	☼	11/14/22 10:29	11/24/22 12:15	1
PCB-1262	ND		17	6.0	ug/Kg	☼	11/14/22 10:29	11/24/22 12:15	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:29	11/24/22 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*11/14/22 10:29*	*11/24/22 12:15*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*11/14/22 10:29*	*11/24/22 12:15*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*55 - 135*	*11/14/22 10:29*	*11/24/22 12:15*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*11/14/22 10:29*	*11/24/22 12:15*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5600**		19	5.1	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Antimony	ND		1.9	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Arsenic	**4.4**		1.4	0.30	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Barium	**52**		19	0.34	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Beryllium	**0.20**	**J**	0.48	0.051	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Cadmium	**0.13**	**J**	0.48	0.046	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Calcium	**36000**		480	35	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Chromium	**7.7**		0.95	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Cobalt	**5.2**		0.95	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Copper	**17**		2.4	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Iron	**13000**		19	6.6	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Lead	**20**		0.95	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Magnesium	**6800**		480	44	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP3 — Lab Sample ID: 180-147752-16

Date Collected: 11/10/22 00:00 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 97.2**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	410		1.4	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Nickel	13		3.8	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Potassium	550		480	76	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Selenium	ND		1.9	0.45	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Silver	ND		0.95	0.077	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Sodium	83	J	480	60	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Thallium	ND		1.9	0.38	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Vanadium	9.0		4.8	0.78	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1
Zinc	76		4.8	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 13:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	J	0.12	0.021	mg/Kg	☼	11/14/22 15:00	11/15/22 14:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.8		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	97.2		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV72-0-0.17 — Lab Sample ID: 180-147752-17

Date Collected: 11/10/22 16:15 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 87.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.4		4.1	3.9	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Benzene	ND		0.68	0.18	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Bromoform	ND		0.68	0.29	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Bromomethane	ND		1.4	0.68	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
2-Butanone (MEK)	ND		3.4	0.25	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Carbon disulfide	ND		0.68	0.18	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Carbon tetrachloride	ND		0.68	0.26	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Chlorobenzene	ND		0.68	0.12	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Chlorobromomethane	ND		0.68	0.19	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Chlorodibromomethane	ND		0.68	0.13	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Chloroethane	ND		0.68	0.36	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Chloroform	ND		0.68	0.66	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Chloromethane	ND		0.68	0.30	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
cis-1,2-Dichloroethene	ND		0.68	0.24	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
cis-1,3-Dichloropropene	ND		0.68	0.19	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Cyclohexane	ND		0.68	0.15	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,2-Dibromo-3-Chloropropane	ND		0.68	0.31	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,2-Dibromoethane	ND		0.68	0.12	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,2-Dichlorobenzene	ND		0.68	0.25	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,3-Dichlorobenzene	ND		0.68	0.25	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,4-Dichlorobenzene	ND		0.68	0.15	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Dichlorobromomethane	ND		0.68	0.18	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Dichlorodifluoromethane	ND		0.68	0.23	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,1-Dichloroethane	ND		0.68	0.14	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,2-Dichloroethane	ND		0.68	0.20	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1

Client Sample ID: SSHS-IRM5A2-SCV72-0-0.17 Lab Sample ID: 180-147752-17

Date Collected: 11/10/22 16:15 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 87.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.68	0.15	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,2-Dichloroethene, Total	ND		1.4	0.26	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,2-Dichloropropane	ND	*+	0.68	0.29	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,4-Dioxane	ND		68	6.3	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Ethylbenzene	ND		0.68	0.14	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
2-Hexanone	ND		3.4	1.2	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Isopropylbenzene	ND		0.68	0.19	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Methyl acetate	ND		3.4	2.9	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Methylcyclohexane	ND		0.68	0.34	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Methylene Chloride	ND		1.4	0.78	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
4-Methyl-2-pentanone (MIBK)	ND		3.4	1.1	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Methyl tert-butyl ether	ND		0.68	0.35	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
m-Xylene & p-Xylene	ND		0.68	0.12	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
o-Xylene	ND		0.68	0.13	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Styrene	ND		0.68	0.19	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,1,2,2-Tetrachloroethane	ND		0.68	0.15	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Tetrachloroethene	ND		0.68	0.21	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Toluene	**0.20**	**J**	0.68	0.16	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
trans-1,2-Dichloroethene	ND		0.68	0.17	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
trans-1,3-Dichloropropene	ND		0.68	0.18	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,2,3-Trichlorobenzene	ND		0.68	0.12	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,2,4-Trichlorobenzene	ND		0.68	0.24	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,1,1-Trichloroethane	ND		0.68	0.16	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,1,2-Trichloroethane	ND		0.68	0.12	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Trichloroethene	ND		0.68	0.22	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Trichlorofluoromethane	ND		0.68	0.28	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.68	0.21	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Vinyl chloride	ND		0.68	0.37	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1
Xylenes, Total	ND		1.4	0.12	ug/Kg	☼	11/12/22 09:39	11/21/22 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*75 - 139*	*11/12/22 09:39*	*11/21/22 14:21*	*1*
Dibromofluoromethane (Surr)	*125*		*73 - 139*	*11/12/22 09:39*	*11/21/22 14:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*147*	*S1+*	*72 - 145*	*11/12/22 09:39*	*11/21/22 14:21*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/12/22 09:39*	*11/21/22 14:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Acenaphthylene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Acetophenone	ND		370	18	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Anthracene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Atrazine	ND		150	22	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Benzaldehyde	ND		370	62	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Benzo[a]anthracene	**29**	**J**	37	13	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Benzo[a]pyrene	**28**	**J**	37	10	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Benzo[b]fluoranthene	**52**		37	9.7	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Benzo[g,h,i]perylene	**18**	**J**	370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Benzo[k]fluoranthene	ND		37	7.4	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1

Client Sample ID: SSHS-IRM5A2-SCV72-0-0.17 **Lab Sample ID: 180-147752-17**
Date Collected: 11/10/22 16:15 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 87.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Bis(2-ethylhexyl) phthalate	ND		370	20	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Butyl benzyl phthalate	ND		370	18	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Caprolactam	ND		370	58	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Carbazole	ND		370	14	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
4-Chloroaniline	ND		370	67	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Chrysene	**30**	**J**	370	6.4	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Dibenz(a,h)anthracene	ND		37	16	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Dibenzofuran	ND		370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
3,3'-Dichlorobenzidine	ND		150	57	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2,4-Dimethylphenol	ND		370	45	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Dimethyl phthalate	ND		370	85	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Di-n-butyl phthalate	ND		370	14	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2,4-Dinitrophenol	ND		300	180	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2,4-Dinitrotoluene	ND		76	40	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2,6-Dinitrotoluene	ND		76	27	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Di-n-octyl phthalate	ND		370	20	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
1,4-Dioxane	ND		37	33	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Fluoranthene	**50**	**J**	370	13	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Fluorene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Hexachlorobenzene	ND		37	18	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Hexachlorobutadiene	ND		76	8.0	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Hexachlorocyclopentadiene	ND		370	33	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Indeno[1,2,3-cd]pyrene	**22**	**J**	37	15	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Isophorone	ND		150	110	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2-Methylnaphthalene	ND		370	11	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Methylphenol, 3 & 4	ND		370	23	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Naphthalene	ND		370	6.5	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2-Nitroaniline	ND		370	29	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
3-Nitroaniline	ND		370	89	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
4-Nitroaniline	ND		370	43	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Nitrobenzene	ND		37	21	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2-Nitrophenol	ND		370	38	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
4-Nitrophenol	ND		760	61	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
N-Nitrosodiphenylamine	ND		370	31	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2,2'-oxybis[1-chloropropane]	ND		370	6.8	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Pentachlorophenol	ND		300	77	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1

Client Sample ID: SSHS-IRM5A2-SCV72-0-0.17 **Lab Sample ID: 180-147752-17**
Date Collected: 11/10/22 16:15 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 87.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		370	6.6	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Phenol	ND		370	14	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
Pyrene	**39**	**J**	370	9.3	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
1,2,4,5-Tetrachlorobenzene	ND		370	12	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2,4,5-Trichlorophenol	ND		370	38	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	11/15/22 22:14	11/16/22 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*22 - 122*	*11/15/22 22:14*	*11/16/22 23:07*	*1*
2-Fluorophenol (Surr)	*61*		*18 - 123*	*11/15/22 22:14*	*11/16/22 23:07*	*1*
Nitrobenzene-d5 (Surr)	*69*		*16 - 125*	*11/15/22 22:14*	*11/16/22 23:07*	*1*
Phenol-d5 (Surr)	*70*		*23 - 120*	*11/15/22 22:14*	*11/16/22 23:07*	*1*
Terphenyl-d14 (Surr)	*88*		*25 - 126*	*11/15/22 22:14*	*11/16/22 23:07*	*1*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 123*	*11/15/22 22:14*	*11/16/22 23:07*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	11/14/22 10:29	11/24/22 12:33	1
PCB-1221	ND		19	6.7	ug/Kg	☼	11/14/22 10:29	11/24/22 12:33	1
PCB-1232	ND		19	4.6	ug/Kg	☼	11/14/22 10:29	11/24/22 12:33	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/14/22 10:29	11/24/22 12:33	1
PCB-1248	ND		19	4.6	ug/Kg	☼	11/14/22 10:29	11/24/22 12:33	1
PCB-1254	ND		19	5.7	ug/Kg	☼	11/14/22 10:29	11/24/22 12:33	1
PCB-1260	ND		19	5.4	ug/Kg	☼	11/14/22 10:29	11/24/22 12:33	1
PCB-1262	ND		19	6.7	ug/Kg	☼	11/14/22 10:29	11/24/22 12:33	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/14/22 10:29	11/24/22 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*63 - 138*	*11/14/22 10:29*	*11/24/22 12:33*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*63 - 138*	*11/14/22 10:29*	*11/24/22 12:33*	*1*
Tetrachloro-m-xylene (Surr)	*69*		*55 - 135*	*11/14/22 10:29*	*11/24/22 12:33*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*55 - 135*	*11/14/22 10:29*	*11/24/22 12:33*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8400**		18	4.9	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Antimony	ND		1.8	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Arsenic	**5.6**		1.4	0.29	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Barium	**89**		18	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Beryllium	**0.41**	**J**	0.46	0.049	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Cadmium	**0.18**	**J**	0.46	0.044	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Calcium	**5700**		460	33	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Chromium	**11**		0.91	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Cobalt	**8.1**		0.91	0.18	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Copper	**15**		2.3	0.22	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Iron	**16000**		18	6.3	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Lead	**21**		0.91	0.26	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Magnesium	**3500**		460	42	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Manganese	**480**		1.4	1.0	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1

Client Sample ID: SSHS-IRM5A2-SCV72-0-0.17 — Lab Sample ID: 180-147752-17

Date Collected: 11/10/22 16:15 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 87.7**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	18		3.7	0.21	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Potassium	890		460	72	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Selenium	0.51	J	1.8	0.43	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Silver	ND		0.91	0.074	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Sodium	64	J	460	57	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Thallium	ND		1.8	0.36	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Vanadium	12		4.6	0.75	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1
Zinc	98		4.6	1.2	mg/Kg	☼	11/14/22 15:00	11/15/22 13:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038	J	0.11	0.020	mg/Kg	☼	11/14/22 15:00	11/15/22 14:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.3		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	87.7		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV72-0.17-1 — Lab Sample ID: 180-147752-18

Date Collected: 11/10/22 16:20 — **Matrix: Solid**
Date Received: 11/11/22 09:00 — **Percent Solids: 90.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4.0	3.9	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Benzene	ND		0.67	0.17	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Bromoform	ND		0.67	0.29	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Bromomethane	ND		1.3	0.67	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
2-Butanone (MEK)	ND		3.4	0.25	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Carbon disulfide	ND		0.67	0.18	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Carbon tetrachloride	ND		0.67	0.26	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Chlorobenzene	ND		0.67	0.12	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Chlorobromomethane	ND		0.67	0.19	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Chlorodibromomethane	ND		0.67	0.13	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Chloroethane	ND		0.67	0.35	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Chloroform	ND		0.67	0.65	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Chloromethane	ND		0.67	0.29	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
cis-1,2-Dichloroethene	ND		0.67	0.24	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
cis-1,3-Dichloropropene	ND		0.67	0.18	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Cyclohexane	ND		0.67	0.15	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,2-Dibromo-3-Chloropropane	ND		0.67	0.31	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,2-Dibromoethane	ND		0.67	0.12	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,2-Dichlorobenzene	ND		0.67	0.24	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,3-Dichlorobenzene	ND		0.67	0.25	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,4-Dichlorobenzene	ND		0.67	0.15	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Dichlorobromomethane	ND		0.67	0.17	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Dichlorodifluoromethane	ND		0.67	0.23	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,1-Dichloroethane	ND		0.67	0.14	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,2-Dichloroethane	ND		0.67	0.20	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,1-Dichloroethene	ND		0.67	0.15	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV72-0.17-1 **Lab Sample ID: 180-147752-18**
Date Collected: 11/10/22 16:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 90.2**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		1.3	0.26	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,2-Dichloropropane	ND	*+	0.67	0.29	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,4-Dioxane	ND		67	6.2	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Ethylbenzene	ND		0.67	0.13	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
2-Hexanone	ND		3.4	1.2	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Isopropylbenzene	ND		0.67	0.19	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Methyl acetate	ND		3.4	2.9	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Methylcyclohexane	ND		0.67	0.34	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Methylene Chloride	ND		1.3	0.77	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
4-Methyl-2-pentanone (MIBK)	ND		3.4	1.0	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Methyl tert-butyl ether	ND		0.67	0.35	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
m-Xylene & p-Xylene	**0.16**	**J**	0.67	0.12	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
o-Xylene	ND		0.67	0.13	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Styrene	ND		0.67	0.19	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,1,2,2-Tetrachloroethane	ND		0.67	0.14	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Tetrachloroethene	ND		0.67	0.21	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Toluene	**0.18**	**J**	0.67	0.16	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
trans-1,2-Dichloroethene	ND		0.67	0.17	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
trans-1,3-Dichloropropene	ND		0.67	0.18	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,2,3-Trichlorobenzene	ND		0.67	0.12	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,2,4-Trichlorobenzene	ND		0.67	0.24	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,1,1-Trichloroethane	ND		0.67	0.16	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,1,2-Trichloroethane	ND		0.67	0.12	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Trichloroethene	ND		0.67	0.22	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Trichlorofluoromethane	ND		0.67	0.27	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.67	0.20	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Vinyl chloride	ND		0.67	0.37	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1
Xylenes, Total	**0.16**	**J**	1.3	0.12	ug/Kg	☼	11/12/22 09:40	11/21/22 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*75 - 139*	*11/12/22 09:40*	*11/21/22 14:44*	*1*
Dibromofluoromethane (Surr)	*122*		*73 - 139*	*11/12/22 09:40*	*11/21/22 14:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*72 - 145*	*11/12/22 09:40*	*11/21/22 14:44*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*11/12/22 09:40*	*11/21/22 14:44*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Acetophenone	ND		360	18	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Anthracene	ND		360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Atrazine	ND		150	21	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Benzaldehyde	ND		360	60	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Benzo[a]anthracene	**31**	**J**	36	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Benzo[a]pyrene	**28**	**J**	36	9.7	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Benzo[b]fluoranthene	**40**		36	9.4	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Benzo[g,h,i]perylene	**19**	**J**	360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Benzo[k]fluoranthene	**14**	**J**	36	7.2	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1

Client Sample ID: SSHS-IRM5A2-SCV72-0.17-1 **Lab Sample ID: 180-147752-18**
Date Collected: 11/10/22 16:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 90.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Caprolactam	ND		360	57	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Carbazole	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
4-Chloroaniline	ND		360	65	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Chrysene	**31**	**J**	360	6.2	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2,4-Dimethylphenol	ND		360	44	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Dimethyl phthalate	ND		360	83	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2,4-Dinitrotoluene	ND		74	39	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2,6-Dinitrotoluene	ND		74	26	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Di-n-octyl phthalate	ND		360	19	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
1,4-Dioxane	ND		36	32	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Fluoranthene	**48**	**J**	360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Fluorene	ND		360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Hexachlorobutadiene	ND		74	7.8	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Hexachloroethane	ND		36	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Indeno[1,2,3-cd]pyrene	**24**	**J**	36	14	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Isophorone	ND		150	110	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2-Methylphenol	ND		360	14	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Naphthalene	ND		360	6.3	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2-Nitroaniline	ND		360	28	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
3-Nitroaniline	ND		360	87	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
4-Nitroaniline	ND		360	42	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2-Nitrophenol	ND		360	37	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
4-Nitrophenol	ND		740	59	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
N-Nitrosodi-n-propylamine	ND		36	27	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2,2'-oxybis[1-chloropropane]	ND		360	6.6	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Pentachlorophenol	ND		290	75	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Phenanthrene	**21**	**J**	360	6.4	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1

Client Sample ID: SSHS-IRM5A2-SCV72-0.17-1 **Lab Sample ID: 180-147752-18**
Date Collected: 11/10/22 16:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 90.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		360	13	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
Pyrene	**41**	**J**	360	9.1	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2,3,4,6-Tetrachlorophenol	ND		360	25	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/15/22 22:14	11/16/22 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*22 - 122*	*11/15/22 22:14*	*11/16/22 19:47*	*1*
2-Fluorophenol (Surr)	*60*		*18 - 123*	*11/15/22 22:14*	*11/16/22 19:47*	*1*
Nitrobenzene-d5 (Surr)	*68*		*16 - 125*	*11/15/22 22:14*	*11/16/22 19:47*	*1*
Phenol-d5 (Surr)	*69*		*23 - 120*	*11/15/22 22:14*	*11/16/22 19:47*	*1*
Terphenyl-d14 (Surr)	*86*		*25 - 126*	*11/15/22 22:14*	*11/16/22 19:47*	*1*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 123*	*11/15/22 22:14*	*11/16/22 19:47*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	11/14/22 10:29	11/24/22 12:52	1
PCB-1221	ND		18	6.5	ug/Kg	☼	11/14/22 10:29	11/24/22 12:52	1
PCB-1232	ND		18	4.5	ug/Kg	☼	11/14/22 10:29	11/24/22 12:52	1
PCB-1242	ND		18	2.7	ug/Kg	☼	11/14/22 10:29	11/24/22 12:52	1
PCB-1248	ND		18	4.4	ug/Kg	☼	11/14/22 10:29	11/24/22 12:52	1
PCB-1254	ND		18	5.5	ug/Kg	☼	11/14/22 10:29	11/24/22 12:52	1
PCB-1260	ND		18	5.3	ug/Kg	☼	11/14/22 10:29	11/24/22 12:52	1
PCB-1262	ND		18	6.5	ug/Kg	☼	11/14/22 10:29	11/24/22 12:52	1
PCB-1268	ND		18	2.5	ug/Kg	☼	11/14/22 10:29	11/24/22 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/14/22 10:29*	*11/24/22 12:52*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*63 - 138*	*11/14/22 10:29*	*11/24/22 12:52*	*1*
Tetrachloro-m-xylene (Surr)	*66*		*55 - 135*	*11/14/22 10:29*	*11/24/22 12:52*	*1*
Tetrachloro-m-xylene (Surr)	*73*		*55 - 135*	*11/14/22 10:29*	*11/24/22 12:52*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7900**		19	5.2	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Antimony	**0.54**	**J**	1.9	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Arsenic	**6.6**		1.5	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Barium	**70**		19	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Beryllium	**0.34**	**J**	0.49	0.053	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Cadmium	**0.13**	**J**	0.49	0.047	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Calcium	**7600**		490	35	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Chromium	**9.5**		0.97	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Cobalt	**6.5**		0.97	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Copper	**20**		2.4	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Iron	**15000**		19	6.8	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Lead	**30**		0.97	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Magnesium	**3000**		490	45	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Manganese	**410**		1.5	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Nickel	**15**		3.9	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV72-0.17-1 Lab Sample ID: 180-147752-18

Date Collected: 11/10/22 16:20 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 90.2**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	550		490	77	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Selenium	ND		1.9	0.46	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Silver	ND		0.97	0.079	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Sodium	73	J	490	61	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Thallium	ND		1.9	0.39	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Vanadium	13		4.9	0.80	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1
Zinc	87		4.9	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 12:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.062	J	0.12	0.022	mg/Kg	☼	11/14/22 15:00	11/15/22 15:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.8		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	90.2		1.0	1.0	%			11/11/22 21:48	1

Client Sample ID: SSHS-IRM5A2-SCV72-1-2 Lab Sample ID: 180-147752-19

Date Collected: 11/10/22 16:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F1	2.9	2.8	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Benzene	ND	F1	0.49	0.13	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Bromoform	ND	F1	0.49	0.21	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Bromomethane	ND		0.98	0.49	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
2-Butanone (MEK)	ND	F1	2.5	0.18	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Carbon disulfide	ND		0.49	0.13	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Carbon tetrachloride	ND		0.49	0.19	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Chlorobenzene	ND	F1	0.49	0.087	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Chlorobromomethane	ND	F1	0.49	0.14	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Chlorodibromomethane	ND	F1	0.49	0.095	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Chloroethane	ND		0.49	0.26	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Chloroform	ND		0.49	0.48	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Chloromethane	ND		0.49	0.21	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
cis-1,2-Dichloroethene	ND	F1	0.49	0.18	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
cis-1,3-Dichloropropene	ND	F1	0.49	0.13	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Cyclohexane	ND		0.49	0.11	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,2-Dibromo-3-Chloropropane	ND	F1	0.49	0.23	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,2-Dibromoethane	ND	F1	0.49	0.088	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,2-Dichlorobenzene	ND	F1	0.49	0.18	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,3-Dichlorobenzene	ND	F1	0.49	0.18	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,4-Dichlorobenzene	ND	F1	0.49	0.11	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Dichlorobromomethane	ND		0.49	0.13	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Dichlorodifluoromethane	ND		0.49	0.17	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,1-Dichloroethane	ND		0.49	0.10	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,2-Dichloroethane	ND		0.49	0.15	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,1-Dichloroethene	ND		0.49	0.11	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,2-Dichloroethene, Total	ND	F1	0.98	0.19	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1

Client Sample ID: SSHS-IRM5A2-SCV72-1-2 **Lab Sample ID: 180-147752-19**
Date Collected: 11/10/22 16:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND	*+	0.49	0.21	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,4-Dioxane	ND	F1	49	4.5	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Ethylbenzene	ND	F1	0.49	0.098	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
2-Hexanone	ND	F1	2.5	0.84	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Isopropylbenzene	ND	F1	0.49	0.14	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Methyl acetate	ND	F2	2.5	2.1	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Methylcyclohexane	ND	F1	0.49	0.24	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Methylene Chloride	ND		0.98	0.56	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
4-Methyl-2-pentanone (MIBK)	ND	F1	2.5	0.76	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Methyl tert-butyl ether	ND		0.49	0.25	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
m-Xylene & p-Xylene	ND	F1	0.49	0.085	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
o-Xylene	ND	F1	0.49	0.095	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Styrene	ND	F1	0.49	0.14	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,1,2,2-Tetrachloroethane	ND	F1	0.49	0.11	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Tetrachloroethene	ND	F1	0.49	0.15	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Toluene	ND	F1	0.49	0.11	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
trans-1,2-Dichloroethene	ND	F1	0.49	0.12	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
trans-1,3-Dichloropropene	ND	F1	0.49	0.13	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,2,3-Trichlorobenzene	ND	F1	0.49	0.089	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,2,4-Trichlorobenzene	ND	F1	0.49	0.18	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,1,1-Trichloroethane	ND		0.49	0.11	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,1,2-Trichloroethane	ND	F1	0.49	0.087	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Trichloroethene	ND	F1	0.49	0.16	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Trichlorofluoromethane	ND		0.49	0.20	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.49	0.15	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Vinyl chloride	ND		0.49	0.27	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1
Xylenes, Total	ND	F1	0.98	0.085	ug/Kg	☼	11/12/22 09:40	11/21/22 10:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*75 - 139*	*11/12/22 09:40*	*11/21/22 10:53*	*1*
Dibromofluoromethane (Surr)	*125*		*73 - 139*	*11/12/22 09:40*	*11/21/22 10:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*		*72 - 145*	*11/12/22 09:40*	*11/21/22 10:53*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*11/12/22 09:40*	*11/21/22 10:53*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	9.8	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Acenaphthylene	ND		340	9.9	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Acetophenone	ND		340	17	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Anthracene	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Atrazine	ND		140	20	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Benzaldehyde	ND		340	57	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Benzo[a]anthracene	**20**	**J**	34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Benzo[a]pyrene	**16**	**J**	34	9.2	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Benzo[b]fluoranthene	**23**	**J**	34	8.9	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Benzo[g,h,i]perylene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Benzo[k]fluoranthene	**7.4**	**J**	34	6.8	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
1,1'-Biphenyl	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Bis(2-chloroethoxy)methane	ND		340	27	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Bis(2-chloroethyl)ether	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV72-1-2 **Lab Sample ID: 180-147752-19**
Date Collected: 11/10/22 16:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
4-Bromophenyl phenyl ether	ND		340	14	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Butyl benzyl phthalate	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Caprolactam	ND		340	54	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Carbazole	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
4-Chloroaniline	ND		340	61	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
4-Chloro-3-methylphenol	ND		340	19	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2-Chloronaphthalene	ND		340	16	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2-Chlorophenol	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
4-Chlorophenyl phenyl ether	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Chrysene	**17**	**J**	340	5.8	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Dibenz(a,h)anthracene	ND		34	15	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Dibenzofuran	ND		340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
3,3'-Dichlorobenzidine	ND		140	52	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2,4-Dichlorophenol	ND		140	22	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Diethyl phthalate	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2,4-Dimethylphenol	ND	F1	340	41	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Dimethyl phthalate	ND		340	78	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Di-n-butyl phthalate	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2,4-Dinitrotoluene	ND		70	37	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2,6-Dinitrotoluene	ND		70	25	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Di-n-octyl phthalate	ND		340	18	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
1,4-Dioxane	ND		34	30	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Fluoranthene	**31**	**J**	340	12	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Fluorene	ND		340	10	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Hexachlorobenzene	ND		34	16	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Hexachlorobutadiene	ND		70	7.3	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Hexachlorocyclopentadiene	ND		340	30	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Hexachloroethane	ND		34	12	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Indeno[1,2,3-cd]pyrene	ND	F1	34	13	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Isophorone	ND		140	100	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2-Methylnaphthalene	ND		340	9.7	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2-Methylphenol	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Methylphenol, 3 & 4	ND	F1	340	22	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Naphthalene	ND		340	6.0	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2-Nitroaniline	ND		340	26	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
3-Nitroaniline	ND		340	82	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
4-Nitroaniline	ND		340	40	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Nitrobenzene	ND	F1	34	19	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2-Nitrophenol	ND		340	35	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
4-Nitrophenol	ND		700	56	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
N-Nitrosodi-n-propylamine	ND		34	25	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
N-Nitrosodiphenylamine	ND		340	28	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2,2'-oxybis[1-chloropropane]	ND		340	6.2	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Pentachlorophenol	ND		280	71	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Phenanthrene	ND		340	6.1	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
Phenol	ND		340	13	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1

Client Sample ID: SSHS-IRM5A2-SCV72-1-2 Lab Sample ID: 180-147752-19

Date Collected: 11/10/22 16:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**23**	**J**	340	8.6	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
1,2,4,5-Tetrachlorobenzene	ND		340	11	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2,3,4,6-Tetrachlorophenol	ND		340	23	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2,4,5-Trichlorophenol	ND		340	35	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1
2,4,6-Trichlorophenol	ND		140	44	ug/Kg	☼	11/15/22 22:14	11/16/22 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*22 - 122*	*11/15/22 22:14*	*11/16/22 15:19*	*1*
2-Fluorophenol (Surr)	*49*		*18 - 123*	*11/15/22 22:14*	*11/16/22 15:19*	*1*
Nitrobenzene-d5 (Surr)	*65*		*16 - 125*	*11/15/22 22:14*	*11/16/22 15:19*	*1*
Phenol-d5 (Surr)	*69*		*23 - 120*	*11/15/22 22:14*	*11/16/22 15:19*	*1*
Terphenyl-d14 (Surr)	*86*		*25 - 126*	*11/15/22 22:14*	*11/16/22 15:19*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 123*	*11/15/22 22:14*	*11/16/22 15:19*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.7	ug/Kg	☼	11/14/22 10:29	11/24/22 06:42	1
PCB-1221	ND		17	6.2	ug/Kg	☼	11/14/22 10:29	11/24/22 06:42	1
PCB-1232	ND		17	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 06:42	1
PCB-1242	ND		17	2.6	ug/Kg	☼	11/14/22 10:29	11/24/22 06:42	1
PCB-1248	ND		17	4.2	ug/Kg	☼	11/14/22 10:29	11/24/22 06:42	1
PCB-1254	ND		17	5.2	ug/Kg	☼	11/14/22 10:29	11/24/22 06:42	1
PCB-1260	ND		17	5.0	ug/Kg	☼	11/14/22 10:29	11/24/22 06:42	1
PCB-1262	ND		17	6.1	ug/Kg	☼	11/14/22 10:29	11/24/22 06:42	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/14/22 10:29	11/24/22 06:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*63 - 138*	*11/14/22 10:29*	*11/24/22 06:42*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*11/14/22 10:29*	*11/24/22 06:42*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*55 - 135*	*11/14/22 10:29*	*11/24/22 06:42*	*1*
Tetrachloro-m-xylene (Surr)	*81*		*55 - 135*	*11/14/22 10:29*	*11/24/22 06:42*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7000**		19	5.2	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Antimony	ND	F1	1.9	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Arsenic	**5.0**		1.5	0.31	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Barium	**68**	**F1**	19	0.35	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Beryllium	**0.30**	**J**	0.48	0.052	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Cadmium	**0.12**	**J**	0.48	0.046	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Calcium	**8500**	**F1**	480	35	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Chromium	**8.4**		0.97	0.33	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Cobalt	**5.3**		0.97	0.19	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Copper	**17**		2.4	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Iron	**13000**		19	6.7	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Lead	**30**	**F1**	0.97	0.27	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Magnesium	**2600**		480	45	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Manganese	**410**		1.5	1.1	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Nickel	**13**		3.9	0.23	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Potassium	**390**	**J**	480	77	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV72-1-2 **Lab Sample ID: 180-147752-19**
Date Collected: 11/10/22 16:25 **Matrix: Solid**
Date Received: 11/11/22 09:00 **Percent Solids: 95.7**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		1.9	0.45	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Silver	ND		0.97	0.078	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Sodium	**75**	**J**	480	61	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Thallium	ND		1.9	0.39	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Vanadium	**11**		4.8	0.80	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1
Zinc	**64**		4.8	1.3	mg/Kg	☼	11/14/22 15:00	11/15/22 11:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.055**	**J**	0.11	0.021	mg/Kg	☼	11/14/22 15:00	11/15/22 13:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.3**		1.0	1.0	%			11/11/22 21:48	1
Percent Solids (EPA Moisture)	**95.7**		1.0	1.0	%			11/11/22 21:48	1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 180-147752-19 MS
Client Sample ID: SSHS-IRM5A2-SCV72-1-2
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 879129
Prep Batch: 877522

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	F1	56.8	123	F1	ug/Kg	☼	216	63 - 131
Benzene	ND	F1	11.4	8.16	F1	ug/Kg	☼	72	80 - 123
Bromoform	ND	F1	11.4	5.63	F1	ug/Kg	☼	50	70 - 125
Bromomethane	ND		11.4	10.7		ug/Kg	☼	94	64 - 150
2-Butanone (MEK)	ND	F1	56.8	39.3	F1	ug/Kg	☼	69	75 - 120
Carbon disulfide	ND		11.4	9.08		ug/Kg	☼	80	76 - 120
Carbon tetrachloride	ND		11.4	9.54		ug/Kg	☼	84	77 - 121
Chlorobenzene	ND	F1	11.4	6.13	F1	ug/Kg	☼	54	80 - 120
Chlorobromomethane	ND	F1	11.4	8.65		ug/Kg	☼	76	76 - 127
Chlorodibromomethane	ND	F1	11.4	6.67	F1	ug/Kg	☼	59	80 - 120
Chloroethane	ND		11.4	10.1		ug/Kg	☼	89	68 - 132
Chloroform	ND		11.4	9.53		ug/Kg	☼	84	79 - 126
Chloromethane	ND		11.4	9.15		ug/Kg	☼	81	63 - 130
cis-1,2-Dichloroethene	ND	F1	11.4	8.75	F1	ug/Kg	☼	77	80 - 123
cis-1,3-Dichloropropene	ND	F1	11.4	6.28	F1	ug/Kg	☼	55	80 - 120
Cyclohexane	ND		11.4	9.34		ug/Kg	☼	82	70 - 132
1,2-Dibromo-3-Chloropropane	ND	F1	11.4	5.79	F1	ug/Kg	☼	51	60 - 124
1,2-Dibromoethane	ND	F1	11.4	6.43	F1	ug/Kg	☼	57	79 - 120
1,2-Dichlorobenzene	ND	F1	11.4	4.22	F1	ug/Kg	☼	37	80 - 120
1,3-Dichlorobenzene	ND	F1	11.4	4.39	F1	ug/Kg	☼	39	80 - 120
1,4-Dichlorobenzene	ND	F1	11.4	4.19	F1	ug/Kg	☼	37	80 - 120
Dichlorobromomethane	ND		11.4	8.71		ug/Kg	☼	77	73 - 124
Dichlorodifluoromethane	ND		11.4	9.47		ug/Kg	☼	83	62 - 150
1,1-Dichloroethane	ND		11.4	9.75		ug/Kg	☼	86	77 - 129
1,2-Dichloroethane	ND		11.4	9.44		ug/Kg	☼	83	75 - 123
1,1-Dichloroethene	ND		11.4	9.32		ug/Kg	☼	82	70 - 132
1,2-Dichloroethene, Total	ND	F1	22.7	17.5	F1	ug/Kg	☼	77	79 - 125
1,2-Dichloropropane	ND	*+	11.4	9.83		ug/Kg	☼	87	73 - 124
1,4-Dioxane	ND	F1	227	532	*3 F1	ug/Kg	☼	234	80 - 136
Ethylbenzene	ND	F1	11.4	6.91	F1	ug/Kg	☼	61	76 - 120
2-Hexanone	ND	F1	56.8	31.7	F1	ug/Kg	☼	56	70 - 128
Isopropylbenzene	ND	F1	11.4	6.47	F1	ug/Kg	☼	57	80 - 120
Methyl acetate	ND	F2	22.7	21.4		ug/Kg	☼	94	58 - 143
Methylcyclohexane	ND	F1	11.4	8.04		ug/Kg	☼	71	70 - 133
Methylene Chloride	ND		11.4	9.28		ug/Kg	☼	82	76 - 120
4-Methyl-2-pentanone (MIBK)	ND	F1	56.8	40.5	F1	ug/Kg	☼	71	80 - 122
Methyl tert-butyl ether	ND		11.4	9.96		ug/Kg	☼	88	80 - 125
m-Xylene & p-Xylene	ND	F1	11.4	6.84	F1	ug/Kg	☼	60	80 - 120
o-Xylene	ND	F1	11.4	6.69	F1	ug/Kg	☼	59	80 - 120
Styrene	ND	F1	11.4	5.37	F1	ug/Kg	☼	47	80 - 120
1,1,2,2-Tetrachloroethane	ND	F1	11.4	7.22	F1	ug/Kg	☼	64	66 - 123
Tetrachloroethene	ND	F1	11.4	6.83	F1	ug/Kg	☼	60	78 - 123
Toluene	ND	F1	11.4	7.50	F1	ug/Kg	☼	66	80 - 120
trans-1,2-Dichloroethene	ND	F1	11.4	8.79	F1	ug/Kg	☼	77	78 - 120
trans-1,3-Dichloropropene	ND	F1	11.4	6.16	F1	ug/Kg	☼	54	80 - 120
1,2,3-Trichlorobenzene	ND	F1	11.4	1.94	F1	ug/Kg	☼	17	44 - 120
1,2,4-Trichlorobenzene	ND	F1	11.4	2.16	F1	ug/Kg	☼	19	68 - 150
1,1,1-Trichloroethane	ND		11.4	10.1		ug/Kg	☼	89	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147752-19 MS **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879129 **Prep Batch: 877522**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	ND	F1	11.4	7.37	F1	ug/Kg	☼	65	80 - 120
Trichloroethene	ND	F1	11.4	8.53	F1	ug/Kg	☼	75	79 - 120
Trichlorofluoromethane	ND		11.4	9.88		ug/Kg	☼	87	76 - 142
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11.4	10.3		ug/Kg	☼	90	75 - 141
Vinyl chloride	ND		11.4	9.72		ug/Kg	☼	86	72 - 131
Xylenes, Total	ND	F1	22.7	13.5	F1	ug/Kg	☼	60	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*75 - 139*
Dibromofluoromethane (Surr)	*115*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*125*		*72 - 145*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 180-147752-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879129 **Prep Batch: 877522**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	F1	60.0	104	F1	ug/Kg	☼	174	63 - 131	16	30
Benzene	ND	F1	12.0	7.95	F1	ug/Kg	☼	66	80 - 123	3	30
Bromoform	ND	F1	12.0	5.43	F1	ug/Kg	☼	45	70 - 125	4	30
Bromomethane	ND		12.0	10.7		ug/Kg	☼	89	64 - 150	0	30
2-Butanone (MEK)	ND	F1	60.0	36.0	F1	ug/Kg	☼	60	75 - 120	9	30
Carbon disulfide	ND		12.0	9.44		ug/Kg	☼	79	76 - 120	4	30
Carbon tetrachloride	ND		12.0	10.3		ug/Kg	☼	86	77 - 121	7	30
Chlorobenzene	ND	F1	12.0	5.59	F1	ug/Kg	☼	47	80 - 120	9	30
Chlorobromomethane	ND	F1	12.0	8.67	F1	ug/Kg	☼	72	76 - 127	0	30
Chlorodibromomethane	ND	F1	12.0	6.33	F1	ug/Kg	☼	53	80 - 120	5	30
Chloroethane	ND		12.0	9.74		ug/Kg	☼	81	68 - 132	4	30
Chloroform	ND		12.0	9.58		ug/Kg	☼	80	79 - 126	0	30
Chloromethane	ND		12.0	8.80		ug/Kg	☼	73	63 - 130	4	30
cis-1,2-Dichloroethene	ND	F1	12.0	9.09	F1	ug/Kg	☼	76	80 - 123	4	30
cis-1,3-Dichloropropene	ND	F1	12.0	6.12	F1	ug/Kg	☼	51	80 - 120	3	30
Cyclohexane	ND		12.0	9.64		ug/Kg	☼	80	70 - 132	3	30
1,2-Dibromo-3-Chloropropane	ND	F1	12.0	5.25	F1	ug/Kg	☼	44	60 - 124	10	30
1,2-Dibromoethane	ND	F1	12.0	6.02	F1	ug/Kg	☼	50	79 - 120	7	30
1,2-Dichlorobenzene	ND	F1	12.0	3.59	F1	ug/Kg	☼	30	80 - 120	16	30
1,3-Dichlorobenzene	ND	F1	12.0	3.74	F1	ug/Kg	☼	31	80 - 120	16	30
1,4-Dichlorobenzene	ND	F1	12.0	3.46	F1	ug/Kg	☼	29	80 - 120	19	30
Dichlorobromomethane	ND		12.0	8.79		ug/Kg	☼	73	73 - 124	1	30
Dichlorodifluoromethane	ND		12.0	9.64		ug/Kg	☼	80	62 - 150	2	30
1,1-Dichloroethane	ND		12.0	10.4		ug/Kg	☼	87	77 - 129	7	30
1,2-Dichloroethane	ND		12.0	9.53		ug/Kg	☼	79	75 - 123	1	30
1,1-Dichloroethene	ND		12.0	10.1		ug/Kg	☼	84	70 - 132	8	30
1,2-Dichloroethene, Total	ND	F1	24.0	18.2	F1	ug/Kg	☼	76	79 - 125	4	30
1,2-Dichloropropane	ND	*+	12.0	9.02		ug/Kg	☼	75	73 - 124	9	30
1,4-Dioxane	ND	F1	240	422	F1	ug/Kg	☼	176	80 - 136	23	30
Ethylbenzene	ND	F1	12.0	6.70	F1	ug/Kg	☼	56	76 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147752-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879129 **Prep Batch: 877522**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone	ND	F1	60.0	26.7	F1	ug/Kg	☼	45	70 - 128	17	30
Isopropylbenzene	ND	F1	12.0	6.24	F1	ug/Kg	☼	52	80 - 120	4	30
Methyl acetate	ND	F2	24.0	29.8	F2	ug/Kg	☼	124	58 - 143	33	30
Methylcyclohexane	ND	F1	12.0	7.74	F1	ug/Kg	☼	65	70 - 133	4	30
Methylene Chloride	ND		12.0	9.65		ug/Kg	☼	80	76 - 120	4	30
4-Methyl-2-pentanone (MIBK)	ND	F1	60.0	36.8	F1	ug/Kg	☼	61	80 - 122	10	30
Methyl tert-butyl ether	ND		12.0	10.6		ug/Kg	☼	89	80 - 125	6	30
m-Xylene & p-Xylene	ND	F1	12.0	6.42	F1	ug/Kg	☼	54	80 - 120	6	30
o-Xylene	ND	F1	12.0	6.41	F1	ug/Kg	☼	53	80 - 120	4	30
Styrene	ND	F1	12.0	4.69	F1	ug/Kg	☼	39	80 - 120	13	30
1,1,2,2-Tetrachloroethane	ND	F1	12.0	6.58	F1	ug/Kg	☼	55	66 - 123	9	30
Tetrachloroethene	ND	F1	12.0	6.69	F1	ug/Kg	☼	56	78 - 123	2	30
Toluene	ND	F1	12.0	7.10	F1	ug/Kg	☼	59	80 - 120	6	30
trans-1,2-Dichloroethene	ND	F1	12.0	9.10	F1	ug/Kg	☼	76	78 - 120	4	30
trans-1,3-Dichloropropene	ND	F1	12.0	5.88	F1	ug/Kg	☼	49	80 - 120	5	30
1,2,3-Trichlorobenzene	ND	F1	12.0	1.66	F1	ug/Kg	☼	14	44 - 120	15	30
1,2,4-Trichlorobenzene	ND	F1	12.0	1.76	F1	ug/Kg	☼	15	68 - 150	20	30
1,1,1-Trichloroethane	ND		12.0	10.6		ug/Kg	☼	88	78 - 120	5	30
1,1,2-Trichloroethane	ND	F1	12.0	7.25	F1	ug/Kg	☼	60	80 - 120	2	30
Trichloroethene	ND	F1	12.0	8.61	F1	ug/Kg	☼	72	79 - 120	1	30
Trichlorofluoromethane	ND		12.0	9.58		ug/Kg	☼	80	76 - 142	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12.0	11.0		ug/Kg	☼	92	75 - 141	7	30
Vinyl chloride	ND		12.0	9.29		ug/Kg	☼	77	72 - 131	5	30
Xylenes, Total	ND	F1	24.0	12.8	F1	ug/Kg	☼	54	80 - 120	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*75 - 139*
Dibromofluoromethane (Surr)	*118*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*129*		*72 - 145*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 460-878277/9 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878277

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			11/16/22 20:52	1
Benzene	ND		1.0	0.26	ug/Kg			11/16/22 20:52	1
Bromoform	ND		1.0	0.43	ug/Kg			11/16/22 20:52	1
Bromomethane	ND		2.0	1.0	ug/Kg			11/16/22 20:52	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			11/16/22 20:52	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			11/16/22 20:52	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			11/16/22 20:52	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			11/16/22 20:52	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			11/16/22 20:52	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			11/16/22 20:52	1
Chloroethane	ND		1.0	0.52	ug/Kg			11/16/22 20:52	1
Chloroform	ND		1.0	0.97	ug/Kg			11/16/22 20:52	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-878277/9
Matrix: Solid
Analysis Batch: 878277

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.44	ug/Kg			11/16/22 20:52	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			11/16/22 20:52	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/16/22 20:52	1
Cyclohexane	ND		1.0	0.22	ug/Kg			11/16/22 20:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			11/16/22 20:52	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			11/16/22 20:52	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			11/16/22 20:52	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			11/16/22 20:52	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			11/16/22 20:52	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			11/16/22 20:52	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			11/16/22 20:52	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			11/16/22 20:52	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			11/16/22 20:52	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			11/16/22 20:52	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			11/16/22 20:52	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			11/16/22 20:52	1
1,4-Dioxane	ND		100	9.2	ug/Kg			11/16/22 20:52	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			11/16/22 20:52	1
2-Hexanone	ND		5.0	1.7	ug/Kg			11/16/22 20:52	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			11/16/22 20:52	1
Methyl acetate	ND		5.0	4.3	ug/Kg			11/16/22 20:52	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			11/16/22 20:52	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			11/16/22 20:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			11/16/22 20:52	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			11/16/22 20:52	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			11/16/22 20:52	1
o-Xylene	ND		1.0	0.19	ug/Kg			11/16/22 20:52	1
Styrene	ND		1.0	0.28	ug/Kg			11/16/22 20:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			11/16/22 20:52	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			11/16/22 20:52	1
Toluene	ND		1.0	0.23	ug/Kg			11/16/22 20:52	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			11/16/22 20:52	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/16/22 20:52	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			11/16/22 20:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			11/16/22 20:52	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			11/16/22 20:52	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			11/16/22 20:52	1
Trichloroethene	ND		1.0	0.32	ug/Kg			11/16/22 20:52	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			11/16/22 20:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			11/16/22 20:52	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			11/16/22 20:52	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			11/16/22 20:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*75 - 139*		*11/16/22 20:52*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 139*		*11/16/22 20:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 145*		*11/16/22 20:52*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*11/16/22 20:52*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-878277/4
Matrix: Solid
Analysis Batch: 878277

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	101		ug/Kg		101	63 - 131
Benzene	20.0	18.9		ug/Kg		95	80 - 123
Bromoform	20.0	17.9		ug/Kg		89	70 - 125
Bromomethane	20.0	26.2		ug/Kg		131	64 - 150
2-Butanone (MEK)	100	96.7		ug/Kg		97	75 - 120
Carbon disulfide	20.0	16.8		ug/Kg		84	76 - 120
Carbon tetrachloride	20.0	23.1		ug/Kg		115	77 - 121
Chlorobenzene	20.0	20.3		ug/Kg		102	80 - 120
Chlorobromomethane	20.0	18.0		ug/Kg		90	76 - 127
Chlorodibromomethane	20.0	19.0		ug/Kg		95	80 - 120
Chloroethane	20.0	16.9		ug/Kg		84	68 - 132
Chloroform	20.0	19.9		ug/Kg		99	79 - 126
Chloromethane	20.0	14.2		ug/Kg		71	63 - 130
cis-1,2-Dichloroethene	20.0	16.7		ug/Kg		84	80 - 123
cis-1,3-Dichloropropene	20.0	18.9		ug/Kg		94	80 - 120
Cyclohexane	20.0	18.4		ug/Kg		92	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	19.3		ug/Kg		97	60 - 124
1,2-Dibromoethane	20.0	16.8		ug/Kg		84	79 - 120
1,2-Dichlorobenzene	20.0	19.5		ug/Kg		97	80 - 120
1,3-Dichlorobenzene	20.0	20.2		ug/Kg		101	80 - 120
1,4-Dichlorobenzene	20.0	19.9		ug/Kg		100	80 - 120
Dichlorobromomethane	20.0	19.7		ug/Kg		99	73 - 124
Dichlorodifluoromethane	20.0	21.9		ug/Kg		110	62 - 150
1,1-Dichloroethane	20.0	17.7		ug/Kg		89	77 - 129
1,2-Dichloroethane	20.0	22.3		ug/Kg		111	75 - 123
1,1-Dichloroethene	20.0	16.8		ug/Kg		84	70 - 132
1,2-Dichloroethene, Total	40.0	34.1		ug/Kg		85	79 - 125
1,2-Dichloropropane	20.0	16.2		ug/Kg		81	73 - 124
1,4-Dioxane	400	424		ug/Kg		106	80 - 136
Ethylbenzene	20.0	20.6		ug/Kg		103	76 - 120
2-Hexanone	100	113		ug/Kg		113	70 - 128
Isopropylbenzene	20.0	21.3		ug/Kg		106	80 - 120
Methyl acetate	40.0	26.2		ug/Kg		66	58 - 143
Methylcyclohexane	20.0	18.2		ug/Kg		91	70 - 133
Methylene Chloride	20.0	15.4		ug/Kg		77	76 - 120
4-Methyl-2-pentanone (MIBK)	100	111		ug/Kg		111	80 - 122
Methyl tert-butyl ether	20.0	16.8		ug/Kg		84	80 - 125
m-Xylene & p-Xylene	20.0	20.0		ug/Kg		100	80 - 120
o-Xylene	20.0	20.0		ug/Kg		100	80 - 120
Styrene	20.0	19.5		ug/Kg		98	80 - 120
1,1,2,2-Tetrachloroethane	20.0	19.1		ug/Kg		96	66 - 123
Tetrachloroethene	20.0	19.1		ug/Kg		95	78 - 123
Toluene	20.0	19.9		ug/Kg		100	80 - 120
trans-1,2-Dichloroethene	20.0	17.4		ug/Kg		87	78 - 120
trans-1,3-Dichloropropene	20.0	19.5		ug/Kg		98	80 - 120
1,2,3-Trichlorobenzene	20.0	19.2		ug/Kg		96	44 - 120
1,2,4-Trichlorobenzene	20.0	19.6		ug/Kg		98	68 - 150
1,1,1-Trichloroethane	20.0	21.8		ug/Kg		109	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-878277/4
Matrix: Solid
Analysis Batch: 878277

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane			20.0	16.7		ug/Kg		83	80 - 120		
Trichloroethene			20.0	18.2		ug/Kg		91	79 - 120		
Trichlorofluoromethane			20.0	25.2		ug/Kg		126	76 - 142		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	17.8		ug/Kg		89	75 - 141		
Vinyl chloride			20.0	16.6		ug/Kg		83	72 - 131		
Xylenes, Total			40.0	40.0		ug/Kg		100	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*75 - 139*
Dibromofluoromethane (Surr)	*97*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*116*		*72 - 145*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: LCSD 460-878277/5
Matrix: Solid
Analysis Batch: 878277

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	98.3		ug/Kg		98	63 - 131	3	30
Benzene			20.0	18.0		ug/Kg		90	80 - 123	5	30
Bromoform			20.0	19.4		ug/Kg		97	70 - 125	8	30
Bromomethane			20.0	26.9		ug/Kg		135	64 - 150	3	30
2-Butanone (MEK)			100	98.2		ug/Kg		98	75 - 120	2	30
Carbon disulfide			20.0	15.7		ug/Kg		78	76 - 120	7	30
Carbon tetrachloride			20.0	23.1		ug/Kg		116	77 - 121	0	30
Chlorobenzene			20.0	19.8		ug/Kg		99	80 - 120	3	30
Chlorobromomethane			20.0	19.6		ug/Kg		98	76 - 127	9	30
Chlorodibromomethane			20.0	20.9		ug/Kg		105	80 - 120	10	30
Chloroethane			20.0	16.9		ug/Kg		85	68 - 132	0	30
Chloroform			20.0	18.5		ug/Kg		93	79 - 126	7	30
Chloromethane			20.0	13.7		ug/Kg		68	63 - 130	4	30
cis-1,2-Dichloroethene			20.0	16.2		ug/Kg		81	80 - 123	4	30
cis-1,3-Dichloropropene			20.0	20.1		ug/Kg		100	80 - 120	6	30
Cyclohexane			20.0	18.9		ug/Kg		94	70 - 132	2	30
1,2-Dibromo-3-Chloropropane			20.0	19.4		ug/Kg		97	60 - 124	0	30
1,2-Dibromoethane			20.0	17.5		ug/Kg		88	79 - 120	4	30
1,2-Dichlorobenzene			20.0	19.8		ug/Kg		99	80 - 120	2	30
1,3-Dichlorobenzene			20.0	21.4		ug/Kg		107	80 - 120	6	30
1,4-Dichlorobenzene			20.0	20.9		ug/Kg		104	80 - 120	4	30
Dichlorobromomethane			20.0	19.5		ug/Kg		98	73 - 124	1	30
Dichlorodifluoromethane			20.0	21.0		ug/Kg		105	62 - 150	4	30
1,1-Dichloroethane			20.0	16.9		ug/Kg		85	77 - 129	4	30
1,2-Dichloroethane			20.0	22.3		ug/Kg		112	75 - 123	0	30
1,1-Dichloroethene			20.0	15.4		ug/Kg		77	70 - 132	9	30
1,2-Dichloroethene, Total			40.0	32.2		ug/Kg		81	79 - 125	6	30
1,2-Dichloropropane			20.0	16.7		ug/Kg		84	73 - 124	3	30
1,4-Dioxane			400	413		ug/Kg		103	80 - 136	3	30
Ethylbenzene			20.0	20.8		ug/Kg		104	76 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-878277/5
Matrix: Solid
Analysis Batch: 878277

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			100	109		ug/Kg		109	70 - 128	4	30
Isopropylbenzene			20.0	22.4		ug/Kg		112	80 - 120	5	30
Methyl acetate			40.0	27.1		ug/Kg		68	58 - 143	3	30
Methylcyclohexane			20.0	18.0		ug/Kg		90	70 - 133	1	30
Methylene Chloride			20.0	14.2	*-	ug/Kg		71	76 - 120	8	30
4-Methyl-2-pentanone (MIBK)			100	105		ug/Kg		105	80 - 122	6	30
Methyl tert-butyl ether			20.0	17.5		ug/Kg		88	80 - 125	4	30
m-Xylene & p-Xylene			20.0	20.1		ug/Kg		100	80 - 120	0	30
o-Xylene			20.0	20.6		ug/Kg		103	80 - 120	3	30
Styrene			20.0	20.1		ug/Kg		100	80 - 120	3	30
1,1,2,2-Tetrachloroethane			20.0	18.9		ug/Kg		95	66 - 123	1	30
Tetrachloroethene			20.0	19.8		ug/Kg		99	78 - 123	4	30
Toluene			20.0	19.3		ug/Kg		96	80 - 120	3	30
trans-1,2-Dichloroethene			20.0	16.1		ug/Kg		80	78 - 120	8	30
trans-1,3-Dichloropropene			20.0	21.4		ug/Kg		107	80 - 120	9	30
1,2,3-Trichlorobenzene			20.0	19.7		ug/Kg		99	44 - 120	3	30
1,2,4-Trichlorobenzene			20.0	20.8		ug/Kg		104	68 - 150	6	30
1,1,1-Trichloroethane			20.0	22.0		ug/Kg		110	78 - 120	1	30
1,1,2-Trichloroethane			20.0	17.9		ug/Kg		90	80 - 120	7	30
Trichloroethene			20.0	18.3		ug/Kg		92	79 - 120	1	30
Trichlorofluoromethane			20.0	25.4		ug/Kg		127	76 - 142	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	17.5		ug/Kg		88	75 - 141	2	30
Vinyl chloride			20.0	16.4		ug/Kg		82	72 - 131	2	30
Xylenes, Total			40.0	40.7		ug/Kg		102	80 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*106*		*75 - 139*
Dibromofluoromethane (Surr)	*96*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 145*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 460-879129/8
Matrix: Solid
Analysis Batch: 879129

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			11/21/22 07:49	1
Benzene	ND		1.0	0.26	ug/Kg			11/21/22 07:49	1
Bromoform	ND		1.0	0.43	ug/Kg			11/21/22 07:49	1
Bromomethane	ND		2.0	1.0	ug/Kg			11/21/22 07:49	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			11/21/22 07:49	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			11/21/22 07:49	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			11/21/22 07:49	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			11/21/22 07:49	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			11/21/22 07:49	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			11/21/22 07:49	1
Chloroethane	ND		1.0	0.52	ug/Kg			11/21/22 07:49	1
Chloroform	ND		1.0	0.97	ug/Kg			11/21/22 07:49	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-879129/8
Matrix: Solid
Analysis Batch: 879129

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.44	ug/Kg			11/21/22 07:49	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			11/21/22 07:49	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/21/22 07:49	1
Cyclohexane	ND		1.0	0.22	ug/Kg			11/21/22 07:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			11/21/22 07:49	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			11/21/22 07:49	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			11/21/22 07:49	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			11/21/22 07:49	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			11/21/22 07:49	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			11/21/22 07:49	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			11/21/22 07:49	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			11/21/22 07:49	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			11/21/22 07:49	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			11/21/22 07:49	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			11/21/22 07:49	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			11/21/22 07:49	1
1,4-Dioxane	ND		100	9.2	ug/Kg			11/21/22 07:49	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			11/21/22 07:49	1
2-Hexanone	ND		5.0	1.7	ug/Kg			11/21/22 07:49	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			11/21/22 07:49	1
Methyl acetate	ND		5.0	4.3	ug/Kg			11/21/22 07:49	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			11/21/22 07:49	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			11/21/22 07:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			11/21/22 07:49	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			11/21/22 07:49	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			11/21/22 07:49	1
o-Xylene	ND		1.0	0.19	ug/Kg			11/21/22 07:49	1
Styrene	ND		1.0	0.28	ug/Kg			11/21/22 07:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			11/21/22 07:49	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			11/21/22 07:49	1
Toluene	ND		1.0	0.23	ug/Kg			11/21/22 07:49	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			11/21/22 07:49	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/21/22 07:49	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			11/21/22 07:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			11/21/22 07:49	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			11/21/22 07:49	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			11/21/22 07:49	1
Trichloroethene	ND		1.0	0.32	ug/Kg			11/21/22 07:49	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			11/21/22 07:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			11/21/22 07:49	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			11/21/22 07:49	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			11/21/22 07:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*75 - 139*		*11/21/22 07:49*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 139*		*11/21/22 07:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*72 - 145*		*11/21/22 07:49*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/21/22 07:49*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879129/4
Matrix: Solid
Analysis Batch: 879129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	100		ug/Kg		100	63 - 131
Benzene	20.0	20.9		ug/Kg		104	80 - 123
Bromoform	20.0	17.1		ug/Kg		85	70 - 125
Bromomethane	20.0	16.3		ug/Kg		82	64 - 150
2-Butanone (MEK)	100	88.6		ug/Kg		89	75 - 120
Carbon disulfide	20.0	22.8		ug/Kg		114	76 - 120
Carbon tetrachloride	20.0	22.7		ug/Kg		114	77 - 121
Chlorobenzene	20.0	18.9		ug/Kg		94	80 - 120
Chlorobromomethane	20.0	20.6		ug/Kg		103	76 - 127
Chlorodibromomethane	20.0	18.0		ug/Kg		90	80 - 120
Chloroethane	20.0	21.0		ug/Kg		105	68 - 132
Chloroform	20.0	21.9		ug/Kg		109	79 - 126
Chloromethane	20.0	20.9		ug/Kg		105	63 - 130
cis-1,2-Dichloroethene	20.0	21.8		ug/Kg		109	80 - 123
cis-1,3-Dichloropropene	20.0	18.9		ug/Kg		95	80 - 120
Cyclohexane	20.0	23.1		ug/Kg		115	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	17.0		ug/Kg		85	60 - 124
1,2-Dibromoethane	20.0	18.0		ug/Kg		90	79 - 120
1,2-Dichlorobenzene	20.0	18.3		ug/Kg		92	80 - 120
1,3-Dichlorobenzene	20.0	19.0		ug/Kg		95	80 - 120
1,4-Dichlorobenzene	20.0	18.5		ug/Kg		93	80 - 120
Dichlorobromomethane	20.0	21.5		ug/Kg		108	73 - 124
Dichlorodifluoromethane	20.0	20.3		ug/Kg		101	62 - 150
1,1-Dichloroethane	20.0	22.5		ug/Kg		113	77 - 129
1,2-Dichloroethane	20.0	22.5		ug/Kg		112	75 - 123
1,1-Dichloroethene	20.0	22.0		ug/Kg		110	70 - 132
1,2-Dichloroethene, Total	40.0	43.1		ug/Kg		108	79 - 125
1,2-Dichloropropane	20.0	22.5		ug/Kg		113	73 - 124
1,4-Dioxane	400	347		ug/Kg		87	80 - 136
Ethylbenzene	20.0	19.7		ug/Kg		99	76 - 120
2-Hexanone	100	95.0		ug/Kg		95	70 - 128
Isopropylbenzene	20.0	19.5		ug/Kg		97	80 - 120
Methyl acetate	40.0	44.1		ug/Kg		110	58 - 143
Methylcyclohexane	20.0	24.1		ug/Kg		120	70 - 133
Methylene Chloride	20.0	21.0		ug/Kg		105	76 - 120
4-Methyl-2-pentanone (MIBK)	100	94.0		ug/Kg		94	80 - 122
Methyl tert-butyl ether	20.0	21.6		ug/Kg		108	80 - 125
m-Xylene & p-Xylene	20.0	19.4		ug/Kg		97	80 - 120
o-Xylene	20.0	19.9		ug/Kg		99	80 - 120
Styrene	20.0	20.0		ug/Kg		100	80 - 120
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/Kg		91	66 - 123
Tetrachloroethene	20.0	18.2		ug/Kg		91	78 - 123
Toluene	20.0	19.0		ug/Kg		95	80 - 120
trans-1,2-Dichloroethene	20.0	21.3		ug/Kg		107	78 - 120
trans-1,3-Dichloropropene	20.0	19.2		ug/Kg		96	80 - 120
1,2,3-Trichlorobenzene	20.0	17.5		ug/Kg		87	44 - 120
1,2,4-Trichlorobenzene	20.0	17.5		ug/Kg		87	68 - 150
1,1,1-Trichloroethane	20.0	22.7		ug/Kg		114	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879129/4 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879129

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane			20.0	18.3		ug/Kg		91	80 - 120		
Trichloroethene			20.0	22.9		ug/Kg		114	79 - 120		
Trichlorofluoromethane			20.0	20.4		ug/Kg		102	76 - 142		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.5		ug/Kg		113	75 - 141		
Vinyl chloride			20.0	21.2		ug/Kg		106	72 - 131		
Xylenes, Total			40.0	39.3		ug/Kg		98	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*75 - 139*
Dibromofluoromethane (Surr)	*108*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 145*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 460-879129/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879129

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	105		ug/Kg		105	63 - 131	4	30
Benzene			20.0	21.4		ug/Kg		107	80 - 123	2	30
Bromoform			20.0	17.5		ug/Kg		87	70 - 125	2	30
Bromomethane			20.0	15.8		ug/Kg		79	64 - 150	3	30
2-Butanone (MEK)			100	87.8		ug/Kg		88	75 - 120	1	30
Carbon disulfide			20.0	23.7		ug/Kg		119	76 - 120	4	30
Carbon tetrachloride			20.0	22.6		ug/Kg		113	77 - 121	1	30
Chlorobenzene			20.0	19.5		ug/Kg		97	80 - 120	3	30
Chlorobromomethane			20.0	20.6		ug/Kg		103	76 - 127	0	30
Chlorodibromomethane			20.0	19.0		ug/Kg		95	80 - 120	6	30
Chloroethane			20.0	18.9		ug/Kg		95	68 - 132	10	30
Chloroform			20.0	22.4		ug/Kg		112	79 - 126	2	30
Chloromethane			20.0	19.9		ug/Kg		100	63 - 130	5	30
cis-1,2-Dichloroethene			20.0	22.3		ug/Kg		112	80 - 123	2	30
cis-1,3-Dichloropropene			20.0	20.1		ug/Kg		101	80 - 120	6	30
Cyclohexane			20.0	24.1		ug/Kg		121	70 - 132	4	30
1,2-Dibromo-3-Chloropropane			20.0	18.0		ug/Kg		90	60 - 124	6	30
1,2-Dibromoethane			20.0	18.8		ug/Kg		94	79 - 120	4	30
1,2-Dichlorobenzene			20.0	18.2		ug/Kg		91	80 - 120	1	30
1,3-Dichlorobenzene			20.0	19.0		ug/Kg		95	80 - 120	0	30
1,4-Dichlorobenzene			20.0	18.7		ug/Kg		94	80 - 120	1	30
Dichlorobromomethane			20.0	21.9		ug/Kg		109	73 - 124	1	30
Dichlorodifluoromethane			20.0	18.1		ug/Kg		91	62 - 150	11	30
1,1-Dichloroethane			20.0	23.1		ug/Kg		116	77 - 129	3	30
1,2-Dichloroethane			20.0	22.8		ug/Kg		114	75 - 123	1	30
1,1-Dichloroethene			20.0	22.4		ug/Kg		112	70 - 132	2	30
1,2-Dichloroethene, Total			40.0	44.0		ug/Kg		110	79 - 125	2	30
1,2-Dichloropropane			20.0	25.6	*+	ug/Kg		128	73 - 124	13	30
1,4-Dioxane			400	364		ug/Kg		91	80 - 136	5	30
Ethylbenzene			20.0	20.4		ug/Kg		102	76 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-879129/5
Matrix: Solid
Analysis Batch: 879129

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			100	94.5		ug/Kg		95	70 - 128	1	30
Isopropylbenzene			20.0	20.2		ug/Kg		101	80 - 120	4	30
Methyl acetate			40.0	44.6		ug/Kg		112	58 - 143	1	30
Methylcyclohexane			20.0	23.1		ug/Kg		116	70 - 133	4	30
Methylene Chloride			20.0	22.2		ug/Kg		111	76 - 120	6	30
4-Methyl-2-pentanone (MIBK)			100	95.0		ug/Kg		95	80 - 122	1	30
Methyl tert-butyl ether			20.0	23.1		ug/Kg		116	80 - 125	7	30
m-Xylene & p-Xylene			20.0	20.1		ug/Kg		101	80 - 120	4	30
o-Xylene			20.0	20.5		ug/Kg		103	80 - 120	3	30
Styrene			20.0	20.1		ug/Kg		100	80 - 120	0	30
1,1,2,2-Tetrachloroethane			20.0	19.5		ug/Kg		97	66 - 123	6	30
Tetrachloroethene			20.0	18.5		ug/Kg		93	78 - 123	2	30
Toluene			20.0	19.6		ug/Kg		98	80 - 120	3	30
trans-1,2-Dichloroethene			20.0	21.7		ug/Kg		109	78 - 120	2	30
trans-1,3-Dichloropropene			20.0	20.1		ug/Kg		100	80 - 120	4	30
1,2,3-Trichlorobenzene			20.0	17.4		ug/Kg		87	44 - 120	1	30
1,2,4-Trichlorobenzene			20.0	17.8		ug/Kg		89	68 - 150	2	30
1,1,1-Trichloroethane			20.0	22.9		ug/Kg		115	78 - 120	1	30
1,1,2-Trichloroethane			20.0	19.6		ug/Kg		98	80 - 120	7	30
Trichloroethene			20.0	22.6		ug/Kg		113	79 - 120	1	30
Trichlorofluoromethane			20.0	18.8		ug/Kg		94	76 - 142	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.8		ug/Kg		114	75 - 141	1	30
Vinyl chloride			20.0	19.8		ug/Kg		99	72 - 131	7	30
Xylenes, Total			40.0	40.6		ug/Kg		102	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*75 - 139*
Dibromofluoromethane (Surr)	*109*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*116*		*72 - 145*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 460-879239/7
Matrix: Solid
Analysis Batch: 879239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			11/22/22 06:47	1
Benzene	ND		1.0	0.26	ug/Kg			11/22/22 06:47	1
Bromoform	ND		1.0	0.43	ug/Kg			11/22/22 06:47	1
Bromomethane	ND		2.0	1.0	ug/Kg			11/22/22 06:47	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			11/22/22 06:47	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			11/22/22 06:47	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			11/22/22 06:47	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			11/22/22 06:47	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			11/22/22 06:47	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			11/22/22 06:47	1
Chloroethane	ND		1.0	0.52	ug/Kg			11/22/22 06:47	1
Chloroform	ND		1.0	0.97	ug/Kg			11/22/22 06:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-879239/7
Matrix: Solid
Analysis Batch: 879239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.44	ug/Kg			11/22/22 06:47	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			11/22/22 06:47	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/22/22 06:47	1
Cyclohexane	ND		1.0	0.22	ug/Kg			11/22/22 06:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			11/22/22 06:47	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			11/22/22 06:47	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			11/22/22 06:47	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			11/22/22 06:47	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			11/22/22 06:47	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			11/22/22 06:47	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			11/22/22 06:47	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			11/22/22 06:47	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			11/22/22 06:47	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			11/22/22 06:47	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			11/22/22 06:47	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			11/22/22 06:47	1
1,4-Dioxane	ND		100	9.2	ug/Kg			11/22/22 06:47	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			11/22/22 06:47	1
2-Hexanone	ND		5.0	1.7	ug/Kg			11/22/22 06:47	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			11/22/22 06:47	1
Methyl acetate	ND		5.0	4.3	ug/Kg			11/22/22 06:47	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			11/22/22 06:47	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			11/22/22 06:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			11/22/22 06:47	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			11/22/22 06:47	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			11/22/22 06:47	1
o-Xylene	ND		1.0	0.19	ug/Kg			11/22/22 06:47	1
Styrene	ND		1.0	0.28	ug/Kg			11/22/22 06:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			11/22/22 06:47	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			11/22/22 06:47	1
Toluene	ND		1.0	0.23	ug/Kg			11/22/22 06:47	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			11/22/22 06:47	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/22/22 06:47	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			11/22/22 06:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			11/22/22 06:47	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			11/22/22 06:47	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			11/22/22 06:47	1
Trichloroethene	ND		1.0	0.32	ug/Kg			11/22/22 06:47	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			11/22/22 06:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			11/22/22 06:47	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			11/22/22 06:47	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			11/22/22 06:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*		*11/22/22 06:47*	*1*
Dibromofluoromethane (Surr)	*102*		*73 - 139*		*11/22/22 06:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 145*		*11/22/22 06:47*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/22/22 06:47*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879239/3
Matrix: Solid
Analysis Batch: 879239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	108		ug/Kg		108	63 - 131
Benzene	20.0	22.1		ug/Kg		111	80 - 123
Bromoform	20.0	19.6		ug/Kg		98	70 - 125
Bromomethane	20.0	17.5		ug/Kg		88	64 - 150
2-Butanone (MEK)	100	96.2		ug/Kg		96	75 - 120
Carbon disulfide	20.0	21.2		ug/Kg		106	76 - 120
Carbon tetrachloride	20.0	21.5		ug/Kg		108	77 - 121
Chlorobenzene	20.0	20.7		ug/Kg		103	80 - 120
Chlorobromomethane	20.0	18.5		ug/Kg		92	76 - 127
Chlorodibromomethane	20.0	20.5		ug/Kg		102	80 - 120
Chloroethane	20.0	20.4		ug/Kg		102	68 - 132
Chloroform	20.0	20.8		ug/Kg		104	79 - 126
Chloromethane	20.0	20.5		ug/Kg		103	63 - 130
cis-1,2-Dichloroethene	20.0	19.9		ug/Kg		99	80 - 123
cis-1,3-Dichloropropene	20.0	21.8		ug/Kg		109	80 - 120
Cyclohexane	20.0	22.1		ug/Kg		111	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	20.8		ug/Kg		104	60 - 124
1,2-Dibromoethane	20.0	19.9		ug/Kg		99	79 - 120
1,2-Dichlorobenzene	20.0	21.5		ug/Kg		107	80 - 120
1,3-Dichlorobenzene	20.0	22.6		ug/Kg		113	80 - 120
1,4-Dichlorobenzene	20.0	21.9		ug/Kg		110	80 - 120
Dichlorobromomethane	20.0	20.4		ug/Kg		102	73 - 124
Dichlorodifluoromethane	20.0	20.1		ug/Kg		101	62 - 150
1,1-Dichloroethane	20.0	20.9		ug/Kg		105	77 - 129
1,2-Dichloroethane	20.0	20.8		ug/Kg		104	75 - 123
1,1-Dichloroethene	20.0	20.4		ug/Kg		102	70 - 132
1,2-Dichloroethene, Total	40.0	40.0		ug/Kg		100	79 - 125
1,2-Dichloropropane	20.0	20.5		ug/Kg		102	73 - 124
1,4-Dioxane	400	440		ug/Kg		110	80 - 136
Ethylbenzene	20.0	21.9		ug/Kg		110	76 - 120
2-Hexanone	100	102		ug/Kg		102	70 - 128
Isopropylbenzene	20.0	23.1		ug/Kg		115	80 - 120
Methyl acetate	40.0	35.7		ug/Kg		89	58 - 143
Methylcyclohexane	20.0	21.4		ug/Kg		107	70 - 133
Methylene Chloride	20.0	19.5		ug/Kg		97	76 - 120
4-Methyl-2-pentanone (MIBK)	100	100		ug/Kg		100	80 - 122
Methyl tert-butyl ether	20.0	20.8		ug/Kg		104	80 - 125
m-Xylene & p-Xylene	20.0	21.7		ug/Kg		109	80 - 120
o-Xylene	20.0	22.2		ug/Kg		111	80 - 120
Styrene	20.0	21.5		ug/Kg		108	80 - 120
1,1,2,2-Tetrachloroethane	20.0	22.0		ug/Kg		110	66 - 123
Tetrachloroethene	20.0	20.8		ug/Kg		104	78 - 123
Toluene	20.0	21.3		ug/Kg		106	80 - 120
trans-1,2-Dichloroethene	20.0	20.1		ug/Kg		101	78 - 120
trans-1,3-Dichloropropene	20.0	21.7		ug/Kg		108	80 - 120
1,2,3-Trichlorobenzene	20.0	20.1		ug/Kg		101	44 - 120
1,2,4-Trichlorobenzene	20.0	20.8		ug/Kg		104	68 - 150
1,1,1-Trichloroethane	20.0	22.0		ug/Kg		110	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879239/3 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 879239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	20.9		ug/Kg		105	80 - 120
Trichloroethene	20.0	20.9		ug/Kg		105	79 - 120
Trichlorofluoromethane	20.0	21.9		ug/Kg		110	76 - 142
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.0		ug/Kg		110	75 - 141
Vinyl chloride	20.0	21.5		ug/Kg		108	72 - 131
Xylenes, Total	40.0	43.9		ug/Kg		110	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*75 - 139*
Dibromofluoromethane (Surr)	*94*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 460-879239/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 879239

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	100	107		ug/Kg		107	63 - 131	1	30
Benzene	20.0	21.6		ug/Kg		108	80 - 123	2	30
Bromoform	20.0	18.8		ug/Kg		94	70 - 125	4	30
Bromomethane	20.0	16.6		ug/Kg		83	64 - 150	5	30
2-Butanone (MEK)	100	93.7		ug/Kg		94	75 - 120	3	30
Carbon disulfide	20.0	20.4		ug/Kg		102	76 - 120	4	30
Carbon tetrachloride	20.0	20.9		ug/Kg		105	77 - 121	3	30
Chlorobenzene	20.0	20.2		ug/Kg		101	80 - 120	2	30
Chlorobromomethane	20.0	18.4		ug/Kg		92	76 - 127	0	30
Chlorodibromomethane	20.0	20.1		ug/Kg		100	80 - 120	2	30
Chloroethane	20.0	20.0		ug/Kg		100	68 - 132	2	30
Chloroform	20.0	20.0		ug/Kg		100	79 - 126	4	30
Chloromethane	20.0	19.7		ug/Kg		99	63 - 130	4	30
cis-1,2-Dichloroethene	20.0	19.5		ug/Kg		97	80 - 123	2	30
cis-1,3-Dichloropropene	20.0	21.0		ug/Kg		105	80 - 120	4	30
Cyclohexane	20.0	21.4		ug/Kg		107	70 - 132	3	30
1,2-Dibromo-3-Chloropropane	20.0	19.7		ug/Kg		99	60 - 124	5	30
1,2-Dibromoethane	20.0	19.5		ug/Kg		97	79 - 120	2	30
1,2-Dichlorobenzene	20.0	20.1		ug/Kg		101	80 - 120	7	30
1,3-Dichlorobenzene	20.0	21.5		ug/Kg		107	80 - 120	5	30
1,4-Dichlorobenzene	20.0	20.5		ug/Kg		102	80 - 120	7	30
Dichlorobromomethane	20.0	20.0		ug/Kg		100	73 - 124	2	30
Dichlorodifluoromethane	20.0	20.0		ug/Kg		100	62 - 150	0	30
1,1-Dichloroethane	20.0	20.2		ug/Kg		101	77 - 129	3	30
1,2-Dichloroethane	20.0	20.4		ug/Kg		102	75 - 123	2	30
1,1-Dichloroethene	20.0	20.1		ug/Kg		101	70 - 132	1	30
1,2-Dichloroethene, Total	40.0	38.5		ug/Kg		96	79 - 125	4	30
1,2-Dichloropropane	20.0	20.8		ug/Kg		104	73 - 124	2	30
1,4-Dioxane	400	425		ug/Kg		106	80 - 136	3	30
Ethylbenzene	20.0	21.1		ug/Kg		106	76 - 120	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-879239/4
Matrix: Solid
Analysis Batch: 879239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			100	105		ug/Kg		105	70 - 128	2	30
Isopropylbenzene			20.0	21.9		ug/Kg		109	80 - 120	5	30
Methyl acetate			40.0	35.6		ug/Kg		89	58 - 143	0	30
Methylcyclohexane			20.0	20.3		ug/Kg		101	70 - 133	5	30
Methylene Chloride			20.0	19.0		ug/Kg		95	76 - 120	3	30
4-Methyl-2-pentanone (MIBK)			100	101		ug/Kg		101	80 - 122	1	30
Methyl tert-butyl ether			20.0	20.2		ug/Kg		101	80 - 125	3	30
m-Xylene & p-Xylene			20.0	20.8		ug/Kg		104	80 - 120	5	30
o-Xylene			20.0	21.1		ug/Kg		106	80 - 120	5	30
Styrene			20.0	20.6		ug/Kg		103	80 - 120	4	30
1,1,2,2-Tetrachloroethane			20.0	21.4		ug/Kg		107	66 - 123	3	30
Tetrachloroethene			20.0	19.7		ug/Kg		99	78 - 123	6	30
Toluene			20.0	20.5		ug/Kg		102	80 - 120	4	30
trans-1,2-Dichloroethene			20.0	19.0		ug/Kg		95	78 - 120	6	30
trans-1,3-Dichloropropene			20.0	21.1		ug/Kg		105	80 - 120	3	30
1,2,3-Trichlorobenzene			20.0	19.3		ug/Kg		96	44 - 120	4	30
1,2,4-Trichlorobenzene			20.0	19.9		ug/Kg		100	68 - 150	4	30
1,1,1-Trichloroethane			20.0	21.0		ug/Kg		105	78 - 120	5	30
1,1,2-Trichloroethane			20.0	20.2		ug/Kg		101	80 - 120	3	30
Trichloroethene			20.0	19.8		ug/Kg		99	79 - 120	5	30
Trichlorofluoromethane			20.0	21.2		ug/Kg		106	76 - 142	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	21.4		ug/Kg		107	75 - 141	3	30
Vinyl chloride			20.0	20.9		ug/Kg		104	72 - 131	3	30
Xylenes, Total			40.0	41.9		ug/Kg		105	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*75 - 139*
Dibromofluoromethane (Surr)	*94*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 145*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-878071/1-A
Matrix: Solid
Analysis Batch: 878224

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		330	9.4	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Acenaphthylene	ND		330	9.5	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Acetophenone	ND		330	16	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Anthracene	ND		330	10	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Atrazine	ND		130	19	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Benzaldehyde	ND		330	55	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Benzo[a]anthracene	ND		33	12	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Benzo[a]pyrene	ND		33	8.8	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Benzo[b]fluoranthene	ND		33	8.6	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Benzo[g,h,i]perylene	ND		330	9.8	ug/Kg		11/15/22 22:14	11/16/22 13:28	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878071/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878224 **Prep Batch: 878071**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		33	6.5	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
1,1'-Biphenyl	ND		330	12	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Bis(2-chloroethoxy)methane	ND		330	26	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Bis(2-chloroethyl)ether	ND		33	12	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Bis(2-ethylhexyl) phthalate	ND		330	17	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
4-Bromophenyl phenyl ether	ND		330	13	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Butyl benzyl phthalate	ND		330	16	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Caprolactam	ND		330	51	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Carbazole	ND		330	13	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
4-Chloroaniline	ND		330	59	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
4-Chloro-3-methylphenol	ND		330	19	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2-Chloronaphthalene	ND		330	15	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2-Chlorophenol	ND		330	12	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
4-Chlorophenyl phenyl ether	ND		330	12	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Chrysene	ND		330	5.6	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Dibenz(a,h)anthracene	ND		33	14	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Dibenzofuran	ND		330	11	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
3,3'-Dichlorobenzidine	ND		130	50	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2,4-Dichlorophenol	ND		130	21	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Diethyl phthalate	ND		330	11	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2,4-Dimethylphenol	ND		330	39	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Dimethyl phthalate	ND		330	75	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Di-n-butyl phthalate	ND		330	12	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2,4-Dinitrophenol	ND		270	160	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2,4-Dinitrotoluene	ND		67	36	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2,6-Dinitrotoluene	ND		67	24	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Di-n-octyl phthalate	ND		330	18	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
1,4-Dioxane	ND		33	29	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Fluoranthene	ND		330	12	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Fluorene	ND		330	9.7	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Hexachlorobenzene	ND		33	16	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Hexachlorobutadiene	ND		67	7.0	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Hexachlorocyclopentadiene	ND		330	29	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Hexachloroethane	ND		33	11	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Indeno[1,2,3-cd]pyrene	ND		33	13	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Isophorone	ND		130	96	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2-Methylnaphthalene	ND		330	9.3	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2-Methylphenol	ND		330	12	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Methylphenol, 3 & 4	ND		330	21	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Naphthalene	ND		330	5.7	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2-Nitroaniline	ND		330	25	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
3-Nitroaniline	ND		330	79	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
4-Nitroaniline	ND		330	38	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Nitrobenzene	ND		33	18	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2-Nitrophenol	ND		330	33	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
4-Nitrophenol	ND		670	54	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
N-Nitrosodi-n-propylamine	ND		33	24	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
N-Nitrosodiphenylamine	ND		330	27	ug/Kg		11/15/22 22:14	11/16/22 13:28	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878071/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878224 **Prep Batch: 878071**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		330	6.0	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Pentachlorophenol	ND		270	68	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Phenanthrene	ND		330	5.8	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Phenol	ND		330	12	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
Pyrene	ND		330	8.2	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
1,2,4,5-Tetrachlorobenzene	ND		330	10	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2,3,4,6-Tetrachlorophenol	ND		330	22	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2,4,5-Trichlorophenol	ND		330	34	ug/Kg		11/15/22 22:14	11/16/22 13:28	1
2,4,6-Trichlorophenol	ND		130	42	ug/Kg		11/15/22 22:14	11/16/22 13:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*22 - 122*	*11/15/22 22:14*	*11/16/22 13:28*	*1*
2-Fluorophenol (Surr)	*72*		*18 - 123*	*11/15/22 22:14*	*11/16/22 13:28*	*1*
Nitrobenzene-d5 (Surr)	*76*		*16 - 125*	*11/15/22 22:14*	*11/16/22 13:28*	*1*
Phenol-d5 (Surr)	*76*		*23 - 120*	*11/15/22 22:14*	*11/16/22 13:28*	*1*
Terphenyl-d14 (Surr)	*97*		*25 - 126*	*11/15/22 22:14*	*11/16/22 13:28*	*1*
2,4,6-Tribromophenol (Surr)	*102*		*10 - 123*	*11/15/22 22:14*	*11/16/22 13:28*	*1*

Lab Sample ID: LCS 460-878071/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878224 **Prep Batch: 878071**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3330	2380		ug/Kg		71	49 - 120
Acenaphthylene	3330	2580		ug/Kg		77	64 - 120
Acetophenone	3330	2230		ug/Kg		67	61 - 120
Anthracene	3330	2720		ug/Kg		82	67 - 120
Atrazine	1330	1700		ug/Kg		128	29 - 150
Benzaldehyde	1330	1180		ug/Kg		88	34 - 150
Benzo[a]anthracene	3330	2820		ug/Kg		85	62 - 120
Benzo[a]pyrene	3330	2780		ug/Kg		83	73 - 123
Benzo[b]fluoranthene	3330	3110		ug/Kg		93	70 - 125
Benzo[g,h,i]perylene	3330	2800		ug/Kg		84	66 - 120
Benzo[k]fluoranthene	3330	2920		ug/Kg		87	67 - 122
1,1'-Biphenyl	3330	2680		ug/Kg		80	59 - 120
Bis(2-chloroethoxy)methane	3330	2400		ug/Kg		72	62 - 120
Bis(2-chloroethyl)ether	3330	2430		ug/Kg		73	60 - 120
Bis(2-ethylhexyl) phthalate	3330	2740		ug/Kg		82	59 - 125
4-Bromophenyl phenyl ether	3330	2740		ug/Kg		82	67 - 120
Butyl benzyl phthalate	3330	2780		ug/Kg		83	62 - 127
Caprolactam	1330	1560		ug/Kg		117	36 - 150
Carbazole	3330	2660		ug/Kg		80	64 - 120
4-Chloroaniline	3330	2360		ug/Kg		71	15 - 128
4-Chloro-3-methylphenol	3330	2550		ug/Kg		76	66 - 120
2-Chloronaphthalene	3330	2690		ug/Kg		81	60 - 120
2-Chlorophenol	3330	2420		ug/Kg		73	63 - 120
4-Chlorophenyl phenyl ether	3330	2790		ug/Kg		84	62 - 120
Chrysene	3330	2510		ug/Kg		75	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878071/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878224 **Prep Batch: 878071**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	3330	2890		ug/Kg		87	66 - 128
Dibenzofuran	3330	2750		ug/Kg		83	61 - 120
3,3'-Dichlorobenzidine	3330	2880		ug/Kg		86	13 - 136
2,4-Dichlorophenol	3330	2630		ug/Kg		79	66 - 120
Diethyl phthalate	3330	2790		ug/Kg		84	63 - 120
2,4-Dimethylphenol	3330	2240		ug/Kg		67	67 - 120
Dimethyl phthalate	3330	2760		ug/Kg		83	65 - 120
Di-n-butyl phthalate	3330	2710		ug/Kg		81	66 - 120
4,6-Dinitro-2-methylphenol	6670	6260		ug/Kg		94	50 - 136
2,4-Dinitrophenol	6670	7100		ug/Kg		107	36 - 129
2,4-Dinitrotoluene	3330	2940		ug/Kg		88	65 - 124
2,6-Dinitrotoluene	3330	3060		ug/Kg		92	67 - 121
Di-n-octyl phthalate	3330	2910		ug/Kg		87	65 - 133
1,4-Dioxane	3330	2100		ug/Kg		63	21 - 120
Fluoranthene	3330	2780		ug/Kg		83	61 - 120
Fluorene	3330	2740		ug/Kg		82	60 - 120
Hexachlorobenzene	3330	2660		ug/Kg		80	66 - 120
Hexachlorobutadiene	3330	2570		ug/Kg		77	62 - 120
Hexachlorocyclopentadiene	3330	1780		ug/Kg		53	38 - 120
Hexachloroethane	3330	2360		ug/Kg		71	61 - 120
Indeno[1,2,3-cd]pyrene	3330	4300		ug/Kg		129	62 - 130
Isophorone	3330	2370		ug/Kg		71	67 - 120
2-Methylnaphthalene	3330	2410		ug/Kg		72	64 - 120
2-Methylphenol	3330	2420		ug/Kg		73	63 - 120
Methylphenol, 3 & 4	3330	2080		ug/Kg		62	61 - 120
Naphthalene	3330	2400		ug/Kg		72	63 - 120
2-Nitroaniline	3330	2090		ug/Kg		63	48 - 120
3-Nitroaniline	3330	2750		ug/Kg		83	39 - 122
4-Nitroaniline	3330	2700		ug/Kg		81	55 - 120
Nitrobenzene	3330	2270		ug/Kg		68	63 - 120
2-Nitrophenol	3330	2950		ug/Kg		89	64 - 120
4-Nitrophenol	6670	4570		ug/Kg		69	52 - 123
N-Nitrosodi-n-propylamine	3330	2390		ug/Kg		72	61 - 120
N-Nitrosodiphenylamine	3330	2610		ug/Kg		78	63 - 120
2,2'-oxybis[1-chloropropane]	3330	2340		ug/Kg		70	49 - 126
Pentachlorophenol	6670	4340		ug/Kg		65	37 - 126
Phenanthrene	3330	2610		ug/Kg		78	66 - 120
Phenol	3330	2560		ug/Kg		77	63 - 120
Pyrene	3330	2660		ug/Kg		80	61 - 121
1,2,4,5-Tetrachlorobenzene	3330	2760		ug/Kg		83	60 - 120
2,3,4,6-Tetrachlorophenol	3330	2860		ug/Kg		86	54 - 120
2,4,5-Trichlorophenol	3330	2830		ug/Kg		85	59 - 120
2,4,6-Trichlorophenol	3330	2820		ug/Kg		85	58 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*84*		*22 - 122*
2-Fluorophenol (Surr)	*71*		*18 - 123*
Nitrobenzene-d5 (Surr)	*75*		*16 - 125*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878071/2-A
Matrix: Solid
Analysis Batch: 878224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878071

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Phenol-d5 (Surr)	*75*		*23 - 120*
Terphenyl-d14 (Surr)	*92*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*106*		*10 - 123*

Lab Sample ID: LCSD 460-878071/3-A
Matrix: Solid
Analysis Batch: 878224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 878071

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			3330	2390		ug/Kg		72	49 - 120	1	30
Acenaphthylene			3330	2560		ug/Kg		77	64 - 120	1	30
Acetophenone			3330	2230		ug/Kg		67	61 - 120	0	30
Anthracene			3330	2680		ug/Kg		80	67 - 120	2	30
Atrazine			1330	1690		ug/Kg		126	29 - 150	1	30
Benzaldehyde			1330	1180		ug/Kg		88	34 - 150	0	30
Benzo[a]anthracene			3330	2810		ug/Kg		84	62 - 120	0	30
Benzo[a]pyrene			3330	2740		ug/Kg		82	73 - 123	1	30
Benzo[b]fluoranthene			3330	3040		ug/Kg		91	70 - 125	2	30
Benzo[g,h,i]perylene			3330	2810		ug/Kg		84	66 - 120	0	30
Benzo[k]fluoranthene			3330	3040		ug/Kg		91	67 - 122	4	30
1,1'-Biphenyl			3330	2660		ug/Kg		80	59 - 120	1	30
Bis(2-chloroethoxy)methane			3330	2420		ug/Kg		73	62 - 120	1	30
Bis(2-chloroethyl)ether			3330	2400		ug/Kg		72	60 - 120	1	30
Bis(2-ethylhexyl) phthalate			3330	2670		ug/Kg		80	59 - 125	3	30
4-Bromophenyl phenyl ether			3330	2680		ug/Kg		80	67 - 120	2	30
Butyl benzyl phthalate			3330	2750		ug/Kg		82	62 - 127	1	30
Caprolactam			1330	1560		ug/Kg		117	36 - 150	0	30
Carbazole			3330	2630		ug/Kg		79	64 - 120	1	30
4-Chloroaniline			3330	2380		ug/Kg		71	15 - 128	1	30
4-Chloro-3-methylphenol			3330	2600		ug/Kg		78	66 - 120	2	30
2-Chloronaphthalene			3330	2680		ug/Kg		81	60 - 120	0	30
2-Chlorophenol			3330	2410		ug/Kg		72	63 - 120	1	30
4-Chlorophenyl phenyl ether			3330	2760		ug/Kg		83	62 - 120	1	30
Chrysene			3330	2530		ug/Kg		76	63 - 120	1	30
Dibenz(a,h)anthracene			3330	2900		ug/Kg		87	66 - 128	0	30
Dibenzofuran			3330	2740		ug/Kg		82	61 - 120	1	30
3,3'-Dichlorobenzidine			3330	2870		ug/Kg		86	13 - 136	0	30
2,4-Dichlorophenol			3330	2630		ug/Kg		79	66 - 120	0	30
Diethyl phthalate			3330	2730		ug/Kg		82	63 - 120	2	30
2,4-Dimethylphenol			3330	2240		ug/Kg		67	67 - 120	0	30
Dimethyl phthalate			3330	2760		ug/Kg		83	65 - 120	0	30
Di-n-butyl phthalate			3330	2670		ug/Kg		80	66 - 120	1	30
4,6-Dinitro-2-methylphenol			6670	6300		ug/Kg		95	50 - 136	1	30
2,4-Dinitrophenol			6670	7150		ug/Kg		107	36 - 129	1	30
2,4-Dinitrotoluene			3330	2990		ug/Kg		90	65 - 124	2	30
2,6-Dinitrotoluene			3330	3100		ug/Kg		93	67 - 121	1	30
Di-n-octyl phthalate			3330	2900		ug/Kg		87	65 - 133	0	30
1,4-Dioxane			3330	2050		ug/Kg		61	21 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-878071/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878224 **Prep Batch: 878071**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoranthene			3330	2740		ug/Kg		82	61 - 120	1	30
Fluorene			3330	2730		ug/Kg		82	60 - 120	0	30
Hexachlorobenzene			3330	2670		ug/Kg		80	66 - 120	0	30
Hexachlorobutadiene			3330	2600		ug/Kg		78	62 - 120	1	30
Hexachlorocyclopentadiene			3330	1800		ug/Kg		54	38 - 120	1	30
Hexachloroethane			3330	2290		ug/Kg		69	61 - 120	3	30
Indeno[1,2,3-cd]pyrene			3330	4310		ug/Kg		129	62 - 130	0	30
Isophorone			3330	2390		ug/Kg		72	67 - 120	0	30
2-Methylnaphthalene			3330	2420		ug/Kg		73	64 - 120	1	30
2-Methylphenol			3330	2420		ug/Kg		73	63 - 120	0	30
Methylphenol, 3 & 4			3330	2080		ug/Kg		62	61 - 120	0	30
Naphthalene			3330	2400		ug/Kg		72	63 - 120	0	30
2-Nitroaniline			3330	2080		ug/Kg		63	48 - 120	0	30
3-Nitroaniline			3330	2770		ug/Kg		83	39 - 122	1	30
4-Nitroaniline			3330	2680		ug/Kg		80	55 - 120	1	30
Nitrobenzene			3330	2250		ug/Kg		68	63 - 120	1	30
2-Nitrophenol			3330	2980		ug/Kg		89	64 - 120	1	30
4-Nitrophenol			6670	4610		ug/Kg		69	52 - 123	1	30
N-Nitrosodi-n-propylamine			3330	2360		ug/Kg		71	61 - 120	1	30
N-Nitrosodiphenylamine			3330	2630		ug/Kg		79	63 - 120	1	30
2,2'-oxybis[1-chloropropane]			3330	2300		ug/Kg		69	49 - 126	2	30
Pentachlorophenol			6670	4410		ug/Kg		66	37 - 126	1	30
Phenanthrene			3330	2540		ug/Kg		76	66 - 120	3	30
Phenol			3330	2540		ug/Kg		76	63 - 120	1	30
Pyrene			3330	2710		ug/Kg		81	61 - 121	2	30
1,2,4,5-Tetrachlorobenzene			3330	2700		ug/Kg		81	60 - 120	2	30
2,3,4,6-Tetrachlorophenol			3330	2910		ug/Kg		87	54 - 120	2	30
2,4,5-Trichlorophenol			3330	2690		ug/Kg		81	59 - 120	5	30
2,4,6-Trichlorophenol			3330	2820		ug/Kg		84	58 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*84*		*22 - 122*
2-Fluorophenol (Surr)	*71*		*18 - 123*
Nitrobenzene-d5 (Surr)	*75*		*16 - 125*
Phenol-d5 (Surr)	*76*		*23 - 120*
Terphenyl-d14 (Surr)	*91*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*105*		*10 - 123*

Lab Sample ID: 180-147752-19 MS **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878224 **Prep Batch: 878071**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		3470	2520		ug/Kg	☼	73	49 - 120
Acenaphthylene	ND		3470	2740		ug/Kg	☼	79	64 - 120
Acetophenone	ND		3470	2320		ug/Kg	☼	67	61 - 120
Anthracene	ND		3470	2800		ug/Kg	☼	81	67 - 120
Atrazine	ND		1390	1610		ug/Kg	☼	116	29 - 150

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147752-19 MS **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878224 **Prep Batch: 878071**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzaldehyde	ND		1390	1110		ug/Kg	☼	80	34 - 150
Benzo[a]anthracene	20	J	3470	2910		ug/Kg	☼	83	62 - 120
Benzo[a]pyrene	16	J	3470	2940		ug/Kg	☼	84	73 - 123
Benzo[b]fluoranthene	23	J	3470	3210		ug/Kg	☼	92	70 - 125
Benzo[g,h,i]perylene	ND		3470	2980		ug/Kg	☼	86	66 - 120
Benzo[k]fluoranthene	7.4	J	3470	3150		ug/Kg	☼	91	67 - 122
1,1'-Biphenyl	ND		3470	2860		ug/Kg	☼	82	59 - 120
Bis(2-chloroethoxy)methane	ND		3470	2550		ug/Kg	☼	73	62 - 120
Bis(2-chloroethyl)ether	ND		3470	2520		ug/Kg	☼	72	60 - 120
Bis(2-ethylhexyl) phthalate	ND		3470	2810		ug/Kg	☼	81	59 - 125
4-Bromophenyl phenyl ether	ND		3470	2860		ug/Kg	☼	82	67 - 120
Butyl benzyl phthalate	ND		3470	2920		ug/Kg	☼	84	62 - 127
Caprolactam	ND		1390	1430		ug/Kg	☼	103	36 - 150
Carbazole	ND		3470	2790		ug/Kg	☼	80	64 - 120
4-Chloroaniline	ND		3470	2470		ug/Kg	☼	71	15 - 128
4-Chloro-3-methylphenol	ND		3470	2720		ug/Kg	☼	78	66 - 120
2-Chloronaphthalene	ND		3470	2850		ug/Kg	☼	82	60 - 120
2-Chlorophenol	ND		3470	2510		ug/Kg	☼	72	63 - 120
4-Chlorophenyl phenyl ether	ND		3470	2950		ug/Kg	☼	85	62 - 120
Chrysene	17	J	3470	2680		ug/Kg	☼	77	63 - 120
Dibenz(a,h)anthracene	ND		3470	3090		ug/Kg	☼	89	66 - 128
Dibenzofuran	ND		3470	2900		ug/Kg	☼	84	61 - 120
3,3'-Dichlorobenzidine	ND		3470	2970		ug/Kg	☼	86	13 - 136
2,4-Dichlorophenol	ND		3470	2770		ug/Kg	☼	80	66 - 120
Diethyl phthalate	ND		3470	2880		ug/Kg	☼	83	63 - 120
2,4-Dimethylphenol	ND	F1	3470	2400		ug/Kg	☼	69	67 - 120
Dimethyl phthalate	ND		3470	2960		ug/Kg	☼	85	65 - 120
Di-n-butyl phthalate	ND		3470	2850		ug/Kg	☼	82	66 - 120
4,6-Dinitro-2-methylphenol	ND		6950	6450		ug/Kg	☼	93	50 - 136
2,4-Dinitrophenol	ND		6950	7540		ug/Kg	☼	108	36 - 129
2,4-Dinitrotoluene	ND		3470	3150		ug/Kg	☼	91	65 - 124
2,6-Dinitrotoluene	ND		3470	3210		ug/Kg	☼	92	67 - 121
Di-n-octyl phthalate	ND		3470	2980		ug/Kg	☼	86	65 - 133
1,4-Dioxane	ND		3470	2190		ug/Kg	☼	63	21 - 120
Fluoranthene	31	J	3470	2880		ug/Kg	☼	82	61 - 120
Fluorene	ND		3470	2900		ug/Kg	☼	83	60 - 120
Hexachlorobenzene	ND		3470	2820		ug/Kg	☼	81	66 - 120
Hexachlorobutadiene	ND		3470	2700		ug/Kg	☼	78	62 - 120
Hexachlorocyclopentadiene	ND		3470	1810		ug/Kg	☼	52	38 - 120
Hexachloroethane	ND		3470	2480		ug/Kg	☼	71	61 - 120
Indeno[1,2,3-cd]pyrene	ND	F1	3470	4540	F1	ug/Kg	☼	131	62 - 130
Isophorone	ND		3470	2530		ug/Kg	☼	73	67 - 120
2-Methylnaphthalene	ND		3470	2510		ug/Kg	☼	72	64 - 120
2-Methylphenol	ND		3470	2550		ug/Kg	☼	73	63 - 120
Methylphenol, 3 & 4	ND	F1	3470	2200		ug/Kg	☼	63	61 - 120
Naphthalene	ND		3470	2560		ug/Kg	☼	74	63 - 120
2-Nitroaniline	ND		3470	2210		ug/Kg	☼	64	48 - 120
3-Nitroaniline	ND		3470	2890		ug/Kg	☼	83	39 - 122
4-Nitroaniline	ND		3470	2790		ug/Kg	☼	80	55 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147752-19 MS **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878224 **Prep Batch: 878071**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	ND	F1	3470	2400		ug/Kg	☼	69	63 - 120
2-Nitrophenol	ND		3470	3110		ug/Kg	☼	90	64 - 120
4-Nitrophenol	ND		6950	4850		ug/Kg	☼	70	52 - 123
N-Nitrosodi-n-propylamine	ND		3470	2510		ug/Kg	☼	72	61 - 120
N-Nitrosodiphenylamine	ND		3470	2750		ug/Kg	☼	79	63 - 120
2,2'-oxybis[1-chloropropane]	ND		3470	2450		ug/Kg	☼	70	49 - 126
Pentachlorophenol	ND		6950	4620		ug/Kg	☼	66	37 - 126
Phenanthrene	ND		3470	2700		ug/Kg	☼	78	66 - 120
Phenol	ND		3470	2620		ug/Kg	☼	76	63 - 120
Pyrene	23	J	3470	2820		ug/Kg	☼	81	61 - 121
1,2,4,5-Tetrachlorobenzene	ND		3470	2910		ug/Kg	☼	84	60 - 120
2,3,4,6-Tetrachlorophenol	ND		3470	3000		ug/Kg	☼	86	54 - 120
2,4,5-Trichlorophenol	ND		3470	2980		ug/Kg	☼	86	59 - 120
2,4,6-Trichlorophenol	ND		3470	2920		ug/Kg	☼	84	58 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*84*		*22 - 122*
2-Fluorophenol (Surr)	*65*		*18 - 123*
Nitrobenzene-d5 (Surr)	*74*		*16 - 125*
Phenol-d5 (Surr)	*75*		*23 - 120*
Terphenyl-d14 (Surr)	*92*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*105*		*10 - 123*

Lab Sample ID: 180-147752-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878224 **Prep Batch: 878071**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		3480	2360		ug/Kg	☼	68	49 - 120	6	30
Acenaphthylene	ND		3480	2570		ug/Kg	☼	74	64 - 120	6	30
Acetophenone	ND		3480	2180		ug/Kg	☼	63	61 - 120	6	30
Anthracene	ND		3480	2680		ug/Kg	☼	77	67 - 120	4	30
Atrazine	ND		1390	1830		ug/Kg	☼	132	29 - 150	13	30
Benzaldehyde	ND		1390	1140	E	ug/Kg	☼	82	34 - 150	3	30
Benzo[a]anthracene	20	J	3480	2800		ug/Kg	☼	80	62 - 120	4	30
Benzo[a]pyrene	16	J	3480	2810		ug/Kg	☼	80	73 - 123	5	30
Benzo[b]fluoranthene	23	J	3480	3120		ug/Kg	☼	89	70 - 125	3	30
Benzo[g,h,i]perylene	ND		3480	2910		ug/Kg	☼	84	66 - 120	2	30
Benzo[k]fluoranthene	7.4	J	3480	3000		ug/Kg	☼	86	67 - 122	5	30
1,1'-Biphenyl	ND		3480	2640		ug/Kg	☼	76	59 - 120	8	30
Bis(2-chloroethoxy)methane	ND		3480	2350		ug/Kg	☼	68	62 - 120	8	30
Bis(2-chloroethyl)ether	ND		3480	2300		ug/Kg	☼	66	60 - 120	9	30
Bis(2-ethylhexyl) phthalate	ND		3480	2650		ug/Kg	☼	76	59 - 125	6	30
4-Bromophenyl phenyl ether	ND		3480	2670		ug/Kg	☼	77	67 - 120	7	30
Butyl benzyl phthalate	ND		3480	2780		ug/Kg	☼	80	62 - 127	5	30
Caprolactam	ND		1390	1650		ug/Kg	☼	119	36 - 150	14	30
Carbazole	ND		3480	2700		ug/Kg	☼	78	64 - 120	3	30
4-Chloroaniline	ND		3480	2380		ug/Kg	☼	68	15 - 128	4	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147752-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878224 **Prep Batch: 878071**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	ND		3480	2550		ug/Kg	☼	73	66 - 120	6	30
2-Chloronaphthalene	ND		3480	2660		ug/Kg	☼	76	60 - 120	7	30
2-Chlorophenol	ND		3480	2300		ug/Kg	☼	66	63 - 120	9	30
4-Chlorophenyl phenyl ether	ND		3480	2770		ug/Kg	☼	80	62 - 120	6	30
Chrysene	17	J	3480	2590		ug/Kg	☼	74	63 - 120	3	30
Dibenz(a,h)anthracene	ND		3480	2970		ug/Kg	☼	85	66 - 128	4	30
Dibenzofuran	ND		3480	2760		ug/Kg	☼	79	61 - 120	5	30
3,3'-Dichlorobenzidine	ND		3480	2970		ug/Kg	☼	85	13 - 136	0	30
2,4-Dichlorophenol	ND		3480	2530		ug/Kg	☼	73	66 - 120	9	30
Diethyl phthalate	ND		3480	2740		ug/Kg	☼	79	63 - 120	5	30
2,4-Dimethylphenol	ND	F1	3480	2220	F1	ug/Kg	☼	64	67 - 120	8	30
Dimethyl phthalate	ND		3480	2760		ug/Kg	☼	80	65 - 120	7	30
Di-n-butyl phthalate	ND		3480	2710		ug/Kg	☼	78	66 - 120	5	30
4,6-Dinitro-2-methylphenol	ND		6950	6350		ug/Kg	☼	91	50 - 136	2	30
2,4-Dinitrophenol	ND		6950	7500		ug/Kg	☼	108	36 - 129	0	30
2,4-Dinitrotoluene	ND		3480	3020		ug/Kg	☼	87	65 - 124	4	30
2,6-Dinitrotoluene	ND		3480	3110		ug/Kg	☼	89	67 - 121	3	30
Di-n-octyl phthalate	ND		3480	2840		ug/Kg	☼	82	65 - 133	5	30
1,4-Dioxane	ND		3480	1970		ug/Kg	☼	57	21 - 120	10	30
Fluoranthene	31	J	3480	2810		ug/Kg	☼	80	61 - 120	2	30
Fluorene	ND		3480	2800		ug/Kg	☼	80	60 - 120	4	30
Hexachlorobenzene	ND		3480	2690		ug/Kg	☼	77	66 - 120	5	30
Hexachlorobutadiene	ND		3480	2460		ug/Kg	☼	71	62 - 120	10	30
Hexachlorocyclopentadiene	ND		3480	1600		ug/Kg	☼	46	38 - 120	12	30
Hexachloroethane	ND		3480	2210		ug/Kg	☼	64	61 - 120	11	30
Indeno[1,2,3-cd]pyrene	ND	F1	3480	4420		ug/Kg	☼	127	62 - 130	3	30
Isophorone	ND		3480	2350		ug/Kg	☼	68	67 - 120	7	30
2-Methylnaphthalene	ND		3480	2370		ug/Kg	☼	68	64 - 120	6	30
2-Methylphenol	ND		3480	2350		ug/Kg	☼	68	63 - 120	8	30
Methylphenol, 3 & 4	ND	F1	3480	2040	F1	ug/Kg	☼	59	61 - 120	7	30
Naphthalene	ND		3480	2370		ug/Kg	☼	68	63 - 120	8	30
2-Nitroaniline	ND		3480	2130		ug/Kg	☼	61	48 - 120	4	30
3-Nitroaniline	ND		3480	2830		ug/Kg	☼	81	39 - 122	2	30
4-Nitroaniline	ND		3480	2720		ug/Kg	☼	78	55 - 120	2	30
Nitrobenzene	ND	F1	3480	2160	F1	ug/Kg	☼	62	63 - 120	11	30
2-Nitrophenol	ND		3480	2840		ug/Kg	☼	82	64 - 120	9	30
4-Nitrophenol	ND		6950	4800		ug/Kg	☼	69	52 - 123	1	30
N-Nitrosodi-n-propylamine	ND		3480	2330		ug/Kg	☼	67	61 - 120	8	30
N-Nitrosodiphenylamine	ND		3480	2680		ug/Kg	☼	77	63 - 120	3	30
2,2'-oxybis[1-chloropropane]	ND		3480	2220		ug/Kg	☼	64	49 - 126	10	30
Pentachlorophenol	ND		6950	4520		ug/Kg	☼	65	37 - 126	2	30
Phenanthrene	ND		3480	2610		ug/Kg	☼	75	66 - 120	3	30
Phenol	ND		3480	2430		ug/Kg	☼	70	63 - 120	8	30
Pyrene	23	J	3480	2670		ug/Kg	☼	76	61 - 121	6	30
1,2,4,5-Tetrachlorobenzene	ND		3480	2670		ug/Kg	☼	77	60 - 120	8	30
2,3,4,6-Tetrachlorophenol	ND		3480	2910		ug/Kg	☼	84	54 - 120	3	30
2,4,5-Trichlorophenol	ND		3480	2810		ug/Kg	☼	81	59 - 120	6	30
2,4,6-Trichlorophenol	ND		3480	2790		ug/Kg	☼	80	58 - 120	5	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147752-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878224 **Prep Batch: 878071**

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl	79		22 - 122
2-Fluorophenol (Surr)	64		18 - 123
Nitrobenzene-d5 (Surr)	69		16 - 125
Phenol-d5 (Surr)	69		23 - 120
Terphenyl-d14 (Surr)	87		25 - 126
2,4,6-Tribromophenol (Surr)	103		10 - 123

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-418113/1-C **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 419019 **Prep Batch: 418113**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		11/14/22 10:29	11/24/22 06:05	1
PCB-1221	ND		17	5.9	ug/Kg		11/14/22 10:29	11/24/22 06:05	1
PCB-1232	ND		17	4.1	ug/Kg		11/14/22 10:29	11/24/22 06:05	1
PCB-1242	ND		17	2.4	ug/Kg		11/14/22 10:29	11/24/22 06:05	1
PCB-1248	ND		17	4.0	ug/Kg		11/14/22 10:29	11/24/22 06:05	1
PCB-1254	ND		17	5.0	ug/Kg		11/14/22 10:29	11/24/22 06:05	1
PCB-1260	ND		17	4.7	ug/Kg		11/14/22 10:29	11/24/22 06:05	1
PCB-1262	ND		17	5.9	ug/Kg		11/14/22 10:29	11/24/22 06:05	1
PCB-1268	ND		17	2.2	ug/Kg		11/14/22 10:29	11/24/22 06:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	94		63 - 138	11/14/22 10:29	11/24/22 06:05	1
DCB Decachlorobiphenyl (Surr)	101		63 - 138	11/14/22 10:29	11/24/22 06:05	1
Tetrachloro-m-xylene (Surr)	92		55 - 135	11/14/22 10:29	11/24/22 06:05	1
Tetrachloro-m-xylene (Surr)	101		55 - 135	11/14/22 10:29	11/24/22 06:05	1

Lab Sample ID: LCS 180-418113/2-C **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 419019 **Prep Batch: 418113**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1140		ug/Kg		85	43 - 136		
PCB-1260			1330	1140		ug/Kg		86	55 - 128		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	84		63 - 138
DCB Decachlorobiphenyl (Surr)	91		63 - 138
Tetrachloro-m-xylene (Surr)	81		55 - 135
Tetrachloro-m-xylene (Surr)	92		55 - 135

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-147752-19 MS — **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 419019 — **Prep Batch: 418113**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		1390	1020		ug/Kg	☼	74	43 - 136
PCB-1260	ND		1390	977		ug/Kg	☼	70	55 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*75*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*68*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*

Lab Sample ID: 180-147752-19 MSD — **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 419019 — **Prep Batch: 418113**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1390	1040		ug/Kg	☼	75	43 - 136	1	40
PCB-1260	ND		1390	985		ug/Kg	☼	71	55 - 128	1	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*72*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*77*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*68*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-551846/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552135 — **Prep Batch: 551846**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.3	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Antimony	ND		2.0	0.36	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Arsenic	ND		1.5	0.32	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Barium	ND		20	0.36	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Beryllium	ND		0.50	0.054	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Cadmium	ND		0.50	0.048	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Calcium	ND		500	36	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Chromium	ND		1.0	0.34	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Cobalt	ND		1.0	0.20	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Copper	ND		2.5	0.24	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Iron	ND		20	6.9	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Lead	ND		1.0	0.28	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Magnesium	ND		500	46	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Manganese	ND		1.5	1.1	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Nickel	ND		4.0	0.23	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Potassium	ND		500	79	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Selenium	ND		2.0	0.47	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Silver	ND		1.0	0.081	mg/Kg		11/14/22 15:00	11/15/22 11:09	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-551846/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552135 **Prep Batch: 551846**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		500	63	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Thallium	ND		2.0	0.40	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Vanadium	ND		5.0	0.82	mg/Kg		11/14/22 15:00	11/15/22 11:09	1
Zinc	ND		5.0	1.4	mg/Kg		11/14/22 15:00	11/15/22 11:09	1

Lab Sample ID: LCS 240-551846/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552135 **Prep Batch: 551846**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	1000	917		mg/Kg		92	80 - 120
Antimony	100	99.9		mg/Kg		100	80 - 120
Arsenic	200	191		mg/Kg		95	80 - 120
Barium	200	176		mg/Kg		88	80 - 120
Beryllium	100	95.6		mg/Kg		96	80 - 120
Cadmium	100	96.2		mg/Kg		96	80 - 120
Calcium	5000	4590		mg/Kg		92	80 - 120
Chromium	100	93.5		mg/Kg		94	80 - 120
Cobalt	100	94.1		mg/Kg		94	80 - 120
Copper	100	91.3		mg/Kg		91	80 - 120
Iron	1000	914		mg/Kg		91	80 - 120
Lead	100	90.8		mg/Kg		91	80 - 120
Magnesium	5000	4580		mg/Kg		92	80 - 120
Manganese	100	91.5		mg/Kg		91	80 - 120
Nickel	100	94.8		mg/Kg		95	80 - 120
Potassium	5000	4580		mg/Kg		92	80 - 120
Selenium	200	189		mg/Kg		94	80 - 120
Silver	10.0	9.83		mg/Kg		98	80 - 120
Sodium	5000	4630		mg/Kg		93	80 - 120
Thallium	200	183		mg/Kg		92	80 - 120
Vanadium	100	94.2		mg/Kg		94	80 - 120
Zinc	100	95.7		mg/Kg		96	80 - 120

Lab Sample ID: 180-147752-19 MS **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552135 **Prep Batch: 551846**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7000		959	9330	4	mg/Kg	☼	242	75 - 125
Antimony	ND	F1	95.9	28.8	F1	mg/Kg	☼	30	75 - 125
Arsenic	5.0		192	156		mg/Kg	☼	79	75 - 125
Barium	68	F1	192	208	F1	mg/Kg	☼	73	75 - 125
Beryllium	0.30	J	95.9	77.1		mg/Kg	☼	80	75 - 125
Cadmium	0.12	J	95.9	77.5		mg/Kg	☼	81	75 - 125
Calcium	8500	F1	4790	11600	F1	mg/Kg	☼	66	75 - 125
Chromium	8.4		95.9	84.7		mg/Kg	☼	80	75 - 125
Cobalt	5.3		95.9	94.8		mg/Kg	☼	93	75 - 125
Copper	17		95.9	92.4		mg/Kg	☼	79	75 - 125
Iron	13000		959	14200	4	mg/Kg	☼	152	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-147752-19 MS **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552135 **Prep Batch: 551846**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	30	F1	95.9	95.5	F1	mg/Kg	☼	68	75 - 125
Magnesium	2600		4790	6810		mg/Kg	☼	88	75 - 125
Manganese	410		95.9	464	4	mg/Kg	☼	60	75 - 125
Nickel	13		95.9	104		mg/Kg	☼	96	75 - 125
Potassium	390	J	4790	4190		mg/Kg	☼	79	75 - 125
Selenium	ND		192	149		mg/Kg	☼	78	75 - 125
Silver	ND		9.59	8.06		mg/Kg	☼	84	75 - 125
Sodium	75	J	4790	3770		mg/Kg	☼	77	75 - 125
Thallium	ND		192	167		mg/Kg	☼	87	75 - 125
Vanadium	11		95.9	87.0		mg/Kg	☼	79	75 - 125
Zinc	64		95.9	170		mg/Kg	☼	110	75 - 125

Lab Sample ID: 180-147752-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552135 **Prep Batch: 551846**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	7000		959	9490	4	mg/Kg	☼	259	75 - 125	2	20
Antimony	ND	F1	95.9	31.5	F1	mg/Kg	☼	33	75 - 125	9	20
Arsenic	5.0		192	156		mg/Kg	☼	79	75 - 125	0	20
Barium	68	F1	192	209	F1	mg/Kg	☼	74	75 - 125	1	20
Beryllium	0.30	J	95.9	76.4		mg/Kg	☼	79	75 - 125	1	20
Cadmium	0.12	J	95.9	77.9		mg/Kg	☼	81	75 - 125	0	20
Calcium	8500	F1	4790	11400	F1	mg/Kg	☼	61	75 - 125	2	20
Chromium	8.4		95.9	84.6		mg/Kg	☼	79	75 - 125	0	20
Cobalt	5.3		95.9	95.2		mg/Kg	☼	94	75 - 125	0	20
Copper	17		95.9	92.4		mg/Kg	☼	79	75 - 125	0	20
Iron	13000		959	13900	4	mg/Kg	☼	122	75 - 125	2	20
Lead	30	F1	95.9	97.6	F1	mg/Kg	☼	70	75 - 125	2	20
Magnesium	2600		4790	6670		mg/Kg	☼	85	75 - 125	2	20
Manganese	410		95.9	490	4	mg/Kg	☼	87	75 - 125	5	20
Nickel	13		95.9	104		mg/Kg	☼	96	75 - 125	0	20
Potassium	390	J	4790	4210		mg/Kg	☼	80	75 - 125	0	20
Selenium	ND		192	149		mg/Kg	☼	78	75 - 125	0	20
Silver	ND		9.59	8.16		mg/Kg	☼	85	75 - 125	1	20
Sodium	75	J	4790	3810		mg/Kg	☼	78	75 - 125	1	20
Thallium	ND		192	167		mg/Kg	☼	87	75 - 125	0	20
Vanadium	11		95.9	86.8		mg/Kg	☼	79	75 - 125	0	20
Zinc	64		95.9	171		mg/Kg	☼	111	75 - 125	0	20

Lab Sample ID: MB 240-551863/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552132 **Prep Batch: 551863**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.3	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Antimony	ND		2.0	0.36	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Arsenic	ND		1.5	0.32	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Barium	ND		20	0.36	mg/Kg		11/14/22 15:00	11/15/22 09:53	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-551863/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552132 **Prep Batch: 551863**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.50	0.054	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Cadmium	ND		0.50	0.048	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Calcium	ND		500	36	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Chromium	ND		1.0	0.34	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Cobalt	ND		1.0	0.20	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Copper	ND		2.5	0.24	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Iron	ND		20	6.9	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Lead	ND		1.0	0.28	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Magnesium	ND		500	46	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Manganese	ND		1.5	1.1	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Nickel	ND		4.0	0.23	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Potassium	ND		500	79	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Selenium	ND		2.0	0.47	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Silver	ND		1.0	0.081	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Sodium	ND		500	63	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Thallium	ND		2.0	0.40	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Vanadium	ND		5.0	0.82	mg/Kg		11/14/22 15:00	11/15/22 09:53	1
Zinc	ND		5.0	1.4	mg/Kg		11/14/22 15:00	11/15/22 09:53	1

Lab Sample ID: LCS 240-551863/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552132 **Prep Batch: 551863**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	1000	950		mg/Kg		95	80 - 120
Antimony	100	102		mg/Kg		102	80 - 120
Arsenic	200	197		mg/Kg		98	80 - 120
Barium	200	182		mg/Kg		91	80 - 120
Beryllium	100	97.3		mg/Kg		97	80 - 120
Cadmium	100	96.2		mg/Kg		96	80 - 120
Calcium	5000	4720		mg/Kg		94	80 - 120
Chromium	100	93.7		mg/Kg		94	80 - 120
Cobalt	100	97.3		mg/Kg		97	80 - 120
Copper	100	92.4		mg/Kg		92	80 - 120
Iron	1000	949		mg/Kg		95	80 - 120
Lead	100	91.5		mg/Kg		92	80 - 120
Magnesium	5000	4670		mg/Kg		93	80 - 120
Manganese	100	92.4		mg/Kg		92	80 - 120
Nickel	100	98.5		mg/Kg		98	80 - 120
Potassium	5000	4700		mg/Kg		94	80 - 120
Selenium	200	198		mg/Kg		99	80 - 120
Silver	10.0	9.80		mg/Kg		98	80 - 120
Sodium	5000	4780		mg/Kg		96	80 - 120
Thallium	200	193		mg/Kg		97	80 - 120
Vanadium	100	95.9		mg/Kg		96	80 - 120
Zinc	100	99.2		mg/Kg		99	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-551848/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552195 — **Prep Batch: 551848**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		11/14/22 15:00	11/15/22 13:38	1

Lab Sample ID: LCS 240-551848/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552195 — **Prep Batch: 551848**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.837		mg/Kg		100	80 - 120

Lab Sample ID: 180-147752-19 MS — **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552195 — **Prep Batch: 551848**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.055	J	0.171	0.259		mg/Kg	☼	119	80 - 120

Lab Sample ID: 180-147752-19 MSD — **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552195 — **Prep Batch: 551848**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.055	J	0.171	0.232		mg/Kg	☼	104	80 - 120	11	20

Lab Sample ID: MB 240-551864/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552195 — **Prep Batch: 551864**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		11/14/22 15:00	11/15/22 14:38	1

Lab Sample ID: LCS 240-551864/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552195 — **Prep Batch: 551864**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.831		mg/Kg		100	80 - 120

Method: Moisture - Percent Moisture

Lab Sample ID: 180-147752-19 DU — **Client Sample ID: SSHS-IRM5A2-SCV72-1-2**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 877452

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	4.3		7.0	F3	%		47	20
Percent Solids	95.7		93.0		%		3	20

QC Association Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-1
Project/Site: Former Sperry Remington-Soil Cover Verification

GC/MS VOA

Prep Batch: 877522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	5035	
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	5035	
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	5035	
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	5035	
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	5035	
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	5035	
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	5035	
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	5035	
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	5035	
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	5035	
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	5035	
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	5035	
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	5035	
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	5035	
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	5035	
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	5035	
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	5035	
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	5035	
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	5035	
180-147752-19 MS	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	5035	
180-147752-19 MSD	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	5035	

Analysis Batch: 878277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	8260D	877522
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	8260D	877522
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	8260D	877522
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	8260D	877522
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	8260D	877522
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	8260D	877522
MB 460-878277/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-878277/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-878277/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 879129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	8260D	877522
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	8260D	877522
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	8260D	877522
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	8260D	877522
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	8260D	877522
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	8260D	877522
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	8260D	877522
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	8260D	877522
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	8260D	877522
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	8260D	877522
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	8260D	877522
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	8260D	877522
MB 460-879129/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-879129/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-879129/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS VOA (Continued)

Analysis Batch: 879129 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-19 MS	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	8260D	877522
180-147752-19 MSD	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	8260D	877522

Analysis Batch: 879239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	8260D	877522
MB 460-879239/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-879239/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-879239/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 878071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	3546	
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	3546	
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	3546	
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	3546	
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	3546	
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	3546	
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	3546	
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	3546	
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	3546	
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	3546	
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	3546	
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	3546	
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	3546	
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	3546	
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	3546	
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	3546	
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	3546	
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	3546	
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3546	
MB 460-878071/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-878071/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-878071/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
180-147752-19 MS	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3546	
180-147752-19 MSD	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3546	

Analysis Batch: 878224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	8270E	878071
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	8270E	878071
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	8270E	878071
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	8270E	878071
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	8270E	878071
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	8270E	878071
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	8270E	878071
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	8270E	878071
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	8270E	878071
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	8270E	878071

GC/MS Semi VOA (Continued)

Analysis Batch: 878224 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	8270E	878071
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	8270E	878071
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	8270E	878071
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	8270E	878071
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	8270E	878071
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	8270E	878071
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	8270E	878071
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	8270E	878071
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	8270E	878071
MB 460-878071/1-A	Method Blank	Total/NA	Solid	8270E	878071
LCS 460-878071/2-A	Lab Control Sample	Total/NA	Solid	8270E	878071
LCSD 460-878071/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	878071
180-147752-19 MS	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	8270E	878071
180-147752-19 MSD	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	8270E	878071

GC Semi VOA

Prep Batch: 418113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	3541	
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	3541	
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	3541	
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	3541	
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	3541	
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	3541	
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	3541	
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	3541	
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	3541	
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	3541	
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	3541	
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	3541	
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	3541	
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	3541	
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	3541	
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	3541	
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	3541	
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	3541	
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3541	
MB 180-418113/1-C	Method Blank	Total/NA	Solid	3541	
LCS 180-418113/2-C	Lab Control Sample	Total/NA	Solid	3541	
180-147752-19 MS	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3541	
180-147752-19 MSD	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3541	

Cleanup Batch: 418711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	3665A	418113
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	3665A	418113
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	3665A	418113
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	3665A	418113
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	3665A	418113
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	3665A	418113

GC Semi VOA (Continued)

Cleanup Batch: 418711 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	3665A	418113
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	3665A	418113
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	3665A	418113
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	3665A	418113
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	3665A	418113
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	3665A	418113
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	3665A	418113
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	3665A	418113
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	3665A	418113
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	3665A	418113
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	3665A	418113
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	3665A	418113
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3665A	418113
MB 180-418113/1-C	Method Blank	Total/NA	Solid	3665A	418113
LCS 180-418113/2-C	Lab Control Sample	Total/NA	Solid	3665A	418113
180-147752-19 MS	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3665A	418113
180-147752-19 MSD	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3665A	418113

Cleanup Batch: 418712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	3660B	418711
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	3660B	418711
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	3660B	418711
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	3660B	418711
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	3660B	418711
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	3660B	418711
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	3660B	418711
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	3660B	418711
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	3660B	418711
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	3660B	418711
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	3660B	418711
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	3660B	418711
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	3660B	418711
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	3660B	418711
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	3660B	418711
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	3660B	418711
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	3660B	418711
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	3660B	418711
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3660B	418711
MB 180-418113/1-C	Method Blank	Total/NA	Solid	3660B	418711
LCS 180-418113/2-C	Lab Control Sample	Total/NA	Solid	3660B	418711
180-147752-19 MS	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3660B	418711
180-147752-19 MSD	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3660B	418711

Analysis Batch: 419019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	EPA 8082A	418712
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	EPA 8082A	418712
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	EPA 8082A	418712
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	EPA 8082A	418712
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	EPA 8082A	418712

GC Semi VOA (Continued)

Analysis Batch: 419019 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	EPA 8082A	418712
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	EPA 8082A	418712
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	EPA 8082A	418712
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	EPA 8082A	418712
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	EPA 8082A	418712
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	EPA 8082A	418712
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	EPA 8082A	418712
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	EPA 8082A	418712
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	EPA 8082A	418712
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	EPA 8082A	418712
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	EPA 8082A	418712
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	EPA 8082A	418712
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	EPA 8082A	418712
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	EPA 8082A	418712
MB 180-418113/1-C	Method Blank	Total/NA	Solid	EPA 8082A	418712
LCS 180-418113/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	418712
180-147752-19 MS	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	EPA 8082A	418712
180-147752-19 MSD	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	EPA 8082A	418712

Metals

Prep Batch: 551846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	3050B	
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	3050B	
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	3050B	
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	3050B	
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	3050B	
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	3050B	
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	3050B	
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	3050B	
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	3050B	
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	3050B	
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	3050B	
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	3050B	
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	3050B	
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	3050B	
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	3050B	
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	3050B	
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	3050B	
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3050B	
MB 240-551846/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-551846/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-147752-19 MS	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3050B	
180-147752-19 MSD	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	3050B	

Prep Batch: 551848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	7471B	
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	7471B	
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 551848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	7471B	
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	7471B	
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	7471B	
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	7471B	
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	7471B	
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	7471B	
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	7471B	
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	7471B	
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	7471B	
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	7471B	
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	7471B	
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	7471B	
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	7471B	
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	7471B	
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	7471B	
MB 240-551848/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-551848/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-147752-19 MS	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	7471B	
180-147752-19 MSD	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	7471B	

Prep Batch: 551863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	3050B	
MB 240-551863/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-551863/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 551864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	7471B	
MB 240-551864/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-551864/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 552132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	6010D	551863
MB 240-551863/1-A	Method Blank	Total/NA	Solid	6010D	551863
LCS 240-551863/2-A	Lab Control Sample	Total/NA	Solid	6010D	551863

Analysis Batch: 552135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	6010D	551846
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	6010D	551846
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	6010D	551846
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	6010D	551846
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	6010D	551846
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	6010D	551846
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	6010D	551846
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	6010D	551846
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	6010D	551846
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	6010D	551846
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	6010D	551846

Metals (Continued)

Analysis Batch: 552135 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	6010D	551846
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	6010D	551846
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	6010D	551846
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	6010D	551846
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	6010D	551846
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	6010D	551846
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	6010D	551846
MB 240-551846/1-A	Method Blank	Total/NA	Solid	6010D	551846
LCS 240-551846/2-A	Lab Control Sample	Total/NA	Solid	6010D	551846
180-147752-19 MS	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	6010D	551846
180-147752-19 MSD	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	6010D	551846

Analysis Batch: 552195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	7471B	551848
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	7471B	551848
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	7471B	551848
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	7471B	551848
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	7471B	551848
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	7471B	551848
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	7471B	551848
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	7471B	551848
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	7471B	551848
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	7471B	551848
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	7471B	551848
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	7471B	551848
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	7471B	551848
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	7471B	551848
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	7471B	551848
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	7471B	551848
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	7471B	551848
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	7471B	551864
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	7471B	551848
MB 240-551848/1-A	Method Blank	Total/NA	Solid	7471B	551848
MB 240-551864/1-A	Method Blank	Total/NA	Solid	7471B	551864
LCS 240-551848/2-A	Lab Control Sample	Total/NA	Solid	7471B	551848
LCS 240-551864/2-A	Lab Control Sample	Total/NA	Solid	7471B	551864
180-147752-19 MS	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	7471B	551848
180-147752-19 MSD	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	7471B	551848

General Chemistry

Analysis Batch: 877452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Total/NA	Solid	Moisture	
180-147752-2	SSHS-IRM5A2-SCV67-1-2	Total/NA	Solid	Moisture	
180-147752-3	SSHS-IRM5A2-SCV68-0-0.17	Total/NA	Solid	Moisture	
180-147752-4	SSHS-IRM5A2-SCV68-0.17-1	Total/NA	Solid	Moisture	
180-147752-5	SSHS-IRM5A2-SCV68-1-2	Total/NA	Solid	Moisture	
180-147752-6	SSHS-IRM5A2-SCV-DUP2	Total/NA	Solid	Moisture	
180-147752-7	SSHS-IRM5A2-SCV69-0-0.17	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 877452 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-8	SSHS-IRM5A2-SCV69-0.17-1	Total/NA	Solid	Moisture	
180-147752-9	SSHS-IRM5A2-SCV69-1-2	Total/NA	Solid	Moisture	
180-147752-10	SSHS-IRM5A2-SCV70-0-0.17	Total/NA	Solid	Moisture	
180-147752-11	SSHS-IRM5A2-SCV70-0.17-1	Total/NA	Solid	Moisture	
180-147752-12	SSHS-IRM5A2-SCV70-1-2	Total/NA	Solid	Moisture	
180-147752-13	SSHS-IRM5A2-SCV71-0-0.17	Total/NA	Solid	Moisture	
180-147752-14	SSHS-IRM5A2-SCV71-0.17-1	Total/NA	Solid	Moisture	
180-147752-15	SSHS-IRM5A2-SCV71-1-2	Total/NA	Solid	Moisture	
180-147752-16	SSHS-IRM5A2-SCV-DUP3	Total/NA	Solid	Moisture	
180-147752-17	SSHS-IRM5A2-SCV72-0-0.17	Total/NA	Solid	Moisture	
180-147752-18	SSHS-IRM5A2-SCV72-0.17-1	Total/NA	Solid	Moisture	
180-147752-19	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	Moisture	
180-147752-19 DU	SSHS-IRM5A2-SCV72-1-2	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins

Client Information	Sampler	Lab PM	Carrier Tracking No(s).	COC No
	C Lamas	Dunlap, David A		180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:
City: Columbia	TAT Requested (days): Standard
State, Zip: MD, 21044	PO #: MN0832I
Phone: 40-381-4333	WO #:
Email: akrasnopoler@geosyntec.com	Project #: 18013464
Project Name: Former Sperry Remington Site	SSOW#:
Site:	

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV67-0.17-1	11/8/22	1505	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV67-1-2	11/8/22	1510	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-0-0.17	11/8/22	1515	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-0.17-1	11/8/22	1520	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-1-2	11/8/22	1525	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP2	11/8/22	--	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV69-0-0.17	11/8/22	1530	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV69-0.17-1	11/8/22	1535	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV69-1-2	11/8/22	1540	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-0-0.17	11/8/22	1545	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-0.17-1	11/8/22	1550	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-1-2	11/8/22	1555	G	S	N	N	X	X	X	X	X	X							9	

collection date for all samples is 11/10/22 as per Colin Lamas
D. Dunlap 11/11/22

180-147752 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 11/10/22/1800	Company: Geosyntec	Received by:	Date/Time: 11/11/22 0900	Company: E P.tt
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Page 138 of 150

12/6/2022

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV71-0-0.17	11/8/22	1600	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV71-0.17-1	11/8/22	1605	G	S	N	Y	X	X	X	X			7	
SSHS-IRM5A2-SCV71-1-2	11/8/22	1610	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP3	11/8/22	–	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-0-0.17	11/8/22	1615	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV72-0.17-1	11/8/22	1620	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-1-2	11/8/22	1625	G	S	N	Y	X	X	X	X			18	
	~~11/8/22~~													
	~~11/8/22~~													
	~~11/8/22~~													
	~~11/8/22~~													
	~~11/8/22~~													

collection date for all samples is 11/10/22 as per Colin Lamas
D. Dunlap 11/11/22

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: —	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Miranda Kline	11/10/22 1800	Geosyntec		11/11/22 0900	E.P.H.
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

0.2/0.9

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:
City: Columbia	TAT Requested (days): Standard
State, Zip: MD, 21044	PO #: MN0832I
Phone: 40-381-4333	WO #:
Email: akrasnopoler@geosyntec.com	Project #: 18013464
Project Name: Former Sperry Remington Site	SSOW#:
Site:	

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV67-0.17-1	11/8/22	1505	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV67-1-2	11/8/22	1510	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-0-0.17	11/8/22	1515	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-0.17-1	11/8/22	1520	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-1-2	11/8/22	1525	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP2	11/8/22	--	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV69-0-0.17	11/8/22	1530	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV69-0.17-1	11/8/22	1535	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV69-1-2	11/8/22	1540	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-0-0.17	11/8/22	1545	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-0.17-1	11/8/22	1550	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-1-2	11/8/22	1555	G	S	N	N	X	X	X	X	X	X							9	

180-147752 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
1		11/10/22/1800	Geosyntec		11-11-22 10:25	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

12/6/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044	PO #: MN08321			
Phone: 40-381-4333	WO #:			
Email: akrasnopoler@geosyntec.com	Project #: 18013464			
Project Name: Former Sperry Remington Site	SSOW#:			
Site:				

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV71-0-0.17	11/8/22	1600	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV71-0.17-1	11/8/22	1605	G	S	N	Y	X	X	X	X			7	
SSHS-IRM5A2-SCV71-1-2	11/8/22	1610	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP3	11/8/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-0-0.17	11/8/22	1615	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV72-0.17-1	11/8/22	1620	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-1-2	11/8/22	1625	G	S	N	Y	X	X	X	X			18	
	11/8/22													
	11/8/22													
	11/8/22													
	11/8/22													
	11/8/22													

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Relinquished by:	Date/Time: 11/10/22/1800	Company: Geosyntec	Received by:	Date/Time:	Company
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

12/6/2022

Eurofins - Canton Sample Receipt Form/Narrative Login # :_____
Barberton Facility

Client Geosyntec Site Name_____ Cooler unpacked by: Charlie

Cooler Received on 11-11-22 Opened on 11-11-22

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time Storage Location

Eurofins Cooler # 11 Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. 0.2 °C Corrected Cooler Temp. 0.9 °C
   IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp._____ °C Corrected Cooler Temp._____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes	No	
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No	NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No	
-Were tamper/custody seals intact and uncompromised?	Yes	No	NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No	
4. Did custody papers accompany the sample(s)?	Yes	No	
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No	
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No	
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No	
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?			
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No	
11. Sufficient quantity received to perform indicated analyses?	Yes	No	
12. Are these work share samples and all listed on the COC?	Yes	No	
If yes, Questions 13-17 have been checked at the originating laboratory.			
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No	NA pH Strip Lot# HC28679
14. Were VOAs on the COC?	Yes	No	
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes	No	NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	No	
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	No	

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____
_____
_____
_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

180-147752 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
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K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV67-0.17-1	11/8/22	1505	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV67-1-2	11/8/22	1510	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-0-0.17	11/8/22	1515	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-0.17-1	11/8/22	1520	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-1-2	11/8/22	1525	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP2	11/8/22	--	G	S	N	N	X	X	X	X			7	
(7) SSHS-IRM5A2-SCV69-0-0.17	11/8/22	1530	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV69-0.17-1	11/8/22	1535	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV69-1-2	11/8/22	1540	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV70-0-0.17	11/8/22	1545	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV70-0.17-1	11/8/22	1550	G	S	N	N	X	X	X	X			7	
(12) SSHS-IRM5A2-SCV70-1-2	11/8/22	1555	G	S	N	N	X	X	X	X	X	X	9	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Miranda Schmidt	11/10/22/1800	Company: Geosyntec	Austin Marker	11-11-22 9:30am	EETSAC
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: 190884 | Cooler Temperature(s) °C and Other Remarks: 2.8

(7) time 1505 Client sub. Lab time 1530 SU-mm

(12) ID: SSHS-IRM5A2-FL-SCV70-1-2 SU-mm

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

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Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV71-0-0.17	11/8/22	1600	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV71-0.17-1	11/8/22	1605	G	S	N	Y	X	X	X	X			7	
SSHS-IRM5A2-SCV71-1-2	11/8/22	1610	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP3	11/8/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-0-0.17	11/8/22	1615	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV72-0.17-1	11/8/22	1620	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-1-2	11/8/22	1625	G	S	N	Y	X	X	X	X			18	
	~~11/8/22~~													
	11/8/22													
	~~11/8/22~~													
	11/8/22													
	~~11/8/22~~													

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Mauricio Lamas	11/10/22/1800	Company: Geosyntec	Austin Marler	11-11-22 9:30am	EETSAC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seal No.: 1903884 (Yes)

Cooler Temperature(s) °C and Other Remarks: 2.8

(7) ID: SSHS-IRM5A2-SCV72-0-0.17

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12/6/2022

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044	PO #: MN0832I			
Phone: 40-381-4333	WO #:			
Email: akrasnopoler@geosyntec.com	Project #: 18013464			
Project Name: Former Sperry Remington Site	SSOW#:			
Site:				

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV67-0.17-1	11/8/22	1505	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV67-1-2	11/8/22	1510	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV68-0-0.17	11/8/22	1515	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV68-0.17-1	11/8/22	1520	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV68-1-2	11/8/22	1525	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP2	11/8/22	--	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV69-0-0.17	11/8/22	1530	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV69-0.17-1	11/8/22	1535	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV69-1-2	11/8/22	1540	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV70-0-0.17	11/8/22	1545	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV70-0.17-1	11/8/22	1550	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV70-1-2	11/8/22	1555	G	S	N	N	X	X	X	X	X	X								9	

180-147752 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Miranda Allen	11/10/22/1800	Geosyntec	FedEx	11/11/22 1030	TSTA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
	1976476 1903881 1903876	5.4°C 5.4°C 3.0°C 3.0°C 5.7°C 5.7°C
	1976478 1903877	3.4°C 3.4°C 5.4°C 5.4°C

Ver: 01/16/2019

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12/6/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

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Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV71-0-0.17	11/8/22	1600	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV71-0.17-1	11/8/22	1605	G	S	N	Y	X	X	X	X									7	
SSHS-IRM5A2-SCV71-1-2	11/8/22	1610	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP3	11/8/22	--	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV72-0-0.17	11/8/22	1615	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV72-0.17-1	11/8/22	1620	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV72-1-2	11/8/22	1625	G	S	N	Y	X	X	X	X									18	
	11/8/22																			
	11/8/22																			
	11/8/22																			
	11/8/22																			
	11/8/22																			

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	11/10/22 1800	Geosyntec		11/11/22 1030	BTA
Relinquished by:					
Relinquished by:					

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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12/6/2022

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 180-147752

Number of Coolers: 5 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	5.4 °C	5.4 °C	Cooler #4:	3.4 °C	3.4 °C	Cooler #7:	°C	°C
Cooler #2:	3.0 °C	3.0 °C	Cooler #5:	5.4 °C	5.4 °C	Cooler #8:	°C	°C
Cooler #3:	5.7 °C	5.7 °C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: JP Date: 11/11/22

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Sacramento Sample Receiving Notes

180-147752 Field Sheet

Job:

Tracking # : 7703 9779 2809

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: C-09 Corr. Factor: (+ / -) +1 °C

Ice ✓ Wet ✓ Gel ____ Other ____

Cooler Custody Seal: 1903464

Cooler ID: —

Temp Observed: 2.7 °C Corrected: 2.7 2.8 °C

From: Temp Blank ☐ Sample ☒ SO 11-11-22

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☒	☐
Cooler Temperature is acceptable?	☒	☐	☐
Frozen samples show signs of thaw?	☐	☐	☒

Initials: AJM Date: 11-11-22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☒	☐	☐
Samples compromised/tampered with?	☐	☒	☐
Containers are not broken or leaking?	☒	☐	☐
Sample custody seal?	☐	☐	☒
Sample containers have legible labels?	☒	☐	☐
Sample date/times are provided?	☒	☐	☐
Appropriate containers are used?	☒	☐	☐
Sample bottles are completely filled?	☒ SO 11-12-22	☐	☒
Sample preservatives verified?	☐	☐	☒
Is the Field Sampler's name on COC?	☒	☐	☐
Samples require splitting/compositing?	☐	☐	☒
Samples w/o discrepancies?	☐	☒	☐
Zero headspace?*	☐	☐	☒
Alkalinity has no headspace?	☐	☐	☒
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☒
Multiphasic samples are not present?	☒	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SO Date: 11-12-22

Notes:

Trizma Lot #(s):

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☒	☐	☐
Samples received within hold time?	☒	☐	☐
NCM Filed?	☒	☐	☐
Log Release checked in TALS?	☐	☐	☒

Initials: SO Date: 11-12-22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147752-1

Login Number: 147752
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147752-1

Login Number: 147752
List Number: 3
Creator: Sgro, Angela M

List Source: Eurofins Edison
List Creation: 11/11/22 05:24 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	1976476/478 1903881/877/876
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	5.4/5.4; 3.0/3.0; 5.7/5.7; 3.4/3.4; 5.4/5.4
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

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JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-147956-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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12/7/2022 2:26:54 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-147956-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-147956-1

Receipt
The samples were received on 11/16/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 0.9º C, 0.9º C, 1.4º C, 3.6º C, 3.6º C, 3.7º C and 4.2º C.

GC/MS VOA
Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV17-0.5-1 (180-147956-8) had several recoveries and RPDs between the spikes outside of the control limits.

Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV11-0-0.5 (180-147956-19) had several recoveries and the RPD between the spikes for 1,2-Dichlorobenzene outside of the control limits.

Method 8260D: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for analytical batch 460-879056 recovered slightly below the control limits for the following analytes: Bromoform, Chlorodibromomethane, and/or trans-1,3-Dichloropropene. As these analytes were biased low in the LCS/LCSD and were not detected in the associated samples, the results were reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-879056 was below criteria for the following analyte: Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-879171 was below criteria for the following analyte: Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270E: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for preparation batch 460-878607 recovered above the control limits for the following analyte: Di-n-octyl phthalate. As this analyte was biased high in the LCS/LCSD and was not detected in the associated samples, the results were reported.

Method 8270E: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV17-0.5-1 (180-147956-8) had several recoveries and all RPDs between the spikes outside of the control limits. The recoveries of the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) were within the control limits.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878657 was below criteria for the following analyte: Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878657 was above criteria for the following analytes: Caprolactam, 3,3'-Dichlorobenzidine, Indeno[1,2,3-cd]pyrene, 2,2'-oxybis[1-chloropropane], and Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878694 was below criteria for the following analytes: Benzaldehyde and Hexachlorobenzene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-878694 was above criteria for the following analytes: Caprolactam, Benzo[k]fluoranthene, and Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Job ID: 180-147956-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8082A: Samples SSHS-IRM5A2-SCV18-0-0.5 (180-147956-6) and SSHS-IRM5A2-SCV12-0.5-1 (180-147956-18) had the recoveries of surrogate decachlorobiphenyl belowabove the control limits on both columns. The recoveries of tetrachloro-m-xylene were within the control limits.

Method 8082A: Sample SSHS-IRM5A2-SCV11-0-0.5 (180-147956-19) had the recovery of surrogates decachlorobiphenyl below the control limits on both columns and tetrachloro-m-xylene slightly below the control limits on column RTX-CLP2. The recovery of tetrachloro-m-xylene was within the control limits on column RTX-CLP1.

Method 8082A: The continuing calibration verifications (CCV) analyzed in batch 180-419183 (CCVIS 180-419183/26 and CCVIS 180-419183/47) were above criteria for aroclor 1016 on both columns. As the CCVs were high and aroclor 1016 was not detected in the associated samples, the results were reported.

Method 8082A: The continuing calibration verifications (CCV) analyzed in batch 180-419183 (CCVIS 180-419183/26 and CCVIS 180-419183/47) were above criteria for aroclor 1260 on column RTX-CLP1. Associated positive sample results for aroclor 1260 were reported from column RTX-CLP2 which met criteria.

Method 8082A: The continuing calibration verifications (CCV) analyzed in batch 180-419183 (CCVIS 180-419183/26 and CCVIS 180-419183/47) were above criteria for surrogates decachlorobiphenyl and/or tetrachloro-m-xylene on both columns.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV17-0.5-1 (180-147956-8) had the recoveries of antimony and/or lead below the control limits. The RPDs between the spikes and the recoveries of the laboratory control sample were within the control limits.

Method 6010D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV11-0-0.5 (180-147956-19) had several recoveries and RPDs between the spikes outside of the control limits. The recoveries of the laboratory control sample were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	11-30-22

Laboratory: Eurofins Canton

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	04-01-23

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Sample Summary

Client: Geosyntec Consultants, Inc.
Project/Site: Former Sperry Remington-Soil Cover Verification

Job ID: 180-147956-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Solid	11/15/22 13:05	11/16/22 09:00
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Solid	11/15/22 13:10	11/16/22 09:00
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Solid	11/15/22 13:15	11/16/22 09:00
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Solid	11/15/22 13:20	11/16/22 09:00
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Solid	11/15/22 00:00	11/16/22 09:00
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Solid	11/15/22 13:25	11/16/22 09:00
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Solid	11/15/22 13:30	11/16/22 09:00
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Solid	11/15/22 13:35	11/16/22 09:00
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Solid	11/15/22 13:40	11/16/22 09:00
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Solid	11/15/22 13:45	11/16/22 09:00
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Solid	11/15/22 13:50	11/16/22 09:00
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Solid	11/15/22 13:55	11/16/22 09:00
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Solid	11/15/22 14:00	11/16/22 09:00
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Solid	11/15/22 14:05	11/16/22 09:00
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Solid	11/15/22 14:10	11/16/22 09:00
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Solid	11/15/22 00:00	11/16/22 09:00
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Solid	11/15/22 14:15	11/16/22 09:00
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Solid	11/15/22 14:20	11/16/22 09:00
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Solid	11/15/22 14:25	11/16/22 09:00
180-147956-20	BLANK TERRACORE 1 LOT 0110901H	Solid	11/15/22 00:00	11/16/22 09:00

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
6010D	Metals (ICP)	SW846	EET CAN
7471B	Mercury (CVAA)	SW846	EET CAN
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET CAN
3541	Automated Soxhlet Extraction	SW846	EET PIT
3546	Microwave Extraction	SW846	EET EDI
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV21-0.5-1 — Lab Sample ID: 180-147956-1

Date Collected: 11/15/22 13:05 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV21-0.5-1 — Lab Sample ID: 180-147956-1

Date Collected: 11/15/22 13:05 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.6 g	5 mL	878537	11/17/22 16:32	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/20/22 20:01	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.03 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 16:00	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.4 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 20:18	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.10 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 16:20	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.60 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:49	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV20-0-0.5 — Lab Sample ID: 180-147956-2

Date Collected: 11/15/22 13:10 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV20-0-0.5 — Lab Sample ID: 180-147956-2

Date Collected: 11/15/22 13:10 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.484 g	5 mL	878537	11/17/22 16:32	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/20/22 20:23	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.05 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 14:05	DXD	EET EDI
	Instrument ID: CBNAMS11									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV20-0-0.5 — Lab Sample ID: 180-147956-2

Date Collected: 11/15/22 13:10 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 20:37	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.11 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 16:24	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.66 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:52	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV20-0.5-1 — Lab Sample ID: 180-147956-3

Date Collected: 11/15/22 13:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV20-0.5-1 — Lab Sample ID: 180-147956-3

Date Collected: 11/15/22 13:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.738 g	5 mL	878537	11/17/22 16:33	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/20/22 20:46	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.03 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 14:28	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.3 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 20:56	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.26 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 16:29	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.58 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:54	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV19-0.5-1 — Lab Sample ID: 180-147956-4

Date Collected: 11/15/22 13:20 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV19-0.5-1 — Lab Sample ID: 180-147956-4

Date Collected: 11/15/22 13:20 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.79 g	5 mL	878537	11/17/22 16:33	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/20/22 21:08	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.02 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 13:20	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.2 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 21:15	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.21 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 16:37	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.68 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:56	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV-DUP6 — Lab Sample ID: 180-147956-5

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP6 — Lab Sample ID: 180-147956-5

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 92.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.648 g	5 mL	878537	11/17/22 16:34	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/20/22 21:30	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.06 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 12:34	DXD	EET EDI
	Instrument ID: CBNAMS11									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV-DUP6 — Lab Sample ID: 180-147956-5

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 92.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.5 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 22:12	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.01 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 16:41	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.62 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:58	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV18-0-0.5 — Lab Sample ID: 180-147956-6

Date Collected: 11/15/22 13:25 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV18-0-0.5 — Lab Sample ID: 180-147956-6

Date Collected: 11/15/22 13:25 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 89.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.048 g	5 mL	878537	11/17/22 16:34	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/20/22 21:53	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.08 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 12:12	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.5 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 22:31	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.14 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 16:46	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.63 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 12:00	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV18-0.5-1 — Lab Sample ID: 180-147956-7

Date Collected: 11/15/22 13:30 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV18-0.5-1 — Lab Sample ID: 180-147956-7

Date Collected: 11/15/22 13:30 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 87.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.203 g	5 mL	878537	11/17/22 16:35	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/20/22 22:15	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.09 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 16:23	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.2 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 22:50	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.16 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 16:50	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.59 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 12:02	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1 — Lab Sample ID: 180-147956-8

Date Collected: 11/15/22 13:35 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1 — Lab Sample ID: 180-147956-8

Date Collected: 11/15/22 13:35 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 87.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.931 g	5 mL	878537	11/17/22 16:35	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/20/22 22:37	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.03 g	1 mL	878615	11/17/22 22:33	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL	1 mL	878657	11/18/22 09:36	DXD	EET EDI
	Instrument ID: CBNAMS5									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1 — Lab Sample ID: 180-147956-8

Date Collected: 11/15/22 13:35 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 87.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.2 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 18:25	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.18 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 15:31	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.63 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:31	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV16-0-0.5 — Lab Sample ID: 180-147956-9

Date Collected: 11/15/22 13:40 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV16-0-0.5 — Lab Sample ID: 180-147956-9

Date Collected: 11/15/22 13:40 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 88.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.773 g	5 mL	878537	11/17/22 16:37	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/20/22 22:59	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.09 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 16:45	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.5 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 23:09	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.16 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 17:02	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.65 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 12:04	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV16-0.5-1 — Lab Sample ID: 180-147956-10

Date Collected: 11/15/22 13:45 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV16-0.5-1 — Lab Sample ID: 180-147956-10

Date Collected: 11/15/22 13:45 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.58 g	5 mL	878537	11/17/22 16:37	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/20/22 23:22	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.01 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 11:49	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.0 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 23:28	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.14 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 17:07	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.63 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 12:06	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV15-0.5-1 — Lab Sample ID: 180-147956-11

Date Collected: 11/15/22 13:50 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV15-0.5-1 — Lab Sample ID: 180-147956-11

Date Collected: 11/15/22 13:50 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 93.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.709 g	5 mL	878537	11/17/22 16:38	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/20/22 23:45	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.02 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 17:08	DXD	EET EDI
	Instrument ID: CBNAMS11									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV15-0.5-1 — Lab Sample ID: 180-147956-11

Date Collected: 11/15/22 13:50 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 93.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 23:47	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.08 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 17:11	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.54 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 12:13	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV14-0-0.5 — Lab Sample ID: 180-147956-12

Date Collected: 11/15/22 13:55 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV14-0-0.5 — Lab Sample ID: 180-147956-12

Date Collected: 11/15/22 13:55 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.446 g	5 mL	878537	11/17/22 16:39	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/21/22 00:07	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.04 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 17:31	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.2 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 00:06	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.32 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 17:15	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.63 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 12:15	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV14-0.5-1 — Lab Sample ID: 180-147956-13

Date Collected: 11/15/22 14:00 **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV14-0.5-1 — Lab Sample ID: 180-147956-13

Date Collected: 11/15/22 14:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 86.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.473 g	5 mL	878537	11/17/22 16:39	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/21/22 00:30	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.08 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 15:37	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.1 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 00:25	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.24 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 17:19	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.62 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 12:17	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV13-0-0.5 — Lab Sample ID: 180-147956-14

Date Collected: 11/15/22 14:05 **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV13-0-0.5 — Lab Sample ID: 180-147956-14

Date Collected: 11/15/22 14:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.483 g	5 mL	878537	11/17/22 16:40	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/21/22 00:52	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.02 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 18:17	DXD	EET EDI
	Instrument ID: CBNAMS11									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV13-0-0.5 — Lab Sample ID: 180-147956-14

Date Collected: 11/15/22 14:05 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.5 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 00:44	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.07 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 17:24	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.59 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 12:19	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV13-0.5-1 — Lab Sample ID: 180-147956-15

Date Collected: 11/15/22 14:10 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV13-0.5-1 — Lab Sample ID: 180-147956-15

Date Collected: 11/15/22 14:10 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 88.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.509 g	5 mL	878537	11/17/22 16:40	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/21/22 01:14	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.05 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 12:57	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.1 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 01:03	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.25 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 17:28	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.54 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 12:21	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV-DUP7 — Lab Sample ID: 180-147956-16

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP7 — Lab Sample ID: 180-147956-16

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.584 g	5 mL	878537	11/17/22 16:41	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/21/22 01:36	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.05 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 13:43	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.5 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 01:22	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.05 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 17:32	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.63 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 12:23	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV12-0-0.5 — Lab Sample ID: 180-147956-17

Date Collected: 11/15/22 14:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV12-0-0.5 — Lab Sample ID: 180-147956-17

Date Collected: 11/15/22 14:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.854 g	5 mL	878537	11/17/22 16:41	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/21/22 01:59	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.09 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 17:54	DXD	EET EDI
	Instrument ID: CBNAMS11									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV12-0-0.5 — Lab Sample ID: 180-147956-17

Date Collected: 11/15/22 14:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.4 g	20 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 02:00	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.15 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 17:36	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.56 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 12:25	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: SSHS-IRM5A2-SCV12-0.5-1 — Lab Sample ID: 180-147956-18

Date Collected: 11/15/22 14:20 — **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV12-0.5-1 — Lab Sample ID: 180-147956-18

Date Collected: 11/15/22 14:20 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 91.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.253 g	5 mL	878537	11/17/22 16:42	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/21/22 02:21	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.02 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 14:51	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.4 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/29/22 01:41	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.11 g	100 mL	552288	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			552490	11/17/22 17:41	KLC	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.55 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 12:27	DSH	EET CAN
	Instrument ID: H3									

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5 Lab Sample ID: 180-147956-19

Date Collected: 11/15/22 14:25 **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			878541	11/17/22 17:37	CJC	EET EDI
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5 Lab Sample ID: 180-147956-19

Date Collected: 11/15/22 14:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.508 g	5 mL	878537	11/17/22 16:42	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/21/22 02:44	VBP	EET EDI
	Instrument ID: CVOAMS9									
Total/NA	Prep	3546			15.07 g	1 mL	878607	11/17/22 22:32	GXY	EET EDI
Total/NA	Analysis	8270E		1	1 mL/g	1 mL/g	878694	11/18/22 18:40	DXD	EET EDI
	Instrument ID: CBNAMS11									
Total/NA	Prep	3541			15.5 g	20.0 mL	418615	11/18/22 10:15	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	418705	11/19/22 05:28	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	418706	11/19/22 05:29	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	419183	11/28/22 19:21	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.07 g	100 mL	553005	11/21/22 15:00	DEE	EET CAN
Total/NA	Analysis	6010D		1			553295	11/22/22 20:07	RKT	EET CAN
	Instrument ID: I9									
Total/NA	Prep	7471B			0.56 g	100 mL	552289	11/16/22 15:00	DEE	EET CAN
Total/NA	Analysis	7471B		1			552532	11/17/22 11:38	DSH	EET CAN
	Instrument ID: H3									

Client Sample ID: BLANK TERRACORE 1 LOT 0110901H Lab Sample ID: 180-147956-20

Date Collected: 11/15/22 00:00 **Matrix: Solid**
Date Received: 11/16/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5 g	5 mL	878537	11/17/22 16:44	JJC	EET EDI
Total/NA	Analysis	8260D		1	5 mL	5 mL	879056	11/20/22 19:38	VBP	EET EDI
	Instrument ID: CVOAMS9									

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Analyst References:

Lab: EET CAN
- Batch Type: Prep
  - DEE = Dale Elshaw
- Batch Type: Analysis
  - DSH = David Heakin
  - KLC = Karen Counts
  - RKT = Roger Toth

Lab: EET EDI
- Batch Type: Prep
  - GXY = Gopichand Yallabandi
  - JJC = Jordan Cho
- Batch Type: Analysis
  - CJC = Claudia Cho
  - DXD = Djedjiga Dekkar
  - VBP = Vyomesh Parekh

Lab: EET PIT
- Batch Type: Cleanup
  - JMO = John Oravec
- Batch Type: Prep
  - AAS = Arianna Swick
- Batch Type: Analysis
  - JMO = John Oravec

Client Sample ID: SSHS-IRM5A2-SCV21-0.5-1 **Lab Sample ID: 180-147956-1**
Date Collected: 11/15/22 13:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.0	4.8	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Benzene	ND		0.84	0.22	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Bromoform	ND	*-	0.84	0.36	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Bromomethane	ND		1.7	0.84	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
2-Butanone (MEK)	ND		4.2	0.31	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Carbon disulfide	ND		0.84	0.22	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Carbon tetrachloride	ND		0.84	0.32	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Chlorobenzene	ND		0.84	0.15	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Chlorobromomethane	ND		0.84	0.24	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Chlorodibromomethane	ND	*-	0.84	0.16	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Chloroethane	ND		0.84	0.44	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Chloroform	ND		0.84	0.81	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Chloromethane	ND		0.84	0.36	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
cis-1,2-Dichloroethene	ND		0.84	0.30	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
cis-1,3-Dichloropropene	ND		0.84	0.23	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Cyclohexane	ND		0.84	0.19	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,2-Dibromo-3-Chloropropane	ND		0.84	0.39	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,2-Dibromoethane	ND		0.84	0.15	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,2-Dichlorobenzene	ND		0.84	0.30	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,3-Dichlorobenzene	ND		0.84	0.31	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,4-Dichlorobenzene	ND		0.84	0.19	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Dichlorobromomethane	ND		0.84	0.22	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Dichlorodifluoromethane	ND		0.84	0.28	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,1-Dichloroethane	ND		0.84	0.17	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,2-Dichloroethane	ND		0.84	0.25	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,1-Dichloroethene	ND		0.84	0.19	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,2-Dichloroethene, Total	ND		1.7	0.32	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,2-Dichloropropane	ND		0.84	0.35	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,4-Dioxane	ND		84	7.7	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Ethylbenzene	ND		0.84	0.17	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
2-Hexanone	ND		4.2	1.4	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Isopropylbenzene	ND		0.84	0.24	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Methyl acetate	ND		4.2	3.6	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Methylcyclohexane	ND		0.84	0.42	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Methylene Chloride	ND		1.7	0.96	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
4-Methyl-2-pentanone (MIBK)	ND		4.2	1.3	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Methyl tert-butyl ether	ND		0.84	0.43	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
m-Xylene & p-Xylene	ND		0.84	0.15	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
o-Xylene	ND		0.84	0.16	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Styrene	ND		0.84	0.23	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,1,2,2-Tetrachloroethane	ND		0.84	0.18	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Tetrachloroethene	ND		0.84	0.26	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Toluene	ND		0.84	0.20	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
trans-1,2-Dichloroethene	ND		0.84	0.21	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
trans-1,3-Dichloropropene	ND	*-	0.84	0.22	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,2,3-Trichlorobenzene	ND		0.84	0.15	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,2,4-Trichlorobenzene	ND		0.84	0.30	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,1,1-Trichloroethane	ND		0.84	0.20	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,1,2-Trichloroethane	ND		0.84	0.15	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1

Client Sample ID: SSHS-IRM5A2-SCV21-0.5-1 Lab Sample ID: 180-147956-1

Date Collected: 11/15/22 13:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.84	0.27	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Trichlorofluoromethane	ND		0.84	0.34	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.84	0.25	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Vinyl chloride	ND		0.84	0.46	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1
Xylenes, Total	ND		1.7	0.15	ug/Kg	☼	11/17/22 16:32	11/20/22 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*75 - 139*	*11/17/22 16:32*	*11/20/22 20:01*	*1*
Dibromofluoromethane (Surr)	*110*		*73 - 139*	*11/17/22 16:32*	*11/20/22 20:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 145*	*11/17/22 16:32*	*11/20/22 20:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/17/22 16:32*	*11/20/22 20:01*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Acetophenone	ND		360	18	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Anthracene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Atrazine	ND		150	22	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Benzaldehyde	ND		360	60	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Benzo[a]anthracene	**24**	**J**	36	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Benzo[a]pyrene	**18**	**J**	36	9.7	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Benzo[b]fluoranthene	**26**	**J**	36	9.5	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Benzo[g,h,i]perylene	**12**	**J**	360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Benzo[k]fluoranthene	**11**	**J**	36	7.2	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
4-Bromophenyl phenyl ether	ND		360	15	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Caprolactam	ND		360	57	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Carbazole	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
4-Chloroaniline	ND		360	65	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
4-Chloro-3-methylphenol	ND		360	21	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Chrysene	**20**	**J**	360	6.2	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2,4-Dimethylphenol	ND		360	44	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Dimethyl phthalate	ND		360	83	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2,4-Dinitrotoluene	ND		74	39	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1

Client Sample ID: SSHS-IRM5A2-SCV21-0.5-1 **Lab Sample ID: 180-147956-1**
Date Collected: 11/15/22 13:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		74	26	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Di-n-octyl phthalate	ND	*+	360	19	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
1,4-Dioxane	ND		36	32	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Fluoranthene	**35**	**J**	360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Fluorene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Hexachlorobutadiene	ND		74	7.8	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Hexachloroethane	ND		36	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Indeno[1,2,3-cd]pyrene	**14**	**J**	36	14	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2-Methylphenol	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Naphthalene	ND		360	6.3	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2-Nitroaniline	ND		360	28	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
3-Nitroaniline	ND		360	87	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
4-Nitroaniline	ND		360	42	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2-Nitrophenol	ND		360	37	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
4-Nitrophenol	ND		740	60	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
N-Nitrosodi-n-propylamine	ND		36	27	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2,2'-oxybis[1-chloropropane]	ND		360	6.6	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Pentachlorophenol	ND		290	75	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Phenanthrene	**17**	**J**	360	6.4	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Phenol	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
Pyrene	**31**	**J**	360	9.1	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2,3,4,6-Tetrachlorophenol	ND		360	25	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/17/22 22:32	11/18/22 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*22 - 122*	*11/17/22 22:32*	*11/18/22 16:00*	*1*
2-Fluorophenol (Surr)	*65*		*18 - 123*	*11/17/22 22:32*	*11/18/22 16:00*	*1*
Nitrobenzene-d5 (Surr)	*76*		*16 - 125*	*11/17/22 22:32*	*11/18/22 16:00*	*1*
Phenol-d5 (Surr)	*75*		*23 - 120*	*11/17/22 22:32*	*11/18/22 16:00*	*1*
Terphenyl-d14 (Surr)	*85*		*25 - 126*	*11/17/22 22:32*	*11/18/22 16:00*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 123*	*11/17/22 22:32*	*11/18/22 16:00*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/18/22 10:15	11/28/22 20:18	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/18/22 10:15	11/28/22 20:18	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/18/22 10:15	11/28/22 20:18	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/18/22 10:15	11/28/22 20:18	1
PCB-1248	ND		18	4.3	ug/Kg	☼	11/18/22 10:15	11/28/22 20:18	1
PCB-1254	ND		18	5.4	ug/Kg	☼	11/18/22 10:15	11/28/22 20:18	1
PCB-1260	ND		18	5.1	ug/Kg	☼	11/18/22 10:15	11/28/22 20:18	1

Client Sample ID: SSHS-IRM5A2-SCV21-0.5-1 — Lab Sample ID: 180-147956-1

Date Collected: 11/15/22 13:05 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.3**

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		18	6.3	ug/Kg	☼	11/18/22 10:15	11/28/22 20:18	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/18/22 10:15	11/28/22 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*63 - 138*	*11/18/22 10:15*	*11/28/22 20:18*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*63 - 138*	*11/18/22 10:15*	*11/28/22 20:18*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*55 - 135*	*11/18/22 10:15*	*11/28/22 20:18*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*55 - 135*	*11/18/22 10:15*	*11/28/22 20:18*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7700**		20	5.4	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Antimony	ND		2.0	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Arsenic	**4.9**		1.5	0.32	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Barium	**80**		20	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Beryllium	**0.33**	**J**	0.50	0.054	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Cadmium	**0.097**	**J**	0.50	0.048	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Calcium	**6100**		500	37	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Chromium	**9.0**		1.0	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Cobalt	**5.7**		1.0	0.20	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Copper	**17**		2.5	0.24	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Iron	**15000**		20	7.0	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Lead	**22**		1.0	0.28	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Magnesium	**3100**		500	46	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Manganese	**400**		1.5	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Nickel	**14**		4.0	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Potassium	**540**		500	80	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Selenium	ND		2.0	0.47	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Silver	ND		1.0	0.082	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Sodium	ND		500	63	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Thallium	ND		2.0	0.40	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Vanadium	**11**		5.0	0.83	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1
Zinc	**68**		5.0	1.4	mg/Kg	☼	11/16/22 15:00	11/17/22 16:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.049**	**J**	0.11	0.020	mg/Kg	☼	11/16/22 15:00	11/17/22 11:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.7**		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	**90.3**		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV20-0-0.5 — Lab Sample ID: 180-147956-2

Date Collected: 11/15/22 13:10 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**16**		7.9	7.5	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Benzene	ND		1.3	0.34	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV20-0-0.5 **Lab Sample ID: 180-147956-2**
Date Collected: 11/15/22 13:10 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND	*-	1.3	0.56	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Bromomethane	ND		2.6	1.3	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
2-Butanone (MEK)	ND		6.5	0.48	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Carbon disulfide	ND		1.3	0.35	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Carbon tetrachloride	ND		1.3	0.51	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Chlorobenzene	ND		1.3	0.23	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Chlorobromomethane	ND		1.3	0.37	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Chlorodibromomethane	ND	*-	1.3	0.25	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Chloroethane	ND		1.3	0.68	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Chloroform	ND		1.3	1.3	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Chloromethane	ND		1.3	0.57	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
cis-1,2-Dichloroethene	ND		1.3	0.47	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
cis-1,3-Dichloropropene	ND		1.3	0.36	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Cyclohexane	ND		1.3	0.29	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,2-Dibromo-3-Chloropropane	ND		1.3	0.60	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,2-Dibromoethane	ND		1.3	0.24	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,2-Dichlorobenzene	ND		1.3	0.47	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,3-Dichlorobenzene	ND		1.3	0.48	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,4-Dichlorobenzene	ND		1.3	0.29	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Dichlorobromomethane	ND		1.3	0.34	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Dichlorodifluoromethane	ND		1.3	0.44	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,1-Dichloroethane	ND		1.3	0.27	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,2-Dichloroethane	ND		1.3	0.39	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,1-Dichloroethene	ND		1.3	0.29	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,2-Dichloroethene, Total	ND		2.6	0.50	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,2-Dichloropropane	ND		1.3	0.55	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,4-Dioxane	ND		130	12	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Ethylbenzene	ND		1.3	0.26	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
2-Hexanone	ND		6.5	2.2	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Isopropylbenzene	ND		1.3	0.37	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Methyl acetate	ND		6.5	5.6	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Methylcyclohexane	ND		1.3	0.65	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Methylene Chloride	ND		2.6	1.5	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
4-Methyl-2-pentanone (MIBK)	ND		6.5	2.0	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Methyl tert-butyl ether	ND		1.3	0.67	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
m-Xylene & p-Xylene	ND		1.3	0.23	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
o-Xylene	ND		1.3	0.25	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Styrene	ND		1.3	0.36	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,1,2,2-Tetrachloroethane	ND		1.3	0.28	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Tetrachloroethene	ND		1.3	0.40	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Toluene	ND		1.3	0.31	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
trans-1,2-Dichloroethene	ND		1.3	0.32	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
trans-1,3-Dichloropropene	ND	*-	1.3	0.35	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,2,3-Trichlorobenzene	ND		1.3	0.24	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,2,4-Trichlorobenzene	ND		1.3	0.47	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,1,1-Trichloroethane	ND		1.3	0.31	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
1,1,2-Trichloroethane	ND		1.3	0.23	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Trichloroethene	ND		1.3	0.42	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Trichlorofluoromethane	ND		1.3	0.53	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1

Client Sample ID: SSHS-IRM5A2-SCV20-0-0.5 **Lab Sample ID: 180-147956-2**
Date Collected: 11/15/22 13:10 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.3	0.39	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Vinyl chloride	ND		1.3	0.72	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1
Xylenes, Total	ND		2.6	0.23	ug/Kg	☼	11/17/22 16:32	11/20/22 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*75 - 139*	*11/17/22 16:32*	*11/20/22 20:23*	*1*
Dibromofluoromethane (Surr)	*110*		*73 - 139*	*11/17/22 16:32*	*11/20/22 20:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*	*11/17/22 16:32*	*11/20/22 20:23*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*11/17/22 16:32*	*11/20/22 20:23*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Acenaphthylene	ND		390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Acetophenone	ND		390	19	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Anthracene	ND		390	12	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Atrazine	ND		160	23	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Benzaldehyde	ND		390	64	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Benzo[a]anthracene	**14**	**J**	39	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Benzo[a]pyrene	ND		39	10	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Benzo[b]fluoranthene	**12**	**J**	39	10	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Benzo[g,h,i]perylene	ND		390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Benzo[k]fluoranthene	ND		39	7.6	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
1,1'-Biphenyl	ND		390	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Bis(2-chloroethoxy)methane	ND		390	30	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Bis(2-chloroethyl)ether	ND		39	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Bis(2-ethylhexyl) phthalate	ND		390	20	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
4-Bromophenyl phenyl ether	ND		390	15	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Butyl benzyl phthalate	ND		390	18	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Caprolactam	ND		390	60	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Carbazole	ND		390	15	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
4-Chloroaniline	ND		390	69	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Chrysene	**7.9**	**J**	390	6.5	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Dibenz(a,h)anthracene	ND		39	17	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Dibenzofuran	ND		390	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
3,3'-Dichlorobenzidine	ND		160	59	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Diethyl phthalate	ND		390	12	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2,4-Dimethylphenol	ND		390	46	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Dimethyl phthalate	ND		390	88	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Di-n-butyl phthalate	ND		390	15	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2,4-Dinitrophenol	ND		310	190	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2,4-Dinitrotoluene	ND		78	42	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2,6-Dinitrotoluene	ND		78	28	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Di-n-octyl phthalate	ND	*+	390	21	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1

Client Sample ID: SSHS-IRM5A2-SCV20-0-0.5 **Lab Sample ID: 180-147956-2**
Date Collected: 11/15/22 13:10 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		39	34	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Fluoranthene	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Fluorene	ND		390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Hexachlorobenzene	ND		39	18	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Hexachlorobutadiene	ND		78	8.2	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Hexachlorocyclopentadiene	ND		390	34	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Hexachloroethane	ND		39	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Indeno[1,2,3-cd]pyrene	ND		39	15	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Isophorone	ND		160	110	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2-Methylnaphthalene	ND		390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2-Methylphenol	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Methylphenol, 3 & 4	ND		390	24	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Naphthalene	ND		390	6.7	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
3-Nitroaniline	ND		390	92	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
4-Nitroaniline	ND		390	44	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Nitrobenzene	ND		39	21	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2-Nitrophenol	ND		390	39	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
4-Nitrophenol	ND		780	63	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
N-Nitrosodi-n-propylamine	ND		39	28	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
N-Nitrosodiphenylamine	ND		390	32	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2,2'-oxybis[1-chloropropane]	ND		390	7.0	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Pentachlorophenol	ND		310	79	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Phenanthrene	ND		390	6.8	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Phenol	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
Pyrene	**11**	**J**	390	9.6	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
1,2,4,5-Tetrachlorobenzene	ND		390	12	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2,3,4,6-Tetrachlorophenol	ND		390	26	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2,4,5-Trichlorophenol	ND		390	39	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1
2,4,6-Trichlorophenol	ND		160	50	ug/Kg	☼	11/17/22 22:32	11/18/22 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*22 - 122*	*11/17/22 22:32*	*11/18/22 14:05*	*1*
2-Fluorophenol (Surr)	*63*		*18 - 123*	*11/17/22 22:32*	*11/18/22 14:05*	*1*
Nitrobenzene-d5 (Surr)	*76*		*16 - 125*	*11/17/22 22:32*	*11/18/22 14:05*	*1*
Phenol-d5 (Surr)	*72*		*23 - 120*	*11/17/22 22:32*	*11/18/22 14:05*	*1*
Terphenyl-d14 (Surr)	*83*		*25 - 126*	*11/17/22 22:32*	*11/18/22 14:05*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 123*	*11/17/22 22:32*	*11/18/22 14:05*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	11/18/22 10:15	11/28/22 20:37	1
PCB-1221	ND		19	6.9	ug/Kg	☼	11/18/22 10:15	11/28/22 20:37	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:15	11/28/22 20:37	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:15	11/28/22 20:37	1
PCB-1248	ND		19	4.7	ug/Kg	☼	11/18/22 10:15	11/28/22 20:37	1
PCB-1254	ND		19	5.8	ug/Kg	☼	11/18/22 10:15	11/28/22 20:37	1
PCB-1260	ND		19	5.5	ug/Kg	☼	11/18/22 10:15	11/28/22 20:37	1
PCB-1262	ND		19	6.8	ug/Kg	☼	11/18/22 10:15	11/28/22 20:37	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:15	11/28/22 20:37	1

Client Sample ID: SSHS-IRM5A2-SCV20-0-0.5 — Lab Sample ID: 180-147956-2

Date Collected: 11/15/22 13:10 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.1**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*11/18/22 10:15*	*11/28/22 20:37*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*11/18/22 10:15*	*11/28/22 20:37*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*55 - 135*	*11/18/22 10:15*	*11/28/22 20:37*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*11/18/22 10:15*	*11/28/22 20:37*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7600**		21	5.6	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Antimony	ND		2.1	0.38	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Arsenic	**5.7**		1.6	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Barium	**71**		21	0.38	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Beryllium	**0.37**	**J**	0.53	0.057	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Cadmium	**0.12**	**J**	0.53	0.051	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Calcium	**1700**		530	39	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Chromium	**9.2**		1.1	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Cobalt	**6.7**		1.1	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Copper	**17**		2.6	0.25	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Iron	**15000**		21	7.3	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Lead	**23**		1.1	0.30	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Magnesium	**2100**		530	49	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Manganese	**480**		1.6	1.2	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Nickel	**15**		4.2	0.25	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Potassium	**900**		530	84	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Selenium	ND		2.1	0.50	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Silver	ND		1.1	0.086	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Sodium	ND		530	66	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Thallium	ND		2.1	0.42	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Vanadium	**11**		5.3	0.87	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1
Zinc	**86**		5.3	1.4	mg/Kg	☼	11/16/22 15:00	11/17/22 16:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.065**	**J**	0.11	0.019	mg/Kg	☼	11/16/22 15:00	11/17/22 11:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.9**		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	**85.1**		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV20-0.5-1 — Lab Sample ID: 180-147956-3

Date Collected: 11/15/22 13:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.1	5.8	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Benzene	ND		1.0	0.26	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Bromoform	ND	*-	1.0	0.43	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Bromomethane	ND		2.0	1.0	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
2-Butanone (MEK)	ND		5.1	0.38	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Carbon disulfide	ND		1.0	0.27	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV20-0.5-1
Lab Sample ID: 180-147956-3
Date Collected: 11/15/22 13:15
Matrix: Solid
Date Received: 11/16/22 09:00
Percent Solids: 85.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.40	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Chlorodibromomethane	ND	*-	1.0	0.20	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Chloroethane	ND		1.0	0.53	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Chloroform	ND		1.0	0.99	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Chloromethane	ND		1.0	0.44	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
cis-1,2-Dichloroethene	ND		1.0	0.37	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Cyclohexane	ND		1.0	0.23	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.47	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,2-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,2-Dichloroethene, Total	ND		2.0	0.39	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,2-Dichloropropane	ND		1.0	0.43	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,4-Dioxane	ND		100	9.4	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Ethylbenzene	ND		1.0	0.20	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
2-Hexanone	ND		5.1	1.7	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Methyl acetate	ND		5.1	4.4	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Methylcyclohexane	ND		1.0	0.51	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Methylene Chloride	ND		2.0	1.2	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.1	1.6	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
m-Xylene & p-Xylene	**0.18**	**J**	1.0	0.18	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Styrene	ND		1.0	0.28	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Toluene	ND		1.0	0.24	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
trans-1,3-Dichloropropene	ND	*-	1.0	0.27	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Trichloroethene	ND		1.0	0.33	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Vinyl chloride	ND		1.0	0.56	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1
Xylenes, Total	**0.18**	**J**	2.0	0.18	ug/Kg	☼	11/17/22 16:33	11/20/22 20:46	1

Client Sample ID: SSHS-IRM5A2-SCV20-0.5-1 Lab Sample ID: 180-147956-3

Date Collected: 11/15/22 13:15 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.3**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*75 - 139*	*11/17/22 16:33*	*11/20/22 20:46*	*1*
Dibromofluoromethane (Surr)	*110*		*73 - 139*	*11/17/22 16:33*	*11/20/22 20:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*	*11/17/22 16:33*	*11/20/22 20:46*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/17/22 16:33*	*11/20/22 20:46*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Acenaphthylene	ND		390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Acetophenone	ND		390	19	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Anthracene	ND		390	12	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Atrazine	ND		160	23	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Benzaldehyde	ND		390	64	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Benzo[a]anthracene	ND		39	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Benzo[a]pyrene	ND		39	10	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Benzo[b]fluoranthene	ND		39	10	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Benzo[g,h,i]perylene	ND		390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Benzo[k]fluoranthene	ND		39	7.6	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
1,1'-Biphenyl	ND		390	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Bis(2-chloroethoxy)methane	ND		390	30	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Bis(2-chloroethyl)ether	ND		39	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Bis(2-ethylhexyl) phthalate	ND		390	20	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
4-Bromophenyl phenyl ether	ND		390	15	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Butyl benzyl phthalate	ND		390	18	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Caprolactam	ND		390	60	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Carbazole	ND		390	15	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
4-Chloroaniline	ND		390	69	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Chrysene	ND		390	6.5	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Dibenz(a,h)anthracene	ND		39	17	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Dibenzofuran	ND		390	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
3,3'-Dichlorobenzidine	ND		160	58	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Diethyl phthalate	ND		390	12	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2,4-Dimethylphenol	ND		390	46	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Dimethyl phthalate	ND		390	88	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Di-n-butyl phthalate	ND		390	15	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2,4-Dinitrophenol	ND		310	190	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2,4-Dinitrotoluene	ND		78	42	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2,6-Dinitrotoluene	ND		78	28	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Di-n-octyl phthalate	ND	*+	390	21	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
1,4-Dioxane	ND		39	34	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Fluoranthene	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Fluorene	ND		390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Hexachlorobenzene	ND		39	18	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Hexachlorobutadiene	ND		78	8.2	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1

Client Sample ID: SSHS-IRM5A2-SCV20-0.5-1 **Lab Sample ID: 180-147956-3**
Date Collected: 11/15/22 13:15 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		390	34	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Hexachloroethane	ND		39	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Indeno[1,2,3-cd]pyrene	ND		39	15	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Isophorone	ND		160	110	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2-Methylnaphthalene	ND		390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2-Methylphenol	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Methylphenol, 3 & 4	ND		390	24	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Naphthalene	ND		390	6.7	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
3-Nitroaniline	ND		390	92	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
4-Nitroaniline	ND		390	44	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Nitrobenzene	ND		39	21	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2-Nitrophenol	ND		390	39	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
4-Nitrophenol	ND		780	63	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
N-Nitrosodi-n-propylamine	ND		39	28	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
N-Nitrosodiphenylamine	ND		390	32	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2,2'-oxybis[1-chloropropane]	ND		390	7.0	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Pentachlorophenol	ND		310	79	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Phenanthrene	ND		390	6.8	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Phenol	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
Pyrene	ND		390	9.6	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
1,2,4,5-Tetrachlorobenzene	ND		390	12	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2,3,4,6-Tetrachlorophenol	ND		390	26	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2,4,5-Trichlorophenol	ND		390	39	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1
2,4,6-Trichlorophenol	ND		160	50	ug/Kg	☼	11/17/22 22:32	11/18/22 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*22 - 122*	*11/17/22 22:32*	*11/18/22 14:28*	*1*
2-Fluorophenol (Surr)	*61*		*18 - 123*	*11/17/22 22:32*	*11/18/22 14:28*	*1*
Nitrobenzene-d5 (Surr)	*72*		*16 - 125*	*11/17/22 22:32*	*11/18/22 14:28*	*1*
Phenol-d5 (Surr)	*68*		*23 - 120*	*11/17/22 22:32*	*11/18/22 14:28*	*1*
Terphenyl-d14 (Surr)	*86*		*25 - 126*	*11/17/22 22:32*	*11/18/22 14:28*	*1*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 123*	*11/17/22 22:32*	*11/18/22 14:28*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	11/18/22 10:15	11/28/22 20:56	1
PCB-1221	ND		19	6.8	ug/Kg	☼	11/18/22 10:15	11/28/22 20:56	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:15	11/28/22 20:56	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:15	11/28/22 20:56	1
PCB-1248	ND		19	4.6	ug/Kg	☼	11/18/22 10:15	11/28/22 20:56	1
PCB-1254	ND		19	5.7	ug/Kg	☼	11/18/22 10:15	11/28/22 20:56	1
PCB-1260	ND		19	5.5	ug/Kg	☼	11/18/22 10:15	11/28/22 20:56	1
PCB-1262	ND		19	6.7	ug/Kg	☼	11/18/22 10:15	11/28/22 20:56	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:15	11/28/22 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/18/22 10:15*	*11/28/22 20:56*	*1*
DCB Decachlorobiphenyl (Surr)	*64*		*63 - 138*	*11/18/22 10:15*	*11/28/22 20:56*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*55 - 135*	*11/18/22 10:15*	*11/28/22 20:56*	*1*

Client Sample ID: SSHS-IRM5A2-SCV20-0.5-1 — Lab Sample ID: 180-147956-3

Date Collected: 11/15/22 13:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.3**

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	73		55 - 135	11/18/22 10:15	11/28/22 20:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9400		19	5.0	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Antimony	ND		1.9	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Arsenic	4.8		1.4	0.29	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Barium	48		19	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Beryllium	0.36	J	0.47	0.050	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Cadmium	0.067	J	0.47	0.045	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Calcium	990		470	34	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Chromium	10		0.93	0.32	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Cobalt	7.4		0.93	0.19	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Copper	16		2.3	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Iron	17000		19	6.5	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Lead	8.3		0.93	0.26	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Magnesium	2200		470	43	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Manganese	430		1.4	1.0	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Nickel	17		3.7	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Potassium	530		470	74	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Selenium	ND		1.9	0.44	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Silver	ND		0.93	0.075	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Sodium	ND		470	58	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Thallium	ND		1.9	0.37	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Vanadium	13		4.7	0.77	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1
Zinc	99		4.7	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 16:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048	J	0.12	0.022	mg/Kg	☼	11/16/22 15:00	11/17/22 11:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.7		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	85.3		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV19-0.5-1 — Lab Sample ID: 180-147956-4

Date Collected: 11/15/22 13:20 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.7	5.5	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Benzene	ND		0.95	0.25	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Bromoform	ND	*-	0.95	0.41	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Bromomethane	ND		1.9	0.95	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
2-Butanone (MEK)	ND		4.8	0.35	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Carbon disulfide	ND		0.95	0.25	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Carbon tetrachloride	ND		0.95	0.37	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Chlorobenzene	ND		0.95	0.17	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1

Client Sample ID: SSHS-IRM5A2-SCV19-0.5-1 **Lab Sample ID: 180-147956-4**
Date Collected: 11/15/22 13:20 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		0.95	0.27	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Chlorodibromomethane	ND	*-	0.95	0.19	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Chloroethane	ND		0.95	0.50	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Chloroform	ND		0.95	0.93	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Chloromethane	ND		0.95	0.41	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
cis-1,2-Dichloroethene	ND		0.95	0.34	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
cis-1,3-Dichloropropene	ND		0.95	0.26	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Cyclohexane	ND		0.95	0.21	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,2-Dibromo-3-Chloropropane	ND		0.95	0.44	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,2-Dibromoethane	ND		0.95	0.17	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,2-Dichlorobenzene	ND		0.95	0.34	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,3-Dichlorobenzene	ND		0.95	0.35	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,4-Dichlorobenzene	ND		0.95	0.21	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Dichlorobromomethane	ND		0.95	0.25	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Dichlorodifluoromethane	ND		0.95	0.32	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,1-Dichloroethane	ND		0.95	0.20	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,2-Dichloroethane	ND		0.95	0.28	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,1-Dichloroethene	ND		0.95	0.21	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,2-Dichloroethene, Total	ND		1.9	0.36	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,2-Dichloropropane	ND		0.95	0.40	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,4-Dioxane	ND		95	8.8	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Ethylbenzene	ND		0.95	0.19	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
2-Hexanone	ND		4.8	1.6	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Isopropylbenzene	ND		0.95	0.27	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Methyl acetate	ND		4.8	4.1	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Methylcyclohexane	ND		0.95	0.48	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Methylene Chloride	ND		1.9	1.1	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
4-Methyl-2-pentanone (MIBK)	ND		4.8	1.5	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Methyl tert-butyl ether	ND		0.95	0.49	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
m-Xylene & p-Xylene	**0.22**	**J**	0.95	0.17	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
o-Xylene	ND		0.95	0.19	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Styrene	ND		0.95	0.27	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,1,2,2-Tetrachloroethane	ND		0.95	0.20	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Tetrachloroethene	ND		0.95	0.29	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Toluene	**0.43**	**J**	0.95	0.22	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
trans-1,2-Dichloroethene	ND		0.95	0.23	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
trans-1,3-Dichloropropene	ND	*-	0.95	0.25	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,2,3-Trichlorobenzene	ND		0.95	0.17	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,2,4-Trichlorobenzene	ND		0.95	0.34	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,1,1-Trichloroethane	ND		0.95	0.22	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,1,2-Trichloroethane	ND		0.95	0.17	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Trichloroethene	ND		0.95	0.31	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Trichlorofluoromethane	ND		0.95	0.39	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.95	0.29	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Vinyl chloride	ND		0.95	0.52	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1
Xylenes, Total	**0.22**	**J**	1.9	0.17	ug/Kg	☼	11/17/22 16:33	11/20/22 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*75 - 139*	*11/17/22 16:33*	*11/20/22 21:08*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 139*	*11/17/22 16:33*	*11/20/22 21:08*	*1*

Client Sample ID: SSHS-IRM5A2-SCV19-0.5-1 **Lab Sample ID: 180-147956-4**
Date Collected: 11/15/22 13:20 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*	*11/17/22 16:33*	*11/20/22 21:08*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/17/22 16:33*	*11/20/22 21:08*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Acetophenone	ND		360	18	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Anthracene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Atrazine	ND		150	21	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Benzaldehyde	**91**	**J**	360	60	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Benzo[a]anthracene	ND		36	13	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Benzo[a]pyrene	ND		36	9.7	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Benzo[b]fluoranthene	ND		36	9.4	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Benzo[g,h,i]perylene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Benzo[k]fluoranthene	ND		36	7.2	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Caprolactam	ND		360	57	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Carbazole	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
4-Chloroaniline	ND		360	65	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Chrysene	ND		360	6.2	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2,4-Dimethylphenol	ND		360	44	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Dimethyl phthalate	ND		360	83	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2,4-Dinitrotoluene	ND		74	39	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2,6-Dinitrotoluene	ND		74	26	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Di-n-octyl phthalate	ND	*+	360	19	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
1,4-Dioxane	ND		36	32	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Fluoranthene	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Fluorene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Hexachlorobutadiene	ND		74	7.8	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1

Client Sample ID: SSHS-IRM5A2-SCV19-0.5-1 **Lab Sample ID: 180-147956-4**
Date Collected: 11/15/22 13:20 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		36	13	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Indeno[1,2,3-cd]pyrene	ND		36	14	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2-Methylphenol	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Naphthalene	ND		360	6.3	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2-Nitroaniline	ND		360	28	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
3-Nitroaniline	ND		360	87	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
4-Nitroaniline	ND		360	42	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2-Nitrophenol	ND		360	37	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
4-Nitrophenol	ND		740	59	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2,2'-oxybis[1-chloropropane]	ND		360	6.6	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Pentachlorophenol	ND		290	75	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Phenanthrene	ND		360	6.4	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Phenol	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
Pyrene	ND		360	9.1	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2,3,4,6-Tetrachlorophenol	ND		360	25	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/17/22 22:32	11/18/22 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*22 - 122*	*11/17/22 22:32*	*11/18/22 13:20*	*1*
2-Fluorophenol (Surr)	*65*		*18 - 123*	*11/17/22 22:32*	*11/18/22 13:20*	*1*
Nitrobenzene-d5 (Surr)	*75*		*16 - 125*	*11/17/22 22:32*	*11/18/22 13:20*	*1*
Phenol-d5 (Surr)	*74*		*23 - 120*	*11/17/22 22:32*	*11/18/22 13:20*	*1*
Terphenyl-d14 (Surr)	*85*		*25 - 126*	*11/17/22 22:32*	*11/18/22 13:20*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*10 - 123*	*11/17/22 22:32*	*11/18/22 13:20*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	11/18/22 10:15	11/28/22 21:15	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/18/22 10:15	11/28/22 21:15	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/18/22 10:15	11/28/22 21:15	1
PCB-1242	ND		18	2.7	ug/Kg	☼	11/18/22 10:15	11/28/22 21:15	1
PCB-1248	ND		18	4.4	ug/Kg	☼	11/18/22 10:15	11/28/22 21:15	1
PCB-1254	ND		18	5.4	ug/Kg	☼	11/18/22 10:15	11/28/22 21:15	1
PCB-1260	ND		18	5.2	ug/Kg	☼	11/18/22 10:15	11/28/22 21:15	1
PCB-1262	ND		18	6.4	ug/Kg	☼	11/18/22 10:15	11/28/22 21:15	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/18/22 10:15	11/28/22 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*78*		*63 - 138*	*11/18/22 10:15*	*11/28/22 21:15*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*63 - 138*	*11/18/22 10:15*	*11/28/22 21:15*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*55 - 135*	*11/18/22 10:15*	*11/28/22 21:15*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*55 - 135*	*11/18/22 10:15*	*11/28/22 21:15*	*1*

Client Sample ID: SSHS-IRM5A2-SCV19-0.5-1 — Lab Sample ID: 180-147956-4

Date Collected: 11/15/22 13:20 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.6**

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7200		18	4.9	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Antimony	ND		1.8	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Arsenic	5.9		1.4	0.29	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Barium	32		18	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Beryllium	0.36	J	0.46	0.049	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Cadmium	0.051	J	0.46	0.044	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Calcium	610		460	33	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Chromium	8.1		0.91	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Cobalt	6.0		0.91	0.18	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Copper	16		2.3	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Iron	14000		18	6.3	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Lead	7.4		0.91	0.26	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Magnesium	1800		460	42	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Manganese	320		1.4	1.0	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Nickel	14		3.7	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Potassium	550		460	72	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Selenium	ND		1.8	0.43	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Silver	ND		0.91	0.074	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Sodium	ND		460	57	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Thallium	ND		1.8	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Vanadium	11		4.6	0.75	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1
Zinc	50		4.6	1.2	mg/Kg	☼	11/16/22 15:00	11/17/22 16:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	J	0.097	0.018	mg/Kg	☼	11/16/22 15:00	11/17/22 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.4		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	90.6		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP6 — Lab Sample ID: 180-147956-5

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 92.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.7	5.5	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Benzene	ND		0.96	0.25	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Bromoform	ND	*-	0.96	0.41	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Bromomethane	ND		1.9	0.96	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
2-Butanone (MEK)	ND		4.8	0.35	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Carbon disulfide	ND		0.96	0.25	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Carbon tetrachloride	ND		0.96	0.37	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Chlorobenzene	ND		0.96	0.17	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Chlorobromomethane	ND		0.96	0.27	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Chlorodibromomethane	ND	*-	0.96	0.19	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Chloroethane	ND		0.96	0.50	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Chloroform	ND		0.96	0.93	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP6 **Lab Sample ID: 180-147956-5**
Date Collected: 11/15/22 00:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 92.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		0.96	0.42	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
cis-1,2-Dichloroethene	ND		0.96	0.34	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
cis-1,3-Dichloropropene	ND		0.96	0.26	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Cyclohexane	ND		0.96	0.21	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,2-Dibromo-3-Chloropropane	ND		0.96	0.44	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,2-Dibromoethane	ND		0.96	0.17	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,2-Dichlorobenzene	ND		0.96	0.34	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,3-Dichlorobenzene	ND		0.96	0.35	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,4-Dichlorobenzene	ND		0.96	0.21	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Dichlorobromomethane	ND		0.96	0.25	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Dichlorodifluoromethane	ND		0.96	0.32	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,1-Dichloroethane	ND		0.96	0.20	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,2-Dichloroethane	ND		0.96	0.28	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,1-Dichloroethene	ND		0.96	0.21	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,2-Dichloroethene, Total	ND		1.9	0.36	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,2-Dichloropropane	ND		0.96	0.40	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,4-Dioxane	ND		96	8.8	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Ethylbenzene	ND		0.96	0.19	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
2-Hexanone	ND		4.8	1.6	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Isopropylbenzene	ND		0.96	0.27	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Methyl acetate	ND		4.8	4.1	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Methylcyclohexane	ND		0.96	0.48	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Methylene Chloride	ND		1.9	1.1	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
4-Methyl-2-pentanone (MIBK)	ND		4.8	1.5	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Methyl tert-butyl ether	ND		0.96	0.49	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
m-Xylene & p-Xylene	ND		0.96	0.17	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
o-Xylene	ND		0.96	0.19	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Styrene	ND		0.96	0.27	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,1,2,2-Tetrachloroethane	ND		0.96	0.20	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Tetrachloroethene	ND		0.96	0.29	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Toluene	**0.50**	**J**	0.96	0.22	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
trans-1,2-Dichloroethene	ND		0.96	0.23	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
trans-1,3-Dichloropropene	ND	*-	0.96	0.25	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,2,3-Trichlorobenzene	ND		0.96	0.17	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,2,4-Trichlorobenzene	ND		0.96	0.34	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,1,1-Trichloroethane	ND		0.96	0.22	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,1,2-Trichloroethane	ND		0.96	0.17	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Trichloroethene	ND		0.96	0.31	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Trichlorofluoromethane	ND		0.96	0.39	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.96	0.29	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Vinyl chloride	ND		0.96	0.52	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1
Xylenes, Total	ND		1.9	0.17	ug/Kg	☼	11/17/22 16:34	11/20/22 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*75 - 139*	*11/17/22 16:34*	*11/20/22 21:30*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 139*	*11/17/22 16:34*	*11/20/22 21:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 145*	*11/17/22 16:34*	*11/20/22 21:30*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/17/22 16:34*	*11/20/22 21:30*	*1*

Client: Geosyntec Consultants, Inc.
Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV-DUP6
Lab Sample ID: 180-147956-5
Date Collected: 11/15/22 00:00
Matrix: Solid
Date Received: 11/16/22 09:00
Percent Solids: 92.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	10	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Acenaphthylene	ND		350	10	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Acetophenone	ND		350	17	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Anthracene	ND		350	11	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Atrazine	ND		140	21	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Benzaldehyde	ND		350	59	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Benzo[a]anthracene	ND		35	12	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Benzo[a]pyrene	ND		35	9.5	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Benzo[b]fluoranthene	ND		35	9.2	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Benzo[g,h,i]perylene	ND		350	10	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Benzo[k]fluoranthene	ND		35	7.0	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Bis(2-chloroethoxy)methane	ND		350	28	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Bis(2-ethylhexyl) phthalate	ND		350	19	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Butyl benzyl phthalate	ND		350	17	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Caprolactam	ND		350	55	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Carbazole	ND		350	14	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
4-Chloroaniline	ND		350	63	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2-Chlorophenol	ND		350	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
4-Chlorophenyl phenyl ether	ND		350	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Chrysene	ND		350	6.0	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Dibenz(a,h)anthracene	ND		35	15	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Dibenzofuran	ND		350	12	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2,4-Dimethylphenol	ND		350	42	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Dimethyl phthalate	ND		350	81	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Di-n-butyl phthalate	ND		350	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2,4-Dinitrophenol	ND		290	170	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Di-n-octyl phthalate	ND	*+	350	19	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
1,4-Dioxane	ND		35	31	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Fluoranthene	ND		350	12	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Fluorene	ND		350	10	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Hexachlorobenzene	ND		35	17	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Hexachlorobutadiene	ND		72	7.6	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Hexachlorocyclopentadiene	ND		350	31	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Indeno[1,2,3-cd]pyrene	ND		35	14	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Isophorone	ND		140	100	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2-Methylnaphthalene	ND		350	9.9	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP6 — Lab Sample ID: 180-147956-5

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 92.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Naphthalene	ND		350	6.1	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
3-Nitroaniline	ND		350	84	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
4-Nitroaniline	ND		350	41	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Nitrobenzene	ND		35	20	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2-Nitrophenol	ND		350	36	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
N-Nitrosodi-n-propylamine	ND		35	26	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2,2'-oxybis[1-chloropropane]	ND		350	6.4	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Pentachlorophenol	ND		290	73	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Phenanthrene	ND		350	6.2	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Phenol	ND		350	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
Pyrene	ND		350	8.8	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2,3,4,6-Tetrachlorophenol	ND		350	24	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/17/22 22:32	11/18/22 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*22 - 122*	*11/17/22 22:32*	*11/18/22 12:34*	*1*
2-Fluorophenol (Surr)	*65*		*18 - 123*	*11/17/22 22:32*	*11/18/22 12:34*	*1*
Nitrobenzene-d5 (Surr)	*77*		*16 - 125*	*11/17/22 22:32*	*11/18/22 12:34*	*1*
Phenol-d5 (Surr)	*75*		*23 - 120*	*11/17/22 22:32*	*11/18/22 12:34*	*1*
Terphenyl-d14 (Surr)	*88*		*25 - 126*	*11/17/22 22:32*	*11/18/22 12:34*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*10 - 123*	*11/17/22 22:32*	*11/18/22 12:34*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.7	ug/Kg	☼	11/18/22 10:15	11/28/22 22:12	1
PCB-1221	ND		17	6.2	ug/Kg	☼	11/18/22 10:15	11/28/22 22:12	1
PCB-1232	ND		17	4.2	ug/Kg	☼	11/18/22 10:15	11/28/22 22:12	1
PCB-1242	ND		17	2.5	ug/Kg	☼	11/18/22 10:15	11/28/22 22:12	1
PCB-1248	ND		17	4.2	ug/Kg	☼	11/18/22 10:15	11/28/22 22:12	1
PCB-1254	**10**	**J**	17	5.2	ug/Kg	☼	11/18/22 10:15	11/28/22 22:12	1
PCB-1260	ND		17	4.9	ug/Kg	☼	11/18/22 10:15	11/28/22 22:12	1
PCB-1262	ND		17	6.1	ug/Kg	☼	11/18/22 10:15	11/28/22 22:12	1
PCB-1268	ND		17	2.3	ug/Kg	☼	11/18/22 10:15	11/28/22 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*92*		*63 - 138*	*11/18/22 10:15*	*11/28/22 22:12*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*11/18/22 10:15*	*11/28/22 22:12*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*55 - 135*	*11/18/22 10:15*	*11/28/22 22:12*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*55 - 135*	*11/18/22 10:15*	*11/28/22 22:12*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6600**		21	5.7	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Antimony	ND		2.1	0.38	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP6 — Lab Sample ID: 180-147956-5

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 92.7**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		1.6	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Barium	34		21	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Beryllium	0.32	J	0.53	0.058	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Cadmium	0.059	J	0.53	0.051	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Calcium	590		530	39	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Chromium	7.6		1.1	0.37	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Cobalt	5.8		1.1	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Copper	16		2.7	0.25	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Iron	14000		21	7.4	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Lead	7.7		1.1	0.30	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Magnesium	1600		530	49	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Manganese	350		1.6	1.2	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Nickel	13		4.3	0.25	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Potassium	520	J	530	85	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Selenium	ND		2.1	0.50	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Silver	ND		1.1	0.087	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Sodium	ND		530	67	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Thallium	ND		2.1	0.43	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Vanadium	9.7		5.3	0.88	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1
Zinc	49		5.3	1.5	mg/Kg	☼	11/16/22 15:00	11/17/22 16:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	J	0.10	0.019	mg/Kg	☼	11/16/22 15:00	11/17/22 11:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	7.3		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	92.7		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV18-0-0.5 — Lab Sample ID: 180-147956-6

Date Collected: 11/15/22 13:25 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 89.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	12		6.6	6.3	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Benzene	ND		1.1	0.28	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Bromoform	ND	*-	1.1	0.47	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Bromomethane	ND		2.2	1.1	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
2-Butanone (MEK)	ND		5.5	0.41	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Carbon disulfide	ND		1.1	0.29	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Carbon tetrachloride	ND		1.1	0.43	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Chlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Chlorobromomethane	ND		1.1	0.31	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Chlorodibromomethane	ND	*-	1.1	0.21	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Chloroethane	ND		1.1	0.58	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Chloroform	ND		1.1	1.1	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Chloromethane	ND		1.1	0.48	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
cis-1,2-Dichloroethene	ND		1.1	0.39	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV18-0-0.5 **Lab Sample ID: 180-147956-6**
Date Collected: 11/15/22 13:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 89.9**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.1	0.30	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Cyclohexane	ND		1.1	0.24	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.51	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,2-Dibromoethane	ND		1.1	0.20	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,2-Dichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,3-Dichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,4-Dichlorobenzene	ND		1.1	0.25	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Dichlorobromomethane	ND		1.1	0.28	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Dichlorodifluoromethane	ND		1.1	0.37	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,1-Dichloroethane	ND		1.1	0.23	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,2-Dichloroethane	ND		1.1	0.33	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,1-Dichloroethene	ND		1.1	0.25	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,2-Dichloroethene, Total	ND		2.2	0.42	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,2-Dichloropropane	ND		1.1	0.47	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,4-Dioxane	ND		110	10	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Ethylbenzene	ND		1.1	0.22	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
2-Hexanone	ND		5.5	1.9	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Isopropylbenzene	ND		1.1	0.31	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Methyl acetate	ND		5.5	4.7	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Methylcyclohexane	ND		1.1	0.55	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Methylene Chloride	ND		2.2	1.3	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	1.7	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Methyl tert-butyl ether	ND		1.1	0.56	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
m-Xylene & p-Xylene	ND		1.1	0.19	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
o-Xylene	ND		1.1	0.21	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Styrene	ND		1.1	0.31	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.24	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Tetrachloroethene	ND		1.1	0.34	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Toluene	**0.66**	**J**	1.1	0.26	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
trans-1,2-Dichloroethene	ND		1.1	0.27	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
trans-1,3-Dichloropropene	ND	*-	1.1	0.29	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,2,3-Trichlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,2,4-Trichlorobenzene	ND		1.1	0.39	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,1,1-Trichloroethane	ND		1.1	0.26	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Trichloroethene	ND		1.1	0.35	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Trichlorofluoromethane	ND		1.1	0.45	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.33	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Vinyl chloride	ND		1.1	0.60	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1
Xylenes, Total	ND		2.2	0.19	ug/Kg	☼	11/17/22 16:34	11/20/22 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*	*11/17/22 16:34*	*11/20/22 21:53*	*1*
Dibromofluoromethane (Surr)	*111*		*73 - 139*	*11/17/22 16:34*	*11/20/22 21:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*	*11/17/22 16:34*	*11/20/22 21:53*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*11/17/22 16:34*	*11/20/22 21:53*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	10	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV18-0-0.5 **Lab Sample ID: 180-147956-6**
Date Collected: 11/15/22 13:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 89.9**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		370	10	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Acetophenone	ND		370	18	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Anthracene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Atrazine	ND		150	22	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Benzaldehyde	ND		370	61	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Benzo[a]anthracene	ND		37	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Benzo[a]pyrene	ND		37	9.8	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Benzo[b]fluoranthene	ND		37	9.5	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Benzo[g,h,i]perylene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Benzo[k]fluoranthene	ND		37	7.2	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Bis(2-ethylhexyl) phthalate	ND		370	19	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Butyl benzyl phthalate	ND		370	17	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Caprolactam	ND		370	57	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Carbazole	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
4-Chloroaniline	ND		370	65	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Chrysene	ND		370	6.2	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Dibenz(a,h)anthracene	ND		37	16	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Dibenzofuran	ND		370	12	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2,4-Dimethylphenol	ND		370	44	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Dimethyl phthalate	ND		370	83	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Di-n-butyl phthalate	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2,4-Dinitrotoluene	ND		74	39	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2,6-Dinitrotoluene	ND		74	26	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Di-n-octyl phthalate	ND	*+	370	19	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
1,4-Dioxane	ND		37	32	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Fluoranthene	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Fluorene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Hexachlorobenzene	ND		37	17	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Hexachlorobutadiene	ND		74	7.8	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Hexachlorocyclopentadiene	ND		370	32	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Indeno[1,2,3-cd]pyrene	ND		37	14	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2-Methylnaphthalene	ND		370	10	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Methylphenol, 3 & 4	ND		370	23	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV18-0-0.5 **Lab Sample ID: 180-147956-6**
Date Collected: 11/15/22 13:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 89.9**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		370	6.3	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
3-Nitroaniline	ND		370	87	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
4-Nitroaniline	ND		370	42	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Nitrobenzene	ND		37	20	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2-Nitrophenol	ND		370	37	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
4-Nitrophenol	ND		740	60	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
N-Nitrosodiphenylamine	ND		370	30	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2,2'-oxybis[1-chloropropane]	ND		370	6.6	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Pentachlorophenol	ND		290	75	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Phenanthrene	ND		370	6.4	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Phenol	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
Pyrene	ND		370	9.1	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
1,2,4,5-Tetrachlorobenzene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2,4,5-Trichlorophenol	ND		370	37	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/17/22 22:32	11/18/22 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*22 - 122*	*11/17/22 22:32*	*11/18/22 12:12*	*1*
2-Fluorophenol (Surr)	*71*		*18 - 123*	*11/17/22 22:32*	*11/18/22 12:12*	*1*
Nitrobenzene-d5 (Surr)	*83*		*16 - 125*	*11/17/22 22:32*	*11/18/22 12:12*	*1*
Phenol-d5 (Surr)	*79*		*23 - 120*	*11/17/22 22:32*	*11/18/22 12:12*	*1*
Terphenyl-d14 (Surr)	*88*		*25 - 126*	*11/17/22 22:32*	*11/18/22 12:12*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*10 - 123*	*11/17/22 22:32*	*11/18/22 12:12*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/18/22 10:15	11/28/22 22:31	1
PCB-1221	ND		18	6.4	ug/Kg	☼	11/18/22 10:15	11/28/22 22:31	1
PCB-1232	ND		18	4.4	ug/Kg	☼	11/18/22 10:15	11/28/22 22:31	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/18/22 10:15	11/28/22 22:31	1
PCB-1248	ND		18	4.3	ug/Kg	☼	11/18/22 10:15	11/28/22 22:31	1
PCB-1254	ND		18	5.4	ug/Kg	☼	11/18/22 10:15	11/28/22 22:31	1
PCB-1260	ND		18	5.1	ug/Kg	☼	11/18/22 10:15	11/28/22 22:31	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/18/22 10:15	11/28/22 22:31	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/18/22 10:15	11/28/22 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*48*	*S1-*	*63 - 138*	*11/18/22 10:15*	*11/28/22 22:31*	*1*
DCB Decachlorobiphenyl (Surr)	*49*	*S1-*	*63 - 138*	*11/18/22 10:15*	*11/28/22 22:31*	*1*
Tetrachloro-m-xylene (Surr)	*62*		*55 - 135*	*11/18/22 10:15*	*11/28/22 22:31*	*1*
Tetrachloro-m-xylene (Surr)	*60*		*55 - 135*	*11/18/22 10:15*	*11/28/22 22:31*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9500**		20	5.2	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Antimony	ND		2.0	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Arsenic	**5.1**		1.5	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1

Client Sample ID: SSHS-IRM5A2-SCV18-0-0.5

Lab Sample ID: 180-147956-6
Date Collected: 11/15/22 13:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 89.9**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	38		20	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Beryllium	0.35	J	0.49	0.053	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Cadmium	0.068	J	0.49	0.047	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Calcium	580		490	36	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Chromium	10		0.98	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Cobalt	7.3		0.98	0.20	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Copper	23		2.4	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Iron	18000		20	6.8	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Lead	12		0.98	0.28	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Magnesium	2700		490	45	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Manganese	320		1.5	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Nickel	18		3.9	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Potassium	710		490	77	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Selenium	ND		2.0	0.46	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Silver	ND		0.98	0.079	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Sodium	ND		490	61	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Thallium	ND		2.0	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Vanadium	13		4.9	0.80	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1
Zinc	62		4.9	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 16:46	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030	J	0.11	0.019	mg/Kg	☼	11/16/22 15:00	11/17/22 12:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.1		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	89.9		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV18-0.5-1

Lab Sample ID: 180-147956-7
Date Collected: 11/15/22 13:30 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.6	6.3	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Benzene	ND		1.1	0.28	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Bromoform	ND	*-	1.1	0.47	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Bromomethane	ND		2.2	1.1	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
2-Butanone (MEK)	ND		5.5	0.41	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Carbon disulfide	ND		1.1	0.29	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Carbon tetrachloride	ND		1.1	0.43	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Chlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Chlorobromomethane	ND		1.1	0.31	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Chlorodibromomethane	ND	*-	1.1	0.21	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Chloroethane	ND		1.1	0.58	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Chloroform	ND		1.1	1.1	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Chloromethane	ND		1.1	0.48	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
cis-1,2-Dichloroethene	ND		1.1	0.39	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
cis-1,3-Dichloropropene	ND		1.1	0.30	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1

Client Sample ID: SSHS-IRM5A2-SCV18-0.5-1 Lab Sample ID: 180-147956-7

Date Collected: 11/15/22 13:30 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.1**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		1.1	0.24	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.51	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,2-Dibromoethane	ND		1.1	0.20	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,2-Dichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,3-Dichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,4-Dichlorobenzene	ND		1.1	0.25	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Dichlorobromomethane	ND		1.1	0.28	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Dichlorodifluoromethane	ND		1.1	0.37	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,1-Dichloroethane	ND		1.1	0.23	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,2-Dichloroethane	ND		1.1	0.33	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,1-Dichloroethene	ND		1.1	0.25	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,2-Dichloroethene, Total	ND		2.2	0.42	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,2-Dichloropropane	ND		1.1	0.47	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,4-Dioxane	ND		110	10	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Ethylbenzene	ND		1.1	0.22	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
2-Hexanone	ND		5.5	1.9	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Isopropylbenzene	ND		1.1	0.31	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Methyl acetate	ND		5.5	4.7	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Methylcyclohexane	ND		1.1	0.55	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Methylene Chloride	ND		2.2	1.3	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	1.7	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Methyl tert-butyl ether	ND		1.1	0.56	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
m-Xylene & p-Xylene	ND		1.1	0.19	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
o-Xylene	ND		1.1	0.21	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Styrene	ND		1.1	0.31	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.24	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Tetrachloroethene	ND		1.1	0.34	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Toluene	ND		1.1	0.26	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
trans-1,2-Dichloroethene	ND		1.1	0.27	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
trans-1,3-Dichloropropene	ND	*-	1.1	0.29	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,2,3-Trichlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,2,4-Trichlorobenzene	ND		1.1	0.39	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,1,1-Trichloroethane	ND		1.1	0.26	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Trichloroethene	ND		1.1	0.35	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Trichlorofluoromethane	ND		1.1	0.45	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.33	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Vinyl chloride	ND		1.1	0.60	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1
Xylenes, Total	ND		2.2	0.19	ug/Kg	☼	11/17/22 16:35	11/20/22 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*75 - 139*	*11/17/22 16:35*	*11/20/22 22:15*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 139*	*11/17/22 16:35*	*11/20/22 22:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 145*	*11/17/22 16:35*	*11/20/22 22:15*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/17/22 16:35*	*11/20/22 22:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Acenaphthylene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1

Client Sample ID: SSHS-IRM5A2-SCV18-0.5-1 **Lab Sample ID: 180-147956-7**
Date Collected: 11/15/22 13:30 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		380	19	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Anthracene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Atrazine	ND		150	22	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Benzaldehyde	**760**		380	62	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Benzo[a]anthracene	**18**	**J**	38	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Benzo[a]pyrene	**13**	**J**	38	10	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Benzo[b]fluoranthene	**19**	**J**	38	9.8	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Benzo[g,h,i]perylene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Benzo[k]fluoranthene	ND		38	7.4	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Bis(2-chloroethoxy)methane	ND		380	29	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Caprolactam	ND		380	59	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Carbazole	ND		380	14	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
4-Chloroaniline	ND		380	67	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
4-Chloro-3-methylphenol	ND		380	21	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2-Chloronaphthalene	ND		380	17	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2-Chlorophenol	ND		380	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
4-Chlorophenyl phenyl ether	ND		380	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Chrysene	**14**	**J**	380	6.4	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Dibenz(a,h)anthracene	ND		38	16	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Dibenzofuran	ND		380	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
3,3'-Dichlorobenzidine	ND		150	57	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2,4-Dimethylphenol	ND		380	45	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Dimethyl phthalate	ND		380	86	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Di-n-butyl phthalate	ND		380	14	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2,4-Dinitrophenol	ND		300	190	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2,4-Dinitrotoluene	ND		76	41	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2,6-Dinitrotoluene	ND		76	27	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Di-n-octyl phthalate	ND	*+	380	20	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
1,4-Dioxane	ND		38	33	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Fluoranthene	**22**	**J**	380	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Fluorene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Hexachlorobutadiene	ND		76	8.0	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Hexachlorocyclopentadiene	ND		380	33	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Hexachloroethane	ND		38	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Indeno[1,2,3-cd]pyrene	ND		38	15	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2-Methylnaphthalene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2-Methylphenol	ND		380	14	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Methylphenol, 3 & 4	ND		380	24	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Naphthalene	ND		380	6.5	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1

Client Sample ID: SSHS-IRM5A2-SCV18-0.5-1 **Lab Sample ID: 180-147956-7**
Date Collected: 11/15/22 13:30 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.1**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		380	29	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
3-Nitroaniline	ND		380	90	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
4-Nitroaniline	ND		380	43	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Nitrobenzene	ND		38	21	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2-Nitrophenol	ND		380	38	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
4-Nitrophenol	ND		760	62	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
N-Nitrosodi-n-propylamine	ND		38	27	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
N-Nitrosodiphenylamine	ND		380	31	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2,2'-oxybis[1-chloropropane]	ND		380	6.8	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Pentachlorophenol	ND		300	77	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Phenanthrene	**9.9**	**J**	380	6.6	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Phenol	ND		380	14	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
Pyrene	**18**	**J**	380	9.4	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
1,2,4,5-Tetrachlorobenzene	ND		380	12	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2,3,4,6-Tetrachlorophenol	ND		380	26	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2,4,5-Trichlorophenol	ND		380	38	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	11/17/22 22:32	11/18/22 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*22 - 122*	*11/17/22 22:32*	*11/18/22 16:23*	*1*
2-Fluorophenol (Surr)	*69*		*18 - 123*	*11/17/22 22:32*	*11/18/22 16:23*	*1*
Nitrobenzene-d5 (Surr)	*82*		*16 - 125*	*11/17/22 22:32*	*11/18/22 16:23*	*1*
Phenol-d5 (Surr)	*82*		*23 - 120*	*11/17/22 22:32*	*11/18/22 16:23*	*1*
Terphenyl-d14 (Surr)	*90*		*25 - 126*	*11/17/22 22:32*	*11/18/22 16:23*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 123*	*11/17/22 22:32*	*11/18/22 16:23*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	11/18/22 10:15	11/28/22 22:50	1
PCB-1221	ND		19	6.7	ug/Kg	☼	11/18/22 10:15	11/28/22 22:50	1
PCB-1232	ND		19	4.6	ug/Kg	☼	11/18/22 10:15	11/28/22 22:50	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:15	11/28/22 22:50	1
PCB-1248	ND		19	4.5	ug/Kg	☼	11/18/22 10:15	11/28/22 22:50	1
PCB-1254	**11**	**J**	19	5.7	ug/Kg	☼	11/18/22 10:15	11/28/22 22:50	1
PCB-1260	ND		19	5.4	ug/Kg	☼	11/18/22 10:15	11/28/22 22:50	1
PCB-1262	ND		19	6.6	ug/Kg	☼	11/18/22 10:15	11/28/22 22:50	1
PCB-1268	ND		19	2.5	ug/Kg	☼	11/18/22 10:15	11/28/22 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*77*		*63 - 138*	*11/18/22 10:15*	*11/28/22 22:50*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*63 - 138*	*11/18/22 10:15*	*11/28/22 22:50*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*11/18/22 10:15*	*11/28/22 22:50*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*55 - 135*	*11/18/22 10:15*	*11/28/22 22:50*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7900**		20	5.3	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Antimony	ND		2.0	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Arsenic	**5.6**		1.5	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Barium	**57**		20	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1

Client Sample ID: SSHS-IRM5A2-SCV18-0.5-1 — Lab Sample ID: 180-147956-7

Date Collected: 11/15/22 13:30 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 87.1**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.35	J	0.49	0.053	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Cadmium	0.11	J	0.49	0.048	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Calcium	1600		490	36	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Chromium	9.5		0.99	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Cobalt	6.5		0.99	0.20	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Copper	17		2.5	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Iron	15000		20	6.9	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Lead	17		0.99	0.28	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Magnesium	2000		490	46	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Manganese	360		1.5	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Nickel	15		4.0	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Potassium	750		490	78	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Selenium	ND		2.0	0.46	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Silver	ND		0.99	0.080	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Sodium	ND		490	62	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Thallium	ND		2.0	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Vanadium	12		4.9	0.81	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1
Zinc	76		4.9	1.4	mg/Kg	☼	11/16/22 15:00	11/17/22 16:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051	J	0.12	0.021	mg/Kg	☼	11/16/22 15:00	11/17/22 12:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.9		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	87.1		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1 — Lab Sample ID: 180-147956-8

Date Collected: 11/15/22 13:35 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 87.8**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F1 F2	4.9	4.7	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Benzene	ND		0.82	0.21	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Bromoform	ND	F1 *-	0.82	0.35	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Bromomethane	ND		1.6	0.82	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
2-Butanone (MEK)	ND		4.1	0.30	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Carbon disulfide	ND		0.82	0.22	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Carbon tetrachloride	ND	F1	0.82	0.32	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Chlorobenzene	ND	F1	0.82	0.15	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Chlorobromomethane	ND		0.82	0.23	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Chlorodibromomethane	ND	F1 *-	0.82	0.16	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Chloroethane	ND		0.82	0.43	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Chloroform	ND		0.82	0.80	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Chloromethane	ND		0.82	0.36	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
cis-1,2-Dichloroethene	ND	F1	0.82	0.29	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
cis-1,3-Dichloropropene	ND	F1	0.82	0.22	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Cyclohexane	ND		0.82	0.18	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1 **Lab Sample ID: 180-147956-8**
Date Collected: 11/15/22 13:35 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.8**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND	F1 F2	0.82	0.38	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,2-Dibromoethane	ND	F1	0.82	0.15	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,2-Dichlorobenzene	ND	F1 F2	0.82	0.30	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,3-Dichlorobenzene	ND	F1	0.82	0.30	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,4-Dichlorobenzene	ND	F1 F2	0.82	0.18	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Dichlorobromomethane	ND	F1	0.82	0.21	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Dichlorodifluoromethane	ND		0.82	0.28	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,1-Dichloroethane	ND		0.82	0.17	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,2-Dichloroethane	ND	F1	0.82	0.24	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,1-Dichloroethene	ND		0.82	0.18	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,2-Dichloroethene, Total	ND	F1	1.6	0.31	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,2-Dichloropropane	ND		0.82	0.35	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,4-Dioxane	ND		82	7.5	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Ethylbenzene	ND	F1	0.82	0.16	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
2-Hexanone	ND	F1	4.1	1.4	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Isopropylbenzene	ND	F1	0.82	0.23	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Methyl acetate	ND	F1	4.1	3.5	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Methylcyclohexane	ND		0.82	0.41	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Methylene Chloride	ND		1.6	0.94	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
4-Methyl-2-pentanone (MIBK)	ND		4.1	1.3	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Methyl tert-butyl ether	ND		0.82	0.42	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
m-Xylene & p-Xylene	ND	F1	0.82	0.14	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
o-Xylene	ND	F1	0.82	0.16	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Styrene	ND	F1	0.82	0.23	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,1,2,2-Tetrachloroethane	ND	F1	0.82	0.18	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Tetrachloroethene	ND	F1	0.82	0.25	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Toluene	**0.26**	**J F1**	0.82	0.19	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
trans-1,2-Dichloroethene	ND	F1	0.82	0.20	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
trans-1,3-Dichloropropene	ND	F1 *-	0.82	0.22	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,2,3-Trichlorobenzene	ND	F1 F2	0.82	0.15	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,2,4-Trichlorobenzene	ND	F1 F2	0.82	0.29	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,1,1-Trichloroethane	ND	F1	0.82	0.19	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,1,2-Trichloroethane	ND	F1	0.82	0.15	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Trichloroethene	ND	F1	0.82	0.26	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Trichlorofluoromethane	ND		0.82	0.33	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.82	0.25	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Vinyl chloride	ND		0.82	0.45	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1
Xylenes, Total	ND	F1	1.6	0.14	ug/Kg	☼	11/17/22 16:35	11/20/22 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*	*11/17/22 16:35*	*11/20/22 22:37*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 139*	*11/17/22 16:35*	*11/20/22 22:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 145*	*11/17/22 16:35*	*11/20/22 22:37*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/17/22 16:35*	*11/20/22 22:37*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	F2	380	11	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Acenaphthylene	ND	F2	380	11	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Acetophenone	ND	F2	380	18	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1 **Lab Sample ID: 180-147956-8**
Date Collected: 11/15/22 13:35 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.8**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND	F2	380	11	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Atrazine	ND	F1 F2	150	22	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Benzaldehyde	ND	F2	380	62	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Benzo[a]anthracene	ND	F2	38	13	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Benzo[a]pyrene	ND	F1 F2	38	10	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Benzo[b]fluoranthene	ND	F2	38	9.7	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Benzo[g,h,i]perylene	ND	F2	380	11	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Benzo[k]fluoranthene	ND	F2	38	7.4	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
1,1'-Biphenyl	ND	F2	380	13	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Bis(2-chloroethoxy)methane	ND	F2	380	29	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Bis(2-chloroethyl)ether	ND	F2	38	13	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Bis(2-ethylhexyl) phthalate	ND	F2	380	20	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
4-Bromophenyl phenyl ether	ND	F2	380	15	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Butyl benzyl phthalate	ND	F2	380	18	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Caprolactam	ND	F1 F2	380	59	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Carbazole	ND	F2	380	14	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
4-Chloroaniline	ND	F2	380	67	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
4-Chloro-3-methylphenol	ND	F2	380	21	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2-Chloronaphthalene	ND	F2	380	17	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2-Chlorophenol	ND	F2	380	13	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
4-Chlorophenyl phenyl ether	ND	F2	380	13	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Chrysene	ND	F2	380	6.4	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Dibenz(a,h)anthracene	ND	F2	38	16	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Dibenzofuran	ND	F2	380	13	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
3,3'-Dichlorobenzidine	ND	F2	150	57	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2,4-Dichlorophenol	ND	F2	150	24	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Diethyl phthalate	ND	F2	380	12	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2,4-Dimethylphenol	ND	F2	380	45	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Dimethyl phthalate	ND	F2	380	85	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Di-n-butyl phthalate	ND	F2	380	14	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
4,6-Dinitro-2-methylphenol	ND	F2	300	150	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2,4-Dinitrophenol	ND	F2	300	180	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2,4-Dinitrotoluene	ND	F2	76	40	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2,6-Dinitrotoluene	ND	F2	76	27	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Di-n-octyl phthalate	ND	F2	380	20	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
1,4-Dioxane	ND	F2	38	33	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Fluoranthene	ND	F2	380	13	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Fluorene	ND	F2	380	11	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Hexachlorobenzene	ND	F2	38	18	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Hexachlorobutadiene	ND	F1 F2	76	8.0	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Hexachlorocyclopentadiene	ND	F2	380	33	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Hexachloroethane	ND	F2	38	13	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Indeno[1,2,3-cd]pyrene	ND	F2	38	15	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Isophorone	ND	F2	150	110	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2-Methylnaphthalene	ND	F1 F2	380	11	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2-Methylphenol	ND	F2	380	14	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Methylphenol, 3 & 4	ND	F2	380	24	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Naphthalene	ND	F2	380	6.5	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2-Nitroaniline	ND	F2	380	29	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1

Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1 Lab Sample ID: 180-147956-8

Date Collected: 11/15/22 13:35 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 87.8**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND	F2	380	89	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
4-Nitroaniline	ND	F2	380	43	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Nitrobenzene	ND	F2	38	21	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2-Nitrophenol	ND	F2	380	38	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
4-Nitrophenol	ND	F2	760	61	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
N-Nitrosodi-n-propylamine	ND	F2	38	27	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
N-Nitrosodiphenylamine	ND	F2	380	31	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2,2'-oxybis[1-chloropropane]	ND	F2	380	6.8	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Pentachlorophenol	ND	F2	300	77	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Phenanthrene	ND	F2	380	6.6	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Phenol	ND	F2	380	14	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
Pyrene	ND	F2	380	9.4	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
1,2,4,5-Tetrachlorobenzene	ND	F2	380	12	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2,3,4,6-Tetrachlorophenol	ND	F2	380	25	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2,4,5-Trichlorophenol	ND	F2	380	38	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1
2,4,6-Trichlorophenol	ND	F2	150	48	ug/Kg	☼	11/17/22 22:33	11/18/22 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*22 - 122*	*11/17/22 22:33*	*11/18/22 09:36*	*1*
2-Fluorophenol (Surr)	*64*		*18 - 123*	*11/17/22 22:33*	*11/18/22 09:36*	*1*
Nitrobenzene-d5 (Surr)	*69*		*16 - 125*	*11/17/22 22:33*	*11/18/22 09:36*	*1*
Phenol-d5 (Surr)	*72*		*23 - 120*	*11/17/22 22:33*	*11/18/22 09:36*	*1*
Terphenyl-d14 (Surr)	*82*		*25 - 126*	*11/17/22 22:33*	*11/18/22 09:36*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 123*	*11/17/22 22:33*	*11/18/22 09:36*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	11/18/22 10:15	11/28/22 18:25	1
PCB-1221	ND		19	6.6	ug/Kg	☼	11/18/22 10:15	11/28/22 18:25	1
PCB-1232	ND		19	4.6	ug/Kg	☼	11/18/22 10:15	11/28/22 18:25	1
PCB-1242	ND		19	2.7	ug/Kg	☼	11/18/22 10:15	11/28/22 18:25	1
PCB-1248	**20**		19	4.5	ug/Kg	☼	11/18/22 10:15	11/28/22 18:25	1
PCB-1254	**9.3**	**J**	19	5.6	ug/Kg	☼	11/18/22 10:15	11/28/22 18:25	1
PCB-1260	ND		19	5.3	ug/Kg	☼	11/18/22 10:15	11/28/22 18:25	1
PCB-1262	ND		19	6.6	ug/Kg	☼	11/18/22 10:15	11/28/22 18:25	1
PCB-1268	ND		19	2.5	ug/Kg	☼	11/18/22 10:15	11/28/22 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*11/18/22 10:15*	*11/28/22 18:25*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*11/18/22 10:15*	*11/28/22 18:25*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*	*11/18/22 10:15*	*11/28/22 18:25*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*11/18/22 10:15*	*11/28/22 18:25*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8900**		19	5.2	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Antimony	ND	F1	1.9	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Arsenic	**6.0**		1.4	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Barium	**76**		19	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Beryllium	**0.40**	**J**	0.48	0.052	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1

Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1 — Lab Sample ID: 180-147956-8

Date Collected: 11/15/22 13:35 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 87.8**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.075	J	0.48	0.046	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Calcium	1300		480	35	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Chromium	9.4		0.97	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Cobalt	6.0		0.97	0.19	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Copper	15		2.4	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Iron	15000		19	6.7	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Lead	15	F1	0.97	0.27	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Magnesium	1900		480	44	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Manganese	440		1.4	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Nickel	13		3.9	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Potassium	440	J	480	77	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Selenium	0.49	J	1.9	0.45	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Silver	ND		0.97	0.078	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Sodium	ND		480	61	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Thallium	ND		1.9	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Vanadium	13		4.8	0.79	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1
Zinc	52		4.8	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 15:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041	J	0.11	0.020	mg/Kg	☼	11/16/22 15:00	11/17/22 11:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.2		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	87.8		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV16-0-0.5 — Lab Sample ID: 180-147956-9

Date Collected: 11/15/22 13:40 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 88.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.9	5.6	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Benzene	ND		0.98	0.25	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Bromoform	ND	*-	0.98	0.42	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Bromomethane	ND		2.0	0.98	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
2-Butanone (MEK)	ND		4.9	0.36	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Carbon disulfide	ND		0.98	0.26	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Carbon tetrachloride	ND		0.98	0.38	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Chlorobenzene	ND		0.98	0.17	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Chlorobromomethane	ND		0.98	0.28	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Chlorodibromomethane	ND	*-	0.98	0.19	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Chloroethane	ND		0.98	0.51	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Chloroform	ND		0.98	0.96	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Chloromethane	ND		0.98	0.43	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
cis-1,2-Dichloroethene	ND		0.98	0.35	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
cis-1,3-Dichloropropene	ND		0.98	0.27	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Cyclohexane	ND		0.98	0.22	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,2-Dibromo-3-Chloropropane	ND		0.98	0.45	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1

Client Sample ID: SSHS-IRM5A2-SCV16-0-0.5 Lab Sample ID: 180-147956-9

Date Collected: 11/15/22 13:40 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 88.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.98	0.18	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,2-Dichlorobenzene	ND		0.98	0.36	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,3-Dichlorobenzene	ND		0.98	0.36	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,4-Dichlorobenzene	ND		0.98	0.22	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Dichlorobromomethane	ND		0.98	0.25	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Dichlorodifluoromethane	ND		0.98	0.33	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,1-Dichloroethane	ND		0.98	0.20	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,2-Dichloroethane	ND		0.98	0.29	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,1-Dichloroethene	ND		0.98	0.22	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,2-Dichloropropane	ND		0.98	0.42	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,4-Dioxane	ND		98	9.0	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Ethylbenzene	ND		0.98	0.20	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
2-Hexanone	ND		4.9	1.7	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Isopropylbenzene	ND		0.98	0.28	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Methyl acetate	ND		4.9	4.2	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Methylcyclohexane	ND		0.98	0.49	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Methylene Chloride	ND		2.0	1.1	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
4-Methyl-2-pentanone (MIBK)	ND		4.9	1.5	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Methyl tert-butyl ether	ND		0.98	0.50	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
m-Xylene & p-Xylene	ND		0.98	0.17	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
o-Xylene	ND		0.98	0.19	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Styrene	ND		0.98	0.27	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,1,2,2-Tetrachloroethane	ND		0.98	0.21	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Tetrachloroethene	ND		0.98	0.30	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Toluene	ND		0.98	0.23	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
trans-1,2-Dichloroethene	ND		0.98	0.24	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
trans-1,3-Dichloropropene	ND	*-	0.98	0.26	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,2,3-Trichlorobenzene	ND		0.98	0.18	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,2,4-Trichlorobenzene	ND		0.98	0.35	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,1,1-Trichloroethane	ND		0.98	0.23	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,1,2-Trichloroethane	ND		0.98	0.18	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Trichloroethene	ND		0.98	0.32	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Trichlorofluoromethane	ND		0.98	0.40	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.98	0.30	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Vinyl chloride	ND		0.98	0.54	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1
Xylenes, Total	ND		2.0	0.17	ug/Kg	☼	11/17/22 16:37	11/20/22 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*75 - 139*	*11/17/22 16:37*	*11/20/22 22:59*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*	*11/17/22 16:37*	*11/20/22 22:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 145*	*11/17/22 16:37*	*11/20/22 22:59*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/17/22 16:37*	*11/20/22 22:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Acenaphthylene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Acetophenone	ND		370	18	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Anthracene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1

Client Sample ID: SSHS-IRM5A2-SCV16-0-0.5 **Lab Sample ID: 180-147956-9**
Date Collected: 11/15/22 13:40 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 88.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		150	22	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Benzaldehyde	ND		370	62	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Benzo[a]anthracene	**19**	**J**	37	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Benzo[a]pyrene	**14**	**J**	37	10	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Benzo[b]fluoranthene	**19**	**J**	37	9.7	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Benzo[g,h,i]perylene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Benzo[k]fluoranthene	**8.5**	**J**	37	7.3	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Bis(2-ethylhexyl) phthalate	ND		370	20	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Butyl benzyl phthalate	ND		370	18	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Caprolactam	ND		370	58	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Carbazole	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
4-Chloroaniline	ND		370	66	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Chrysene	**14**	**J**	370	6.3	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Dibenz(a,h)anthracene	ND		37	16	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Dibenzofuran	ND		370	12	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
3,3'-Dichlorobenzidine	ND		150	56	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2,4-Dimethylphenol	ND		370	45	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Dimethyl phthalate	ND		370	85	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Di-n-butyl phthalate	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2,4-Dinitrophenol	ND		300	180	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2,4-Dinitrotoluene	ND		76	40	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2,6-Dinitrotoluene	ND		76	27	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Di-n-octyl phthalate	ND	*+	370	20	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
1,4-Dioxane	ND		37	33	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Fluoranthene	**26**	**J**	370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Fluorene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Hexachlorobenzene	ND		37	18	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Hexachlorobutadiene	ND		76	8.0	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Hexachlorocyclopentadiene	ND		370	33	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Indeno[1,2,3-cd]pyrene	ND		37	15	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2-Methylnaphthalene	ND		370	10	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Methylphenol, 3 & 4	ND		370	23	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Naphthalene	ND		370	6.5	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
3-Nitroaniline	ND		370	89	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1

Client Sample ID: SSHS-IRM5A2-SCV16-0-0.5 Lab Sample ID: 180-147956-9

Date Collected: 11/15/22 13:40 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 88.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		370	43	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Nitrobenzene	ND		37	21	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2-Nitrophenol	ND		370	37	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
4-Nitrophenol	ND		760	61	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
N-Nitrosodiphenylamine	ND		370	31	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2,2'-oxybis[1-chloropropane]	ND		370	6.8	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Pentachlorophenol	ND		300	77	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Phenanthrene	**15**	**J**	370	6.6	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Phenol	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
Pyrene	**24**	**J**	370	9.3	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
1,2,4,5-Tetrachlorobenzene	ND		370	12	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2,4,5-Trichlorophenol	ND		370	38	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	11/17/22 22:32	11/18/22 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*22 - 122*	*11/17/22 22:32*	*11/18/22 16:45*	*1*
2-Fluorophenol (Surr)	*69*		*18 - 123*	*11/17/22 22:32*	*11/18/22 16:45*	*1*
Nitrobenzene-d5 (Surr)	*80*		*16 - 125*	*11/17/22 22:32*	*11/18/22 16:45*	*1*
Phenol-d5 (Surr)	*79*		*23 - 120*	*11/17/22 22:32*	*11/18/22 16:45*	*1*
Terphenyl-d14 (Surr)	*87*		*25 - 126*	*11/17/22 22:32*	*11/18/22 16:45*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 123*	*11/17/22 22:32*	*11/18/22 16:45*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	11/18/22 10:15	11/28/22 23:09	1
PCB-1221	ND		18	6.5	ug/Kg	☼	11/18/22 10:15	11/28/22 23:09	1
PCB-1232	ND		18	4.5	ug/Kg	☼	11/18/22 10:15	11/28/22 23:09	1
PCB-1242	ND		18	2.7	ug/Kg	☼	11/18/22 10:15	11/28/22 23:09	1
PCB-1248	**12**	**J**	18	4.4	ug/Kg	☼	11/18/22 10:15	11/28/22 23:09	1
PCB-1254	**12**	**J**	18	5.5	ug/Kg	☼	11/18/22 10:15	11/28/22 23:09	1
PCB-1260	ND		18	5.2	ug/Kg	☼	11/18/22 10:15	11/28/22 23:09	1
PCB-1262	ND		18	6.4	ug/Kg	☼	11/18/22 10:15	11/28/22 23:09	1
PCB-1268	ND		18	2.5	ug/Kg	☼	11/18/22 10:15	11/28/22 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*11/18/22 10:15*	*11/28/22 23:09*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*63 - 138*	*11/18/22 10:15*	*11/28/22 23:09*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*55 - 135*	*11/18/22 10:15*	*11/28/22 23:09*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*55 - 135*	*11/18/22 10:15*	*11/28/22 23:09*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8500**		20	5.2	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Antimony	ND		2.0	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Arsenic	**6.5**		1.5	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Barium	**75**		20	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Beryllium	**0.39**	**J**	0.49	0.053	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Cadmium	**0.12**	**J**	0.49	0.047	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1

Client Sample ID: SSHS-IRM5A2-SCV16-0-0.5 — Lab Sample ID: 180-147956-9

Date Collected: 11/15/22 13:40 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 88.0**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	1600		490	36	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Chromium	11		0.98	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Cobalt	7.3		0.98	0.20	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Copper	16		2.4	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Iron	17000		20	6.8	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Lead	28		0.98	0.28	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Magnesium	2300		490	45	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Manganese	400		1.5	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Nickel	17		3.9	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Potassium	830		490	78	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Selenium	ND		2.0	0.46	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Silver	ND		0.98	0.079	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Sodium	ND		490	61	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Thallium	ND		2.0	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Vanadium	12		4.9	0.81	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1
Zinc	98		4.9	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 17:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047	J	0.10	0.019	mg/Kg	☼	11/16/22 15:00	11/17/22 12:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.0		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	88.0		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV16-0.5-1 — Lab Sample ID: 180-147956-10

Date Collected: 11/15/22 13:45 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Benzene	ND		0.99	0.26	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Bromoform	ND	*-	0.99	0.42	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Bromomethane	ND		2.0	0.99	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Carbon disulfide	ND		0.99	0.26	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Carbon tetrachloride	ND		0.99	0.38	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Chlorobenzene	ND		0.99	0.18	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Chlorobromomethane	ND		0.99	0.28	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Chlorodibromomethane	ND	*-	0.99	0.19	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Chloroethane	ND		0.99	0.52	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Chloroform	ND		0.99	0.96	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Chloromethane	ND		0.99	0.43	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
cis-1,2-Dichloroethene	ND		0.99	0.36	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
cis-1,3-Dichloropropene	ND		0.99	0.27	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Cyclohexane	ND		0.99	0.22	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,2-Dibromo-3-Chloropropane	ND		0.99	0.46	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,2-Dibromoethane	ND		0.99	0.18	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1

Client Sample ID: SSHS-IRM5A2-SCV16-0.5-1 **Lab Sample ID: 180-147956-10**
Date Collected: 11/15/22 13:45 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		0.99	0.36	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,3-Dichlorobenzene	ND		0.99	0.36	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,4-Dichlorobenzene	ND		0.99	0.22	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Dichlorobromomethane	ND		0.99	0.26	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Dichlorodifluoromethane	ND		0.99	0.34	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,1-Dichloroethane	ND		0.99	0.20	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,2-Dichloroethane	ND		0.99	0.29	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,1-Dichloroethene	ND		0.99	0.22	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,2-Dichloropropane	ND		0.99	0.42	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,4-Dioxane	ND		99	9.1	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Ethylbenzene	ND		0.99	0.20	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
2-Hexanone	ND		5.0	1.7	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Isopropylbenzene	ND		0.99	0.28	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Methyl acetate	ND		5.0	4.3	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Methylcyclohexane	ND		0.99	0.50	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Methylene Chloride	ND		2.0	1.1	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.5	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Methyl tert-butyl ether	ND		0.99	0.51	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
m-Xylene & p-Xylene	ND		0.99	0.17	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
o-Xylene	ND		0.99	0.19	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Styrene	ND		0.99	0.28	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,1,2,2-Tetrachloroethane	ND		0.99	0.21	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Tetrachloroethene	ND		0.99	0.30	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Toluene	ND		0.99	0.23	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
trans-1,2-Dichloroethene	ND		0.99	0.24	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
trans-1,3-Dichloropropene	ND	*-	0.99	0.26	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,2,3-Trichlorobenzene	ND		0.99	0.18	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,2,4-Trichlorobenzene	ND		0.99	0.36	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,1,1-Trichloroethane	ND		0.99	0.23	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,1,2-Trichloroethane	ND		0.99	0.18	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Trichloroethene	ND		0.99	0.32	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Trichlorofluoromethane	ND		0.99	0.40	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.99	0.30	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Vinyl chloride	ND		0.99	0.54	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1
Xylenes, Total	ND		2.0	0.17	ug/Kg	☼	11/17/22 16:37	11/20/22 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*	*11/17/22 16:37*	*11/20/22 23:22*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*	*11/17/22 16:37*	*11/20/22 23:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 145*	*11/17/22 16:37*	*11/20/22 23:22*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/17/22 16:37*	*11/20/22 23:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	10	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Acenaphthylene	ND		370	10	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Acetophenone	ND		370	18	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Anthracene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Atrazine	ND		150	22	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV16-0.5-1 **Lab Sample ID: 180-147956-10**
Date Collected: 11/15/22 13:45 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		370	61	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Benzo[a]anthracene	ND		37	13	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Benzo[a]pyrene	ND		37	9.8	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Benzo[b]fluoranthene	ND		37	9.5	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Benzo[g,h,i]perylene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Benzo[k]fluoranthene	ND		37	7.2	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Bis(2-ethylhexyl) phthalate	ND		370	19	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Butyl benzyl phthalate	ND		370	17	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Caprolactam	ND		370	57	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Carbazole	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
4-Chloroaniline	ND		370	65	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Chrysene	ND		370	6.2	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Dibenz(a,h)anthracene	ND		37	16	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Dibenzofuran	ND		370	12	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2,4-Dimethylphenol	ND		370	44	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Dimethyl phthalate	ND		370	83	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Di-n-butyl phthalate	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2,4-Dinitrotoluene	ND		74	39	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2,6-Dinitrotoluene	ND		74	26	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Di-n-octyl phthalate	ND	*+	370	19	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
1,4-Dioxane	ND		37	32	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Fluoranthene	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Fluorene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Hexachlorobenzene	ND		37	17	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Hexachlorobutadiene	ND		74	7.8	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Hexachlorocyclopentadiene	ND		370	32	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Indeno[1,2,3-cd]pyrene	ND		37	14	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2-Methylnaphthalene	ND		370	10	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Methylphenol, 3 & 4	ND		370	23	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Naphthalene	ND		370	6.3	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
3-Nitroaniline	ND		370	87	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
4-Nitroaniline	ND		370	42	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1

Client Sample ID: SSHS-IRM5A2-SCV16-0.5-1 **Lab Sample ID: 180-147956-10**
Date Collected: 11/15/22 13:45 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		37	20	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2-Nitrophenol	ND		370	37	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
4-Nitrophenol	ND		740	60	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
N-Nitrosodiphenylamine	ND		370	30	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2,2'-oxybis[1-chloropropane]	ND		370	6.6	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Pentachlorophenol	ND		290	75	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Phenanthrene	ND		370	6.4	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Phenol	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
Pyrene	ND		370	9.1	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
1,2,4,5-Tetrachlorobenzene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2,4,5-Trichlorophenol	ND		370	37	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/17/22 22:32	11/18/22 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*22 - 122*	*11/17/22 22:32*	*11/18/22 11:49*	*1*
2-Fluorophenol (Surr)	*67*		*18 - 123*	*11/17/22 22:32*	*11/18/22 11:49*	*1*
Nitrobenzene-d5 (Surr)	*78*		*16 - 125*	*11/17/22 22:32*	*11/18/22 11:49*	*1*
Phenol-d5 (Surr)	*75*		*23 - 120*	*11/17/22 22:32*	*11/18/22 11:49*	*1*
Terphenyl-d14 (Surr)	*84*		*25 - 126*	*11/17/22 22:32*	*11/18/22 11:49*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*10 - 123*	*11/17/22 22:32*	*11/18/22 11:49*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	11/18/22 10:15	11/28/22 23:28	1
PCB-1221	ND		18	6.5	ug/Kg	☼	11/18/22 10:15	11/28/22 23:28	1
PCB-1232	ND		18	4.5	ug/Kg	☼	11/18/22 10:15	11/28/22 23:28	1
PCB-1242	ND		18	2.7	ug/Kg	☼	11/18/22 10:15	11/28/22 23:28	1
PCB-1248	ND		18	4.4	ug/Kg	☼	11/18/22 10:15	11/28/22 23:28	1
PCB-1254	ND		18	5.5	ug/Kg	☼	11/18/22 10:15	11/28/22 23:28	1
PCB-1260	ND		18	5.2	ug/Kg	☼	11/18/22 10:15	11/28/22 23:28	1
PCB-1262	ND		18	6.5	ug/Kg	☼	11/18/22 10:15	11/28/22 23:28	1
PCB-1268	ND		18	2.5	ug/Kg	☼	11/18/22 10:15	11/28/22 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*63 - 138*	*11/18/22 10:15*	*11/28/22 23:28*	*1*
DCB Decachlorobiphenyl (Surr)	*71*		*63 - 138*	*11/18/22 10:15*	*11/28/22 23:28*	*1*
Tetrachloro-m-xylene (Surr)	*81*		*55 - 135*	*11/18/22 10:15*	*11/28/22 23:28*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*55 - 135*	*11/18/22 10:15*	*11/28/22 23:28*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6900**		19	5.2	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Antimony	ND		1.9	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Arsenic	**5.7**		1.5	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Barium	**44**		19	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Beryllium	**0.31**	**J**	0.49	0.052	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Cadmium	**0.048**	**J**	0.49	0.047	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Calcium	**770**		490	35	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1

Client Sample ID: SSHS-IRM5A2-SCV16-0.5-1 Lab Sample ID: 180-147956-10

Date Collected: 11/15/22 13:45 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.3**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	8.4		0.97	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Cobalt	6.1		0.97	0.19	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Copper	17		2.4	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Iron	15000		19	6.7	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Lead	8.9		0.97	0.27	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Magnesium	1900		490	45	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Manganese	350		1.5	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Nickel	15		3.9	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Potassium	550		490	77	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Selenium	ND		1.9	0.46	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Silver	ND		0.97	0.079	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Sodium	ND		490	61	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Thallium	ND		1.9	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Vanadium	11		4.9	0.80	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1
Zinc	53		4.9	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 17:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030	J	0.11	0.019	mg/Kg	☼	11/16/22 15:00	11/17/22 12:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.7		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	90.3		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV15-0.5-1 Lab Sample ID: 180-147956-11

Date Collected: 11/15/22 13:50 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 93.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.6	5.4	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Benzene	ND		0.94	0.24	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Bromoform	ND	*-	0.94	0.40	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Bromomethane	ND		1.9	0.94	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
2-Butanone (MEK)	ND		4.7	0.35	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Carbon disulfide	ND		0.94	0.25	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Carbon tetrachloride	ND		0.94	0.36	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Chlorobenzene	ND		0.94	0.17	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Chlorobromomethane	ND		0.94	0.26	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Chlorodibromomethane	ND	*-	0.94	0.18	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Chloroethane	ND		0.94	0.49	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Chloroform	ND		0.94	0.91	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Chloromethane	ND		0.94	0.41	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
cis-1,2-Dichloroethene	ND		0.94	0.34	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
cis-1,3-Dichloropropene	ND		0.94	0.26	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Cyclohexane	ND		0.94	0.21	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,2-Dibromo-3-Chloropropane	ND		0.94	0.43	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,2-Dibromoethane	ND		0.94	0.17	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,2-Dichlorobenzene	ND		0.94	0.34	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1

Client Sample ID: SSHS-IRM5A2-SCV15-0.5-1 **Lab Sample ID: 180-147956-11**
Date Collected: 11/15/22 13:50 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 93.4**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.94	0.34	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,4-Dichlorobenzene	ND		0.94	0.21	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Dichlorobromomethane	ND		0.94	0.24	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Dichlorodifluoromethane	ND		0.94	0.32	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,1-Dichloroethane	ND		0.94	0.19	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,2-Dichloroethane	ND		0.94	0.28	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,1-Dichloroethene	ND		0.94	0.21	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,2-Dichloroethene, Total	ND		1.9	0.36	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,2-Dichloropropane	ND		0.94	0.40	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,4-Dioxane	ND		94	8.6	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Ethylbenzene	ND		0.94	0.19	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
2-Hexanone	ND		4.7	1.6	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Isopropylbenzene	ND		0.94	0.27	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Methyl acetate	ND		4.7	4.0	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Methylcyclohexane	ND		0.94	0.47	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Methylene Chloride	ND		1.9	1.1	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
4-Methyl-2-pentanone (MIBK)	ND		4.7	1.5	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Methyl tert-butyl ether	ND		0.94	0.48	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
m-Xylene & p-Xylene	ND		0.94	0.16	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
o-Xylene	ND		0.94	0.18	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Styrene	ND		0.94	0.26	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,1,2,2-Tetrachloroethane	ND		0.94	0.20	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Tetrachloroethene	ND		0.94	0.29	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Toluene	ND		0.94	0.22	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
trans-1,2-Dichloroethene	ND		0.94	0.23	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
trans-1,3-Dichloropropene	ND	*-	0.94	0.25	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,2,3-Trichlorobenzene	ND		0.94	0.17	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,2,4-Trichlorobenzene	ND		0.94	0.34	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,1,1-Trichloroethane	ND		0.94	0.22	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,1,2-Trichloroethane	ND		0.94	0.17	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Trichloroethene	ND		0.94	0.30	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Trichlorofluoromethane	ND		0.94	0.38	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.94	0.28	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Vinyl chloride	ND		0.94	0.51	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1
Xylenes, Total	ND		1.9	0.16	ug/Kg	☼	11/17/22 16:38	11/20/22 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*75 - 139*	*11/17/22 16:38*	*11/20/22 23:45*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 139*	*11/17/22 16:38*	*11/20/22 23:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*	*11/17/22 16:38*	*11/20/22 23:45*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/17/22 16:38*	*11/20/22 23:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		350	10	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Acenaphthylene	**56**	**J**	350	10	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Acetophenone	ND		350	17	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Anthracene	**23**	**J**	350	11	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Atrazine	ND		140	21	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Benzaldehyde	ND		350	58	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1

Client Sample ID: SSHS-IRM5A2-SCV15-0.5-1 **Lab Sample ID: 180-147956-11**
Date Collected: 11/15/22 13:50 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 93.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**290**		35	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Benzo[a]pyrene	**290**		35	9.4	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Benzo[b]fluoranthene	**410**		35	9.2	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Benzo[g,h,i]perylene	**180**	**J**	350	10	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Benzo[k]fluoranthene	**170**		35	6.9	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
1,1'-Biphenyl	ND		350	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Bis(2-chloroethoxy)methane	ND		350	28	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Bis(2-chloroethyl)ether	ND		35	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Bis(2-ethylhexyl) phthalate	ND		350	19	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
4-Bromophenyl phenyl ether	ND		350	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Butyl benzyl phthalate	ND		350	17	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Caprolactam	ND		350	55	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Carbazole	ND		350	13	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
4-Chloroaniline	ND		350	63	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
4-Chloro-3-methylphenol	ND		350	20	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2-Chloronaphthalene	ND		350	16	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2-Chlorophenol	ND		350	13	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
4-Chlorophenyl phenyl ether	ND		350	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Chrysene	**340**	**J**	350	6.0	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Dibenz(a,h)anthracene	**53**		35	15	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Dibenzofuran	ND		350	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
3,3'-Dichlorobenzidine	ND		140	53	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Diethyl phthalate	ND		350	11	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2,4-Dimethylphenol	ND		350	42	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Dimethyl phthalate	ND		350	80	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Di-n-butyl phthalate	**22**	**J**	350	13	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
4,6-Dinitro-2-methylphenol	ND		280	140	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2,4-Dinitrophenol	ND		280	170	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2,4-Dinitrotoluene	ND		72	38	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2,6-Dinitrotoluene	ND		72	26	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Di-n-octyl phthalate	ND	*+	350	19	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
1,4-Dioxane	ND		35	31	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Fluoranthene	**410**		350	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Fluorene	ND		350	10	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Hexachlorobenzene	ND		35	17	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Hexachlorobutadiene	ND		72	7.5	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Hexachlorocyclopentadiene	ND		350	31	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Hexachloroethane	ND		35	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Indeno[1,2,3-cd]pyrene	**200**		35	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Isophorone	ND		140	100	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2-Methylnaphthalene	ND		350	9.9	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2-Methylphenol	ND		350	13	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Methylphenol, 3 & 4	ND		350	22	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Naphthalene	**14**	**J**	350	6.1	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2-Nitroaniline	ND		350	27	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
3-Nitroaniline	ND		350	84	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
4-Nitroaniline	ND		350	41	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Nitrobenzene	ND		35	20	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1

Client Sample ID: SSHS-IRM5A2-SCV15-0.5-1 **Lab Sample ID: 180-147956-11**
Date Collected: 11/15/22 13:50 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 93.4**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		350	35	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
4-Nitrophenol	ND		720	58	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
N-Nitrosodi-n-propylamine	ND		35	26	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
N-Nitrosodiphenylamine	ND		350	29	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2,2'-oxybis[1-chloropropane]	ND		350	6.4	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Pentachlorophenol	ND		280	73	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Phenanthrene	**110**	**J**	350	6.2	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Phenol	ND		350	13	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
Pyrene	**450**		350	8.8	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
1,2,4,5-Tetrachlorobenzene	ND		350	11	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2,3,4,6-Tetrachlorophenol	ND		350	24	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2,4,5-Trichlorophenol	ND		350	36	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1
2,4,6-Trichlorophenol	ND		140	45	ug/Kg	☼	11/17/22 22:32	11/18/22 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*22 - 122*	*11/17/22 22:32*	*11/18/22 17:08*	*1*
2-Fluorophenol (Surr)	*62*		*18 - 123*	*11/17/22 22:32*	*11/18/22 17:08*	*1*
Nitrobenzene-d5 (Surr)	*75*		*16 - 125*	*11/17/22 22:32*	*11/18/22 17:08*	*1*
Phenol-d5 (Surr)	*72*		*23 - 120*	*11/17/22 22:32*	*11/18/22 17:08*	*1*
Terphenyl-d14 (Surr)	*85*		*25 - 126*	*11/17/22 22:32*	*11/18/22 17:08*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 123*	*11/17/22 22:32*	*11/18/22 17:08*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/18/22 10:15	11/28/22 23:47	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/18/22 10:15	11/28/22 23:47	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/18/22 10:15	11/28/22 23:47	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/18/22 10:15	11/28/22 23:47	1
PCB-1248	ND		18	4.3	ug/Kg	☼	11/18/22 10:15	11/28/22 23:47	1
PCB-1254	**7.2**	**J**	18	5.3	ug/Kg	☼	11/18/22 10:15	11/28/22 23:47	1
PCB-1260	ND		18	5.0	ug/Kg	☼	11/18/22 10:15	11/28/22 23:47	1
PCB-1262	ND		18	6.2	ug/Kg	☼	11/18/22 10:15	11/28/22 23:47	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/18/22 10:15	11/28/22 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*72*		*63 - 138*	*11/18/22 10:15*	*11/28/22 23:47*	*1*
DCB Decachlorobiphenyl (Surr)	*73*		*63 - 138*	*11/18/22 10:15*	*11/28/22 23:47*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*55 - 135*	*11/18/22 10:15*	*11/28/22 23:47*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*55 - 135*	*11/18/22 10:15*	*11/28/22 23:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6600**		20	5.3	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Antimony	ND		2.0	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Arsenic	**6.2**		1.5	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Barium	**59**		20	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Beryllium	**0.33**	**J**	0.50	0.054	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Cadmium	**0.13**	**J**	0.50	0.048	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Calcium	**2200**		500	36	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Chromium	**8.5**		0.99	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1

Client Sample ID: SSHS-IRM5A2-SCV15-0.5-1 — Lab Sample ID: 180-147956-11

Date Collected: 11/15/22 13:50 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 93.4**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.9		0.99	0.20	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Copper	25		2.5	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Iron	15000		20	6.9	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Lead	29		0.99	0.28	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Magnesium	2100		500	46	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Manganese	480		1.5	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Nickel	14		4.0	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Potassium	480	J	500	79	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Selenium	ND		2.0	0.47	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Silver	ND		0.99	0.080	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Sodium	ND		500	62	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Thallium	ND		2.0	0.40	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Vanadium	11		5.0	0.82	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1
Zinc	69		5.0	1.4	mg/Kg	☼	11/16/22 15:00	11/17/22 17:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.065	J	0.12	0.021	mg/Kg	☼	11/16/22 15:00	11/17/22 12:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	6.6		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	93.4		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV14-0-0.5 — Lab Sample ID: 180-147956-12

Date Collected: 11/15/22 13:55 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.6	6.3	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Benzene	ND		1.1	0.28	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Bromoform	ND	*-	1.1	0.47	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Bromomethane	ND		2.2	1.1	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
2-Butanone (MEK)	ND		5.5	0.41	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Carbon disulfide	ND		1.1	0.29	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Carbon tetrachloride	ND		1.1	0.43	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Chlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Chlorobromomethane	ND		1.1	0.31	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Chlorodibromomethane	ND	*-	1.1	0.21	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Chloroethane	ND		1.1	0.58	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Chloroform	ND		1.1	1.1	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Chloromethane	ND		1.1	0.48	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
cis-1,2-Dichloroethene	ND		1.1	0.39	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
cis-1,3-Dichloropropene	ND		1.1	0.30	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Cyclohexane	ND		1.1	0.24	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,2-Dibromo-3-Chloropropane	ND		1.1	0.51	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,2-Dibromoethane	ND		1.1	0.20	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,2-Dichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,3-Dichlorobenzene	ND		1.1	0.40	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1

Client: Geosyntec Consultants, Inc.
Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV14-0-0.5
Lab Sample ID: 180-147956-12
Date Collected: 11/15/22 13:55
Matrix: Solid
Date Received: 11/16/22 09:00
Percent Solids: 83.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.1	0.25	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Dichlorobromomethane	ND		1.1	0.28	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Dichlorodifluoromethane	ND		1.1	0.37	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,1-Dichloroethane	ND		1.1	0.23	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,2-Dichloroethane	ND		1.1	0.33	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,1-Dichloroethene	ND		1.1	0.25	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,2-Dichloroethene, Total	ND		2.2	0.42	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,2-Dichloropropane	ND		1.1	0.47	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,4-Dioxane	ND		110	10	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Ethylbenzene	ND		1.1	0.22	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
2-Hexanone	ND		5.5	1.9	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Isopropylbenzene	ND		1.1	0.31	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Methyl acetate	ND		5.5	4.7	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Methylcyclohexane	ND		1.1	0.55	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Methylene Chloride	ND		2.2	1.3	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	1.7	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Methyl tert-butyl ether	ND		1.1	0.56	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
m-Xylene & p-Xylene	ND		1.1	0.19	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
o-Xylene	ND		1.1	0.21	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Styrene	ND		1.1	0.31	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,1,2,2-Tetrachloroethane	ND		1.1	0.24	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Tetrachloroethene	ND		1.1	0.34	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Toluene	ND		1.1	0.26	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
trans-1,2-Dichloroethene	ND		1.1	0.27	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
trans-1,3-Dichloropropene	ND	*-	1.1	0.29	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,2,3-Trichlorobenzene	ND		1.1	0.20	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,2,4-Trichlorobenzene	ND		1.1	0.39	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,1,1-Trichloroethane	ND		1.1	0.26	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,1,2-Trichloroethane	ND		1.1	0.20	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Trichloroethene	ND		1.1	0.35	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Trichlorofluoromethane	ND		1.1	0.45	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.1	0.33	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Vinyl chloride	ND		1.1	0.60	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1
Xylenes, Total	ND		2.2	0.19	ug/Kg	☼	11/17/22 16:39	11/21/22 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*	*11/17/22 16:39*	*11/21/22 00:07*	*1*
Dibromofluoromethane (Surr)	*115*		*73 - 139*	*11/17/22 16:39*	*11/21/22 00:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 145*	*11/17/22 16:39*	*11/21/22 00:07*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/17/22 16:39*	*11/21/22 00:07*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	11	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Acenaphthylene	ND		400	11	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Acetophenone	ND		400	19	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Anthracene	ND		400	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Atrazine	ND		160	23	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Benzaldehyde	ND		400	65	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Benzo[a]anthracene	**44**		40	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1

Client Sample ID: SSHS-IRM5A2-SCV14-0-0.5 **Lab Sample ID: 180-147956-12**
Date Collected: 11/15/22 13:55 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**37**	**J**	40	11	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Benzo[b]fluoranthene	**56**		40	10	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Benzo[g,h,i]perylene	**23**	**J**	400	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Benzo[k]fluoranthene	**22**	**J**	40	7.8	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
1,1'-Biphenyl	ND		400	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Bis(2-chloroethoxy)methane	ND		400	31	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Bis(2-ethylhexyl) phthalate	ND		400	21	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Caprolactam	ND		400	62	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Carbazole	ND		400	15	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
4-Chloroaniline	ND		400	70	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
4-Chloro-3-methylphenol	ND		400	22	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2-Chloronaphthalene	ND		400	18	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Chrysene	**38**	**J**	400	6.7	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Dibenz(a,h)anthracene	ND		40	17	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Dibenzofuran	ND		400	13	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
3,3'-Dichlorobenzidine	ND		160	60	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2,4-Dimethylphenol	ND		400	47	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Dimethyl phthalate	ND		400	90	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Di-n-butyl phthalate	ND		400	15	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2,4-Dinitrophenol	ND		320	190	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2,4-Dinitrotoluene	ND		80	43	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2,6-Dinitrotoluene	ND		80	29	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Di-n-octyl phthalate	ND	*+	400	21	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
1,4-Dioxane	ND		40	35	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Fluoranthene	**61**	**J**	400	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Fluorene	ND		400	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Hexachlorobutadiene	ND		80	8.4	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Hexachlorocyclopentadiene	ND		400	35	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Hexachloroethane	ND		40	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Indeno[1,2,3-cd]pyrene	**27**	**J**	40	15	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Isophorone	ND		160	110	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2-Methylnaphthalene	**14**	**J**	400	11	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2-Methylphenol	ND		400	15	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Methylphenol, 3 & 4	ND		400	25	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Naphthalene	**15**	**J**	400	6.8	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
3-Nitroaniline	ND		400	94	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
4-Nitroaniline	ND		400	45	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Nitrobenzene	ND		40	22	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2-Nitrophenol	ND		400	40	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1

Client Sample ID: SSHS-IRM5A2-SCV14-0-0.5 **Lab Sample ID: 180-147956-12**
Date Collected: 11/15/22 13:55 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		800	65	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2,2'-oxybis[1-chloropropane]	ND		400	7.2	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Pentachlorophenol	ND		320	81	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Phenanthrene	**36**	**J**	400	7.0	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Phenol	ND		400	15	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
Pyrene	**54**	**J**	400	9.8	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
1,2,4,5-Tetrachlorobenzene	ND		400	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2,3,4,6-Tetrachlorophenol	ND		400	27	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2,4,5-Trichlorophenol	ND		400	40	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1
2,4,6-Trichlorophenol	ND		160	51	ug/Kg	☼	11/17/22 22:32	11/18/22 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*22 - 122*	*11/17/22 22:32*	*11/18/22 17:31*	*1*
2-Fluorophenol (Surr)	*69*		*18 - 123*	*11/17/22 22:32*	*11/18/22 17:31*	*1*
Nitrobenzene-d5 (Surr)	*82*		*16 - 125*	*11/17/22 22:32*	*11/18/22 17:31*	*1*
Phenol-d5 (Surr)	*78*		*23 - 120*	*11/17/22 22:32*	*11/18/22 17:31*	*1*
Terphenyl-d14 (Surr)	*89*		*25 - 126*	*11/17/22 22:32*	*11/18/22 17:31*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 123*	*11/17/22 22:32*	*11/18/22 17:31*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	11/18/22 10:15	11/29/22 00:06	1
PCB-1221	ND		20	7.0	ug/Kg	☼	11/18/22 10:15	11/29/22 00:06	1
PCB-1232	ND		20	4.8	ug/Kg	☼	11/18/22 10:15	11/29/22 00:06	1
PCB-1242	ND		20	2.9	ug/Kg	☼	11/18/22 10:15	11/29/22 00:06	1
PCB-1248	ND		20	4.7	ug/Kg	☼	11/18/22 10:15	11/29/22 00:06	1
PCB-1254	ND		20	5.9	ug/Kg	☼	11/18/22 10:15	11/29/22 00:06	1
PCB-1260	ND		20	5.6	ug/Kg	☼	11/18/22 10:15	11/29/22 00:06	1
PCB-1262	ND		20	6.9	ug/Kg	☼	11/18/22 10:15	11/29/22 00:06	1
PCB-1268	ND		20	2.7	ug/Kg	☼	11/18/22 10:15	11/29/22 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*66*		*63 - 138*	*11/18/22 10:15*	*11/29/22 00:06*	*1*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/18/22 10:15*	*11/29/22 00:06*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*55 - 135*	*11/18/22 10:15*	*11/29/22 00:06*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*55 - 135*	*11/18/22 10:15*	*11/29/22 00:06*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8100**		18	4.9	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Antimony	ND		1.8	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Arsenic	**6.3**		1.4	0.29	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Barium	**75**		18	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Beryllium	**0.38**	**J**	0.45	0.049	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Cadmium	**0.15**	**J**	0.45	0.044	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Calcium	**3500**		450	33	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Chromium	**10**		0.91	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Cobalt	**6.8**		0.91	0.18	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1

Client Sample ID: SSHS-IRM5A2-SCV14-0-0.5

Lab Sample ID: 180-147956-12
Date Collected: 11/15/22 13:55
Matrix: Solid
Date Received: 11/16/22 09:00
Percent Solids: 83.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	18		2.3	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Iron	17000		18	6.3	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Lead	32		0.91	0.26	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Magnesium	2500		450	42	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Manganese	400		1.4	1.0	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Nickel	16		3.6	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Potassium	790		450	72	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Selenium	0.52	J	1.8	0.43	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Silver	ND		0.91	0.074	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Sodium	ND		450	57	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Thallium	ND		1.8	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Vanadium	12		4.5	0.75	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1
Zinc	97		4.5	1.2	mg/Kg	☼	11/16/22 15:00	11/17/22 17:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.061	J	0.11	0.021	mg/Kg	☼	11/16/22 15:00	11/17/22 12:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.7		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	83.3		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV14-0.5-1

Lab Sample ID: 180-147956-13
Date Collected: 11/15/22 14:00
Matrix: Solid
Date Received: 11/16/22 09:00
Percent Solids: 86.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.4	5.1	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Benzene	ND		0.90	0.23	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Bromoform	ND	*-	0.90	0.38	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Bromomethane	ND		1.8	0.90	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
2-Butanone (MEK)	ND		4.5	0.33	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Carbon disulfide	ND		0.90	0.24	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Carbon tetrachloride	ND		0.90	0.35	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Chlorobenzene	ND		0.90	0.16	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Chlorobromomethane	ND		0.90	0.25	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Chlorodibromomethane	ND	*-	0.90	0.17	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Chloroethane	ND		0.90	0.47	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Chloroform	ND		0.90	0.87	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Chloromethane	ND		0.90	0.39	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
cis-1,2-Dichloroethene	ND		0.90	0.32	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
cis-1,3-Dichloropropene	ND		0.90	0.25	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Cyclohexane	ND		0.90	0.20	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,2-Dibromo-3-Chloropropane	ND		0.90	0.41	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,2-Dibromoethane	ND		0.90	0.16	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,2-Dichlorobenzene	ND		0.90	0.32	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,3-Dichlorobenzene	ND		0.90	0.33	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,4-Dichlorobenzene	ND		0.90	0.20	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1

Client Sample ID: SSHS-IRM5A2-SCV14-0.5-1 Lab Sample ID: 180-147956-13

Date Collected: 11/15/22 14:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 86.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		0.90	0.23	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Dichlorodifluoromethane	ND		0.90	0.30	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,1-Dichloroethane	ND		0.90	0.18	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,2-Dichloroethane	ND		0.90	0.27	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,1-Dichloroethene	ND		0.90	0.20	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,2-Dichloroethene, Total	ND		1.8	0.34	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,2-Dichloropropane	ND		0.90	0.38	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,4-Dioxane	ND		90	8.2	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Ethylbenzene	ND		0.90	0.18	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
2-Hexanone	ND		4.5	1.5	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Isopropylbenzene	ND		0.90	0.26	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Methyl acetate	ND		4.5	3.9	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Methylcyclohexane	ND		0.90	0.45	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Methylene Chloride	ND		1.8	1.0	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
4-Methyl-2-pentanone (MIBK)	ND		4.5	1.4	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Methyl tert-butyl ether	ND		0.90	0.46	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
m-Xylene & p-Xylene	ND		0.90	0.16	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
o-Xylene	ND		0.90	0.17	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Styrene	ND		0.90	0.25	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,1,2,2-Tetrachloroethane	ND		0.90	0.19	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Tetrachloroethene	ND		0.90	0.27	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Toluene	ND		0.90	0.21	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
trans-1,2-Dichloroethene	ND		0.90	0.22	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
trans-1,3-Dichloropropene	ND	*-	0.90	0.24	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,2,3-Trichlorobenzene	ND		0.90	0.16	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,2,4-Trichlorobenzene	ND		0.90	0.32	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,1,1-Trichloroethane	ND		0.90	0.21	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,1,2-Trichloroethane	ND		0.90	0.16	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Trichloroethene	ND		0.90	0.29	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Trichlorofluoromethane	ND		0.90	0.36	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.90	0.27	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Vinyl chloride	ND		0.90	0.49	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1
Xylenes, Total	ND		1.8	0.16	ug/Kg	☼	11/17/22 16:39	11/21/22 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*	*11/17/22 16:39*	*11/21/22 00:30*	*1*
Dibromofluoromethane (Surr)	*116*		*73 - 139*	*11/17/22 16:39*	*11/21/22 00:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 145*	*11/17/22 16:39*	*11/21/22 00:30*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/17/22 16:39*	*11/21/22 00:30*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Acenaphthylene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Acetophenone	ND		380	19	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Anthracene	ND		380	12	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Atrazine	ND		150	23	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Benzaldehyde	ND		380	63	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Benzo[a]anthracene	**20**	**J**	38	13	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Benzo[a]pyrene	**14**	**J**	38	10	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1

Client Sample ID: SSHS-IRM5A2-SCV14-0.5-1 **Lab Sample ID: 180-147956-13**
Date Collected: 11/15/22 14:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 86.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**19**	**J**	38	9.9	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Benzo[g,h,i]perylene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Benzo[k]fluoranthene	**8.7**	**J**	38	7.5	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Bis(2-chloroethoxy)methane	ND		380	30	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Bis(2-ethylhexyl) phthalate	ND		380	20	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Butyl benzyl phthalate	ND		380	18	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Caprolactam	ND		380	60	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Carbazole	ND		380	15	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
4-Chloroaniline	ND		380	68	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
4-Chloro-3-methylphenol	ND		380	21	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2-Chloronaphthalene	ND		380	18	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2-Chlorophenol	ND		380	14	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
4-Chlorophenyl phenyl ether	ND		380	13	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Chrysene	**18**	**J**	380	6.5	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Dibenz(a,h)anthracene	ND		38	17	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Dibenzofuran	ND		380	13	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
3,3'-Dichlorobenzidine	ND		150	58	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2,4-Dichlorophenol	ND		150	25	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2,4-Dimethylphenol	ND		380	46	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Dimethyl phthalate	ND		380	87	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Di-n-butyl phthalate	ND		380	14	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2,4-Dinitrophenol	ND		310	190	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2,4-Dinitrotoluene	ND		77	41	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2,6-Dinitrotoluene	ND		77	28	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Di-n-octyl phthalate	ND	*+	380	20	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
1,4-Dioxane	ND		38	33	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Fluoranthene	**28**	**J**	380	13	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Fluorene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Hexachlorobutadiene	ND		77	8.1	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Hexachlorocyclopentadiene	ND		380	34	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Hexachloroethane	ND		38	13	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Indeno[1,2,3-cd]pyrene	ND		38	15	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2-Methylnaphthalene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2-Methylphenol	ND		380	14	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Methylphenol, 3 & 4	ND		380	24	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Naphthalene	ND		380	6.6	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
3-Nitroaniline	ND		380	91	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
4-Nitroaniline	ND		380	44	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Nitrobenzene	ND		38	21	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2-Nitrophenol	ND		380	38	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
4-Nitrophenol	ND		770	62	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1

Client Sample ID: SSHS-IRM5A2-SCV14-0.5-1 Lab Sample ID: 180-147956-13

Date Collected: 11/15/22 14:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 86.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		38	28	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
N-Nitrosodiphenylamine	ND		380	31	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2,2'-oxybis[1-chloropropane]	ND		380	6.9	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Pentachlorophenol	ND		310	78	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Phenanthrene	**15**	**J**	380	6.7	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Phenol	ND		380	14	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
Pyrene	**23**	**J**	380	9.5	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
1,2,4,5-Tetrachlorobenzene	ND		380	12	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2,3,4,6-Tetrachlorophenol	ND		380	26	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2,4,5-Trichlorophenol	ND		380	39	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1
2,4,6-Trichlorophenol	ND		150	49	ug/Kg	☼	11/17/22 22:32	11/18/22 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*22 - 122*	*11/17/22 22:32*	*11/18/22 15:37*	*1*
2-Fluorophenol (Surr)	*69*		*18 - 123*	*11/17/22 22:32*	*11/18/22 15:37*	*1*
Nitrobenzene-d5 (Surr)	*82*		*16 - 125*	*11/17/22 22:32*	*11/18/22 15:37*	*1*
Phenol-d5 (Surr)	*79*		*23 - 120*	*11/17/22 22:32*	*11/18/22 15:37*	*1*
Terphenyl-d14 (Surr)	*86*		*25 - 126*	*11/17/22 22:32*	*11/18/22 15:37*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 123*	*11/17/22 22:32*	*11/18/22 15:37*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	11/18/22 10:15	11/29/22 00:25	1
PCB-1221	ND		19	6.8	ug/Kg	☼	11/18/22 10:15	11/29/22 00:25	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:15	11/29/22 00:25	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:15	11/29/22 00:25	1
PCB-1248	ND		19	4.6	ug/Kg	☼	11/18/22 10:15	11/29/22 00:25	1
PCB-1254	ND		19	5.8	ug/Kg	☼	11/18/22 10:15	11/29/22 00:25	1
PCB-1260	ND		19	5.5	ug/Kg	☼	11/18/22 10:15	11/29/22 00:25	1
PCB-1262	ND		19	6.8	ug/Kg	☼	11/18/22 10:15	11/29/22 00:25	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:15	11/29/22 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*63 - 138*	*11/18/22 10:15*	*11/29/22 00:25*	*1*
DCB Decachlorobiphenyl (Surr)	*77*		*63 - 138*	*11/18/22 10:15*	*11/29/22 00:25*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*11/18/22 10:15*	*11/29/22 00:25*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*11/18/22 10:15*	*11/29/22 00:25*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9000**		19	5.0	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Antimony	ND		1.9	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Arsenic	**8.4**		1.4	0.30	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Barium	**74**		19	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Beryllium	**0.42**	**J**	0.47	0.051	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Cadmium	**0.078**	**J**	0.47	0.045	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Calcium	**3400**		470	34	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Chromium	**11**		0.94	0.32	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Cobalt	**8.0**		0.94	0.19	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Copper	**16**		2.3	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1

Client Sample ID: SSHS-IRM5A2-SCV14-0.5-1 — Lab Sample ID: 180-147956-13

Date Collected: 11/15/22 14:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 86.0**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	19000		19	6.5	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Lead	18		0.94	0.26	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Magnesium	2800		470	43	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Manganese	410		1.4	1.0	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Nickel	18		3.7	0.22	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Potassium	760		470	74	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Selenium	ND		1.9	0.44	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Silver	ND		0.94	0.076	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Sodium	ND		470	59	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Thallium	ND		1.9	0.37	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Vanadium	13		4.7	0.77	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1
Zinc	74		4.7	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 17:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033	J	0.11	0.020	mg/Kg	☼	11/16/22 15:00	11/17/22 12:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.0		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	86.0		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV13-0-0.5 — Lab Sample ID: 180-147956-14

Date Collected: 11/15/22 14:05 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.8	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Benzene	ND		1.0	0.26	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Bromoform	ND	*-	1.0	0.43	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Bromomethane	ND		2.0	1.0	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Carbon disulfide	ND		1.0	0.27	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Chlorodibromomethane	ND	*-	1.0	0.20	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Chloroethane	ND		1.0	0.53	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Chloroform	ND		1.0	0.98	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Chloromethane	ND		1.0	0.44	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Cyclohexane	ND		1.0	0.22	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1

Client Sample ID: SSHS-IRM5A2-SCV13-0-0.5 Lab Sample ID: 180-147956-14

Date Collected: 11/15/22 14:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,2-Dichloropropane	ND		1.0	0.43	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,4-Dioxane	ND		100	9.2	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Ethylbenzene	ND		1.0	0.20	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
2-Hexanone	ND		5.0	1.7	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Methyl acetate	**4.4**	**J**	5.0	4.3	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Methylene Chloride	ND		2.0	1.2	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
m-Xylene & p-Xylene	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Styrene	ND		1.0	0.28	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Toluene	ND		1.0	0.24	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
trans-1,3-Dichloropropene	ND	*-	1.0	0.27	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Trichloroethene	ND		1.0	0.32	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Vinyl chloride	ND		1.0	0.55	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1
Xylenes, Total	ND		2.0	0.18	ug/Kg	☼	11/17/22 16:40	11/21/22 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*75 - 139*	*11/17/22 16:40*	*11/21/22 00:52*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 139*	*11/17/22 16:40*	*11/21/22 00:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 145*	*11/17/22 16:40*	*11/21/22 00:52*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/17/22 16:40*	*11/21/22 00:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Acetophenone	ND		360	18	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Anthracene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Atrazine	ND		150	21	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Benzaldehyde	ND		360	60	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Benzo[a]anthracene	**30**	**J**	36	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Benzo[a]pyrene	**26**	**J**	36	9.7	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Benzo[b]fluoranthene	**34**	**J**	36	9.4	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV13-0-0.5 **Lab Sample ID: 180-147956-14**
Date Collected: 11/15/22 14:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**16**	**J**	360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Benzo[k]fluoranthene	**16**	**J**	36	7.2	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Caprolactam	ND		360	57	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Carbazole	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
4-Chloroaniline	ND		360	65	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Chrysene	**30**	**J**	360	6.2	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
3,3'-Dichlorobenzidine	ND		150	55	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2,4-Dichlorophenol	ND		150	23	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2,4-Dimethylphenol	ND		360	44	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Dimethyl phthalate	ND		360	83	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2,4-Dinitrotoluene	ND		74	39	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2,6-Dinitrotoluene	ND		74	26	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Di-n-octyl phthalate	ND	*+	360	19	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
1,4-Dioxane	ND		36	32	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Fluoranthene	**44**	**J**	360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Fluorene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Hexachlorobutadiene	ND		74	7.8	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Hexachloroethane	ND		36	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Indeno[1,2,3-cd]pyrene	**20**	**J**	36	14	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2-Methylphenol	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Naphthalene	ND		360	6.3	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2-Nitroaniline	ND		360	28	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
3-Nitroaniline	ND		360	87	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
4-Nitroaniline	ND		360	42	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2-Nitrophenol	ND		360	37	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
4-Nitrophenol	ND		740	59	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
N-Nitrosodi-n-propylamine	ND		36	27	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1

Client Sample ID: SSHS-IRM5A2-SCV13-0-0.5 **Lab Sample ID: 180-147956-14**
Date Collected: 11/15/22 14:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2,2'-oxybis[1-chloropropane]	ND		360	6.6	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Pentachlorophenol	ND		290	75	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Phenanthrene	**21**	**J**	360	6.4	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Phenol	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
Pyrene	**38**	**J**	360	9.1	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2,3,4,6-Tetrachlorophenol	ND		360	25	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1
2,4,6-Trichlorophenol	ND		150	47	ug/Kg	☼	11/17/22 22:32	11/18/22 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*22 - 122*	*11/17/22 22:32*	*11/18/22 18:17*	*1*
2-Fluorophenol (Surr)	*65*		*18 - 123*	*11/17/22 22:32*	*11/18/22 18:17*	*1*
Nitrobenzene-d5 (Surr)	*78*		*16 - 125*	*11/17/22 22:32*	*11/18/22 18:17*	*1*
Phenol-d5 (Surr)	*74*		*23 - 120*	*11/17/22 22:32*	*11/18/22 18:17*	*1*
Terphenyl-d14 (Surr)	*86*		*25 - 126*	*11/17/22 22:32*	*11/18/22 18:17*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 123*	*11/17/22 22:32*	*11/18/22 18:17*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/18/22 10:15	11/29/22 00:44	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/18/22 10:15	11/29/22 00:44	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/18/22 10:15	11/29/22 00:44	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/18/22 10:15	11/29/22 00:44	1
PCB-1248	**130**		18	4.3	ug/Kg	☼	11/18/22 10:15	11/29/22 00:44	1
PCB-1254	**59**		18	5.3	ug/Kg	☼	11/18/22 10:15	11/29/22 00:44	1
PCB-1260	**11**	**J**	18	5.1	ug/Kg	☼	11/18/22 10:15	11/29/22 00:44	1
PCB-1262	ND		18	6.3	ug/Kg	☼	11/18/22 10:15	11/29/22 00:44	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/18/22 10:15	11/29/22 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*66*		*63 - 138*	*11/18/22 10:15*	*11/29/22 00:44*	*1*
DCB Decachlorobiphenyl (Surr)	*66*		*63 - 138*	*11/18/22 10:15*	*11/29/22 00:44*	*1*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*	*11/18/22 10:15*	*11/29/22 00:44*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*55 - 135*	*11/18/22 10:15*	*11/29/22 00:44*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6800**		21	5.5	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Antimony	ND		2.1	0.37	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Arsenic	**6.2**		1.5	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Barium	**86**		21	0.37	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Beryllium	**0.36**	**J**	0.52	0.056	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Cadmium	**0.20**	**J**	0.52	0.050	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Calcium	**2000**		520	38	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Chromium	**8.5**		1.0	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Cobalt	**5.5**		1.0	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Copper	**17**		2.6	0.24	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Iron	**13000**		21	7.2	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1

Client Sample ID: SSHS-IRM5A2-SCV13-0-0.5 Lab Sample ID: 180-147956-14

Date Collected: 11/15/22 14:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.5**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	70		1.0	0.29	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Magnesium	1700		520	48	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Manganese	390		1.5	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Nickel	13		4.1	0.24	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Potassium	850		520	82	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Selenium	0.71	J	2.1	0.48	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Silver	ND		1.0	0.084	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Sodium	ND		520	65	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Thallium	ND		2.1	0.41	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Vanadium	10		5.2	0.85	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1
Zinc	140		5.2	1.4	mg/Kg	☼	11/16/22 15:00	11/17/22 17:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.091	J	0.11	0.020	mg/Kg	☼	11/16/22 15:00	11/17/22 12:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.5		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	90.5		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV13-0.5-1 Lab Sample ID: 180-147956-15

Date Collected: 11/15/22 14:10 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 88.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.2	5.0	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Benzene	ND		0.87	0.22	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Bromoform	ND	*-	0.87	0.37	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Bromomethane	ND		1.7	0.87	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
2-Butanone (MEK)	ND		4.3	0.32	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Carbon disulfide	ND		0.87	0.23	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Carbon tetrachloride	ND		0.87	0.34	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Chlorobenzene	ND		0.87	0.15	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Chlorobromomethane	ND		0.87	0.24	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Chlorodibromomethane	ND	*-	0.87	0.17	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Chloroethane	ND		0.87	0.45	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Chloroform	ND		0.87	0.84	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Chloromethane	ND		0.87	0.38	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
cis-1,2-Dichloroethene	ND		0.87	0.31	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
cis-1,3-Dichloropropene	ND		0.87	0.24	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Cyclohexane	ND		0.87	0.19	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,2-Dibromo-3-Chloropropane	ND		0.87	0.40	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,2-Dibromoethane	ND		0.87	0.16	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,2-Dichlorobenzene	ND		0.87	0.31	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,3-Dichlorobenzene	ND		0.87	0.32	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,4-Dichlorobenzene	ND		0.87	0.20	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Dichlorobromomethane	ND		0.87	0.22	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Dichlorodifluoromethane	ND		0.87	0.29	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV13-0.5-1 **Lab Sample ID: 180-147956-15**
Date Collected: 11/15/22 14:10 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 88.3**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.87	0.18	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,2-Dichloroethane	ND		0.87	0.26	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,1-Dichloroethene	ND		0.87	0.20	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,2-Dichloroethene, Total	ND		1.7	0.33	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,2-Dichloropropane	ND		0.87	0.37	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,4-Dioxane	ND		87	8.0	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Ethylbenzene	ND		0.87	0.17	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
2-Hexanone	ND		4.3	1.5	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Isopropylbenzene	ND		0.87	0.25	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Methyl acetate	ND		4.3	3.7	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Methylcyclohexane	ND		0.87	0.43	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Methylene Chloride	ND		1.7	1.0	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
4-Methyl-2-pentanone (MIBK)	ND		4.3	1.4	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Methyl tert-butyl ether	ND		0.87	0.45	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
m-Xylene & p-Xylene	ND		0.87	0.15	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
o-Xylene	ND		0.87	0.17	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Styrene	ND		0.87	0.24	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,1,2,2-Tetrachloroethane	ND		0.87	0.19	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Tetrachloroethene	ND		0.87	0.27	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Toluene	ND		0.87	0.20	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
trans-1,2-Dichloroethene	ND		0.87	0.21	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
trans-1,3-Dichloropropene	ND	*-	0.87	0.23	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,2,3-Trichlorobenzene	ND		0.87	0.16	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,2,4-Trichlorobenzene	ND		0.87	0.31	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,1,1-Trichloroethane	ND		0.87	0.20	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,1,2-Trichloroethane	ND		0.87	0.15	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Trichloroethene	ND		0.87	0.28	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Trichlorofluoromethane	ND		0.87	0.35	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.87	0.26	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Vinyl chloride	ND		0.87	0.47	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1
Xylenes, Total	ND		1.7	0.15	ug/Kg	☼	11/17/22 16:40	11/21/22 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*75 - 139*	*11/17/22 16:40*	*11/21/22 01:14*	*1*
Dibromofluoromethane (Surr)	*113*		*73 - 139*	*11/17/22 16:40*	*11/21/22 01:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 145*	*11/17/22 16:40*	*11/21/22 01:14*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/17/22 16:40*	*11/21/22 01:14*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Acenaphthylene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Acetophenone	ND		370	18	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Anthracene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Atrazine	ND		150	22	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Benzaldehyde	ND		370	62	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Benzo[a]anthracene	ND		37	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Benzo[a]pyrene	ND		37	9.9	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Benzo[b]fluoranthene	ND		37	9.7	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Benzo[g,h,i]perylene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV13-0.5-1 **Lab Sample ID: 180-147956-15**
Date Collected: 11/15/22 14:10 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 88.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		37	7.3	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
1,1'-Biphenyl	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Bis(2-chloroethoxy)methane	ND		370	29	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Bis(2-chloroethyl)ether	ND		37	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Bis(2-ethylhexyl) phthalate	ND		370	20	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
4-Bromophenyl phenyl ether	ND		370	15	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Butyl benzyl phthalate	ND		370	17	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Caprolactam	ND		370	58	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Carbazole	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
4-Chloroaniline	ND		370	66	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
4-Chloro-3-methylphenol	ND		370	21	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2-Chloronaphthalene	ND		370	17	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2-Chlorophenol	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
4-Chlorophenyl phenyl ether	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Chrysene	ND		370	6.3	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Dibenz(a,h)anthracene	ND		37	16	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Dibenzofuran	ND		370	12	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
3,3'-Dichlorobenzidine	ND		150	56	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2,4-Dichlorophenol	ND		150	24	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Diethyl phthalate	ND		370	12	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2,4-Dimethylphenol	ND		370	45	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Dimethyl phthalate	ND		370	85	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Di-n-butyl phthalate	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
4,6-Dinitro-2-methylphenol	ND		300	150	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2,4-Dinitrophenol	ND		300	180	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2,4-Dinitrotoluene	ND		76	40	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2,6-Dinitrotoluene	ND		76	27	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Di-n-octyl phthalate	ND	*+	370	20	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
1,4-Dioxane	ND		37	33	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Fluoranthene	ND		370	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Fluorene	ND		370	11	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Hexachlorobenzene	ND		37	18	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Hexachlorobutadiene	ND		76	7.9	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Hexachlorocyclopentadiene	ND		370	33	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Hexachloroethane	ND		37	13	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Indeno[1,2,3-cd]pyrene	ND		37	15	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2-Methylnaphthalene	ND		370	10	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2-Methylphenol	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Methylphenol, 3 & 4	ND		370	23	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Naphthalene	ND		370	6.5	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
3-Nitroaniline	ND		370	89	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
4-Nitroaniline	ND		370	43	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Nitrobenzene	ND		37	21	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2-Nitrophenol	ND		370	37	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
4-Nitrophenol	ND		760	61	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
N-Nitrosodi-n-propylamine	ND		37	27	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
N-Nitrosodiphenylamine	ND		370	31	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1

Client Sample ID: SSHS-IRM5A2-SCV13-0.5-1 Lab Sample ID: 180-147956-15

Date Collected: 11/15/22 14:10 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 88.3**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		370	6.8	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Pentachlorophenol	ND		300	76	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Phenanthrene	ND		370	6.6	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Phenol	ND		370	14	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
Pyrene	ND		370	9.3	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
1,2,4,5-Tetrachlorobenzene	ND		370	12	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2,3,4,6-Tetrachlorophenol	ND		370	25	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2,4,5-Trichlorophenol	ND		370	38	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1
2,4,6-Trichlorophenol	ND		150	48	ug/Kg	☼	11/17/22 22:32	11/18/22 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*22 - 122*	*11/17/22 22:32*	*11/18/22 12:57*	*1*
2-Fluorophenol (Surr)	*67*		*18 - 123*	*11/17/22 22:32*	*11/18/22 12:57*	*1*
Nitrobenzene-d5 (Surr)	*80*		*16 - 125*	*11/17/22 22:32*	*11/18/22 12:57*	*1*
Phenol-d5 (Surr)	*78*		*23 - 120*	*11/17/22 22:32*	*11/18/22 12:57*	*1*
Terphenyl-d14 (Surr)	*88*		*25 - 126*	*11/17/22 22:32*	*11/18/22 12:57*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*10 - 123*	*11/17/22 22:32*	*11/18/22 12:57*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	11/18/22 10:15	11/29/22 01:03	1
PCB-1221	ND		19	6.6	ug/Kg	☼	11/18/22 10:15	11/29/22 01:03	1
PCB-1232	ND		19	4.6	ug/Kg	☼	11/18/22 10:15	11/29/22 01:03	1
PCB-1242	ND		19	2.7	ug/Kg	☼	11/18/22 10:15	11/29/22 01:03	1
PCB-1248	ND		19	4.5	ug/Kg	☼	11/18/22 10:15	11/29/22 01:03	1
PCB-1254	ND		19	5.6	ug/Kg	☼	11/18/22 10:15	11/29/22 01:03	1
PCB-1260	ND		19	5.3	ug/Kg	☼	11/18/22 10:15	11/29/22 01:03	1
PCB-1262	ND		19	6.6	ug/Kg	☼	11/18/22 10:15	11/29/22 01:03	1
PCB-1268	ND		19	2.5	ug/Kg	☼	11/18/22 10:15	11/29/22 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*63 - 138*	*11/18/22 10:15*	*11/29/22 01:03*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*63 - 138*	*11/18/22 10:15*	*11/29/22 01:03*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*55 - 135*	*11/18/22 10:15*	*11/29/22 01:03*	*1*
Tetrachloro-m-xylene (Surr)	*81*		*55 - 135*	*11/18/22 10:15*	*11/29/22 01:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9500**		18	4.8	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Antimony	ND		1.8	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Arsenic	**5.4**		1.4	0.29	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Barium	**83**		18	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Beryllium	**0.44**	J	0.45	0.049	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Cadmium	**0.10**	J	0.45	0.043	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Calcium	**1900**		450	33	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Chromium	**11**		0.91	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Cobalt	**8.0**		0.91	0.18	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Copper	**12**		2.3	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Iron	**17000**		18	6.3	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Lead	**12**		0.91	0.26	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1

Client Sample ID: SSHS-IRM5A2-SCV13-0.5-1 — Lab Sample ID: 180-147956-15

Date Collected: 11/15/22 14:10 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 88.3**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	2800		450	42	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Manganese	390		1.4	1.0	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Nickel	18		3.6	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Potassium	830		450	72	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Selenium	ND		1.8	0.42	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Silver	ND		0.91	0.073	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Sodium	ND		450	57	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Thallium	ND		1.8	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Vanadium	13		4.5	0.74	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1
Zinc	62		4.5	1.2	mg/Kg	☼	11/16/22 15:00	11/17/22 17:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	J	0.13	0.023	mg/Kg	☼	11/16/22 15:00	11/17/22 12:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.7		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	88.3		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP7 — Lab Sample ID: 180-147956-16

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		5.5	5.2	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Benzene	ND		0.91	0.24	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Bromoform	ND	*-	0.91	0.39	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Bromomethane	ND		1.8	0.91	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
2-Butanone (MEK)	ND		4.6	0.34	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Carbon disulfide	ND		0.91	0.24	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Carbon tetrachloride	ND		0.91	0.35	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Chlorobenzene	ND		0.91	0.16	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Chlorobromomethane	ND		0.91	0.26	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Chlorodibromomethane	ND	*-	0.91	0.18	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Chloroethane	ND		0.91	0.48	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Chloroform	ND		0.91	0.89	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Chloromethane	ND		0.91	0.40	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
cis-1,2-Dichloroethene	ND		0.91	0.33	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Cyclohexane	ND		0.91	0.20	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,2-Dibromo-3-Chloropropane	ND		0.91	0.42	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,2-Dibromoethane	ND		0.91	0.16	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,2-Dichlorobenzene	ND		0.91	0.33	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,3-Dichlorobenzene	ND		0.91	0.33	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,4-Dichlorobenzene	ND		0.91	0.21	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Dichlorobromomethane	ND		0.91	0.24	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Dichlorodifluoromethane	ND		0.91	0.31	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,1-Dichloroethane	ND		0.91	0.19	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP7 **Lab Sample ID: 180-147956-16**
Date Collected: 11/15/22 00:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.0**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.91	0.27	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,1-Dichloroethene	ND		0.91	0.21	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,2-Dichloroethene, Total	ND		1.8	0.35	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,2-Dichloropropane	ND		0.91	0.39	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,4-Dioxane	ND		91	8.4	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Ethylbenzene	ND		0.91	0.18	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
2-Hexanone	ND		4.6	1.6	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Isopropylbenzene	ND		0.91	0.26	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Methyl acetate	ND		4.6	3.9	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Methylcyclohexane	ND		0.91	0.46	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Methylene Chloride	ND		1.8	1.0	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
4-Methyl-2-pentanone (MIBK)	ND		4.6	1.4	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Methyl tert-butyl ether	ND		0.91	0.47	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
m-Xylene & p-Xylene	ND		0.91	0.16	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
o-Xylene	ND		0.91	0.18	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Styrene	ND		0.91	0.25	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,1,2,2-Tetrachloroethane	ND		0.91	0.20	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Tetrachloroethene	ND		0.91	0.28	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Toluene	ND		0.91	0.21	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
trans-1,2-Dichloroethene	ND		0.91	0.22	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
trans-1,3-Dichloropropene	ND	*-	0.91	0.24	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,2,3-Trichlorobenzene	ND		0.91	0.17	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,2,4-Trichlorobenzene	ND		0.91	0.33	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,1,1-Trichloroethane	ND		0.91	0.21	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,1,2-Trichloroethane	ND		0.91	0.16	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Trichloroethene	ND		0.91	0.29	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Trichlorofluoromethane	ND		0.91	0.37	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.91	0.28	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Vinyl chloride	ND		0.91	0.50	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1
Xylenes, Total	ND		1.8	0.16	ug/Kg	☼	11/17/22 16:41	11/21/22 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*75 - 139*	*11/17/22 16:41*	*11/21/22 01:36*	*1*
Dibromofluoromethane (Surr)	*111*		*73 - 139*	*11/17/22 16:41*	*11/21/22 01:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 145*	*11/17/22 16:41*	*11/21/22 01:36*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*11/17/22 16:41*	*11/21/22 01:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	11	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Acenaphthylene	ND		400	11	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Acetophenone	ND		400	19	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Anthracene	ND		400	12	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Atrazine	ND		160	23	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Benzaldehyde	ND		400	66	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Benzo[a]anthracene	ND		40	14	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Benzo[a]pyrene	ND		40	11	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Benzo[b]fluoranthene	**10**	**J**	40	10	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Benzo[g,h,i]perylene	ND		400	12	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Benzo[k]fluoranthene	ND		40	7.8	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP7 **Lab Sample ID: 180-147956-16**
Date Collected: 11/15/22 00:00 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		400	14	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Bis(2-chloroethoxy)methane	ND		400	31	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Bis(2-chloroethyl)ether	ND		40	14	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Bis(2-ethylhexyl) phthalate	ND		400	21	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
4-Bromophenyl phenyl ether	ND		400	16	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Butyl benzyl phthalate	ND		400	19	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Caprolactam	ND		400	62	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Carbazole	ND		400	15	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
4-Chloroaniline	ND		400	70	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
4-Chloro-3-methylphenol	ND		400	22	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2-Chloronaphthalene	ND		400	18	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2-Chlorophenol	ND		400	14	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
4-Chlorophenyl phenyl ether	ND		400	14	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Chrysene	**7.3**	**J**	400	6.7	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Dibenz(a,h)anthracene	ND		40	17	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Dibenzofuran	ND		400	13	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
3,3'-Dichlorobenzidine	ND		160	60	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Diethyl phthalate	ND		400	13	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2,4-Dimethylphenol	ND		400	47	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Dimethyl phthalate	ND		400	90	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Di-n-butyl phthalate	ND		400	15	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2,4-Dinitrophenol	ND		320	200	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2,4-Dinitrotoluene	ND		80	43	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2,6-Dinitrotoluene	ND		80	29	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Di-n-octyl phthalate	ND	*+	400	21	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
1,4-Dioxane	ND		40	35	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Fluoranthene	ND		400	14	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Fluorene	ND		400	12	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Hexachlorobenzene	ND		40	19	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Hexachlorobutadiene	ND		80	8.4	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Hexachlorocyclopentadiene	ND		400	35	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Hexachloroethane	ND		40	14	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Indeno[1,2,3-cd]pyrene	ND		40	16	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Isophorone	ND		160	110	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2-Methylnaphthalene	ND		400	11	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2-Methylphenol	ND		400	15	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Methylphenol, 3 & 4	ND		400	25	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Naphthalene	ND		400	6.9	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
3-Nitroaniline	ND		400	94	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
4-Nitroaniline	ND		400	46	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Nitrobenzene	ND		40	22	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2-Nitrophenol	ND		400	40	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
4-Nitrophenol	ND		800	65	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
N-Nitrosodi-n-propylamine	ND		40	29	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
N-Nitrosodiphenylamine	ND		400	33	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2,2'-oxybis[1-chloropropane]	ND		400	7.2	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP7 — Lab Sample ID: 180-147956-16

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.0**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		320	81	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Phenanthrene	ND		400	7.0	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Phenol	ND		400	15	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
Pyrene	**10**	**J**	400	9.9	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
1,2,4,5-Tetrachlorobenzene	ND		400	12	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2,3,4,6-Tetrachlorophenol	ND		400	27	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2,4,5-Trichlorophenol	ND		400	40	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1
2,4,6-Trichlorophenol	ND		160	51	ug/Kg	☼	11/17/22 22:32	11/18/22 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*22 - 122*	*11/17/22 22:32*	*11/18/22 13:43*	*1*
2-Fluorophenol (Surr)	*66*		*18 - 123*	*11/17/22 22:32*	*11/18/22 13:43*	*1*
Nitrobenzene-d5 (Surr)	*76*		*16 - 125*	*11/17/22 22:32*	*11/18/22 13:43*	*1*
Phenol-d5 (Surr)	*73*		*23 - 120*	*11/17/22 22:32*	*11/18/22 13:43*	*1*
Terphenyl-d14 (Surr)	*83*		*25 - 126*	*11/17/22 22:32*	*11/18/22 13:43*	*1*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 123*	*11/17/22 22:32*	*11/18/22 13:43*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	11/18/22 10:15	11/29/22 01:22	1
PCB-1221	ND		19	6.9	ug/Kg	☼	11/18/22 10:15	11/29/22 01:22	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:15	11/29/22 01:22	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:15	11/29/22 01:22	1
PCB-1248	ND		19	4.7	ug/Kg	☼	11/18/22 10:15	11/29/22 01:22	1
PCB-1254	ND		19	5.8	ug/Kg	☼	11/18/22 10:15	11/29/22 01:22	1
PCB-1260	ND		19	5.5	ug/Kg	☼	11/18/22 10:15	11/29/22 01:22	1
PCB-1262	ND		19	6.8	ug/Kg	☼	11/18/22 10:15	11/29/22 01:22	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:15	11/29/22 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*64*		*63 - 138*	*11/18/22 10:15*	*11/29/22 01:22*	*1*
DCB Decachlorobiphenyl (Surr)	*64*		*63 - 138*	*11/18/22 10:15*	*11/29/22 01:22*	*1*
Tetrachloro-m-xylene (Surr)	*71*		*55 - 135*	*11/18/22 10:15*	*11/29/22 01:22*	*1*
Tetrachloro-m-xylene (Surr)	*71*		*55 - 135*	*11/18/22 10:15*	*11/29/22 01:22*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		23	6.1	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Antimony	ND		2.3	0.41	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Arsenic	**6.0**		1.7	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Barium	**94**		23	0.42	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Beryllium	**0.51**	**J**	0.57	0.062	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Cadmium	**0.084**	**J**	0.57	0.055	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Calcium	**1400**		570	42	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Chromium	**12**		1.1	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Cobalt	**8.7**		1.1	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Copper	**13**		2.9	0.27	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Iron	**18000**		23	8.0	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Lead	**11**		1.1	0.32	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Magnesium	**2700**		570	53	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP7 — Lab Sample ID: 180-147956-16

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.0**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	440		1.7	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Nickel	20		4.6	0.27	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Potassium	950		570	91	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Selenium	ND		2.3	0.54	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Silver	ND		1.1	0.093	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Sodium	ND		570	72	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Thallium	ND		2.3	0.46	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Vanadium	14		5.7	0.94	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1
Zinc	58		5.7	1.6	mg/Kg	☼	11/16/22 15:00	11/17/22 17:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	J	0.11	0.021	mg/Kg	☼	11/16/22 15:00	11/17/22 12:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.0		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	83.0		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV12-0-0.5 — Lab Sample ID: 180-147956-17

Date Collected: 11/15/22 14:15 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 83.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.1	5.8	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Benzene	ND		1.0	0.26	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Bromoform	ND	*-	1.0	0.43	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Bromomethane	ND		2.0	1.0	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
2-Butanone (MEK)	ND		5.1	0.38	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Carbon disulfide	ND		1.0	0.27	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Carbon tetrachloride	ND		1.0	0.40	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Chlorodibromomethane	ND	*-	1.0	0.20	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Chloroethane	ND		1.0	0.53	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Chloroform	ND		1.0	0.99	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Chloromethane	ND		1.0	0.44	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
cis-1,2-Dichloroethene	ND		1.0	0.37	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Cyclohexane	ND		1.0	0.23	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.47	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,2-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV12-0-0.5 **Lab Sample ID: 180-147956-17**
Date Collected: 11/15/22 14:15 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.6**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,2-Dichloroethene, Total	ND		2.0	0.39	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,2-Dichloropropane	ND		1.0	0.43	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,4-Dioxane	ND		100	9.4	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Ethylbenzene	ND		1.0	0.20	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
2-Hexanone	ND		5.1	1.7	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Methyl acetate	ND		5.1	4.4	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Methylcyclohexane	ND		1.0	0.51	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Methylene Chloride	ND		2.0	1.2	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.1	1.6	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Methyl tert-butyl ether	ND		1.0	0.52	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
m-Xylene & p-Xylene	**0.34**	**J**	1.0	0.18	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
o-Xylene	**0.29**	**J**	1.0	0.20	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Styrene	ND		1.0	0.28	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Toluene	**0.66**	**J**	1.0	0.24	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
trans-1,3-Dichloropropene	ND	*-	1.0	0.27	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Trichloroethene	ND		1.0	0.33	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Vinyl chloride	ND		1.0	0.56	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1
Xylenes, Total	**0.63**	**J**	2.0	0.18	ug/Kg	☼	11/17/22 16:41	11/21/22 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*75 - 139*	*11/17/22 16:41*	*11/21/22 01:59*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 139*	*11/17/22 16:41*	*11/21/22 01:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 145*	*11/17/22 16:41*	*11/21/22 01:59*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*11/17/22 16:41*	*11/21/22 01:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Acenaphthylene	ND		390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Acetophenone	ND		390	19	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Anthracene	ND		390	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Atrazine	ND		160	23	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Benzaldehyde	ND		390	65	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Benzo[a]anthracene	**88**		39	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Benzo[a]pyrene	**93**		39	10	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Benzo[b]fluoranthene	**140**		39	10	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Benzo[g,h,i]perylene	**60**	**J**	390	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Benzo[k]fluoranthene	**58**		39	7.7	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
1,1'-Biphenyl	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1

Client Sample ID: SSHS-IRM5A2-SCV12-0-0.5 **Lab Sample ID: 180-147956-17**
Date Collected: 11/15/22 14:15 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		390	31	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Bis(2-chloroethyl)ether	ND		39	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Bis(2-ethylhexyl) phthalate	ND		390	21	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
4-Bromophenyl phenyl ether	ND		390	16	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Butyl benzyl phthalate	ND		390	18	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Caprolactam	ND		390	61	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Carbazole	ND		390	15	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
4-Chloroaniline	ND		390	70	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
4-Chloro-3-methylphenol	ND		390	22	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2-Chloronaphthalene	ND		390	18	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2-Chlorophenol	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
4-Chlorophenyl phenyl ether	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Chrysene	**110**	**J**	390	6.6	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Dibenz(a,h)anthracene	ND		39	17	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Dibenzofuran	ND		390	13	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
3,3'-Dichlorobenzidine	ND		160	59	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2,4-Dichlorophenol	ND		160	25	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Diethyl phthalate	ND		390	13	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2,4-Dimethylphenol	ND		390	47	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Dimethyl phthalate	ND		390	89	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Di-n-butyl phthalate	ND		390	15	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
4,6-Dinitro-2-methylphenol	ND		320	160	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2,4-Dinitrophenol	ND		320	190	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2,4-Dinitrotoluene	ND		80	42	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2,6-Dinitrotoluene	ND		80	28	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Di-n-octyl phthalate	ND	*+	390	21	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
1,4-Dioxane	ND		39	34	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Fluoranthene	**180**	**J**	390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Fluorene	ND		390	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Hexachlorobenzene	ND		39	19	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Hexachlorobutadiene	ND		80	8.4	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Hexachlorocyclopentadiene	ND		390	35	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Hexachloroethane	ND		39	13	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Indeno[1,2,3-cd]pyrene	**68**		39	15	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Isophorone	ND		160	110	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2-Methylnaphthalene	**18**	**J**	390	11	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2-Methylphenol	ND		390	15	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Methylphenol, 3 & 4	ND		390	25	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Naphthalene	**13**	**J**	390	6.8	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
3-Nitroaniline	ND		390	93	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
4-Nitroaniline	ND		390	45	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Nitrobenzene	ND		39	22	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2-Nitrophenol	ND		390	39	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
4-Nitrophenol	ND		800	64	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
N-Nitrosodi-n-propylamine	ND		39	29	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
N-Nitrosodiphenylamine	ND		390	32	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2,2'-oxybis[1-chloropropane]	ND		390	7.1	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Pentachlorophenol	ND		320	81	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV12-0-0.5 **Lab Sample ID: 180-147956-17**
Date Collected: 11/15/22 14:15 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**76**	**J**	390	6.9	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Phenol	ND		390	14	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
Pyrene	**140**	**J**	390	9.8	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
1,2,4,5-Tetrachlorobenzene	ND		390	12	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2,3,4,6-Tetrachlorophenol	ND		390	27	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2,4,5-Trichlorophenol	ND		390	40	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1
2,4,6-Trichlorophenol	ND		160	50	ug/Kg	☼	11/17/22 22:32	11/18/22 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*22 - 122*	*11/17/22 22:32*	*11/18/22 17:54*	*1*
2-Fluorophenol (Surr)	*66*		*18 - 123*	*11/17/22 22:32*	*11/18/22 17:54*	*1*
Nitrobenzene-d5 (Surr)	*77*		*16 - 125*	*11/17/22 22:32*	*11/18/22 17:54*	*1*
Phenol-d5 (Surr)	*78*		*23 - 120*	*11/17/22 22:32*	*11/18/22 17:54*	*1*
Terphenyl-d14 (Surr)	*86*		*25 - 126*	*11/17/22 22:32*	*11/18/22 17:54*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 123*	*11/17/22 22:32*	*11/18/22 17:54*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	11/18/22 10:15	11/29/22 02:00	1
PCB-1221	ND		19	6.9	ug/Kg	☼	11/18/22 10:15	11/29/22 02:00	1
PCB-1232	ND		19	4.7	ug/Kg	☼	11/18/22 10:15	11/29/22 02:00	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:15	11/29/22 02:00	1
PCB-1248	ND		19	4.7	ug/Kg	☼	11/18/22 10:15	11/29/22 02:00	1
PCB-1254	ND		19	5.8	ug/Kg	☼	11/18/22 10:15	11/29/22 02:00	1
PCB-1260	ND		19	5.5	ug/Kg	☼	11/18/22 10:15	11/29/22 02:00	1
PCB-1262	ND		19	6.8	ug/Kg	☼	11/18/22 10:15	11/29/22 02:00	1
PCB-1268	ND		19	2.6	ug/Kg	☼	11/18/22 10:15	11/29/22 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*59*	*S1-*	*63 - 138*	*11/18/22 10:15*	*11/29/22 02:00*	*1*
DCB Decachlorobiphenyl (Surr)	*60*	*S1-*	*63 - 138*	*11/18/22 10:15*	*11/29/22 02:00*	*1*
Tetrachloro-m-xylene (Surr)	*68*		*55 - 135*	*11/18/22 10:15*	*11/29/22 02:00*	*1*
Tetrachloro-m-xylene (Surr)	*67*		*55 - 135*	*11/18/22 10:15*	*11/29/22 02:00*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7400**		21	5.5	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Antimony	ND		2.1	0.37	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Arsenic	**8.2**		1.6	0.33	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Barium	**80**		21	0.38	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Beryllium	**0.40**	**J**	0.52	0.056	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Cadmium	**0.70**		0.52	0.050	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Calcium	**9500**		520	38	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Chromium	**12**		1.0	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Cobalt	**6.4**		1.0	0.21	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Copper	**23**		2.6	0.25	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Iron	**16000**		21	7.2	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Lead	**100**		1.0	0.29	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Magnesium	**4200**		520	48	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Manganese	**410**		1.6	1.2	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1

Client Sample ID: SSHS-IRM5A2-SCV12-0-0.5 Lab Sample ID: 180-147956-17

Date Collected: 11/15/22 14:15 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 83.6**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	16		4.2	0.24	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Potassium	860		520	82	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Selenium	1.1	J	2.1	0.49	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Silver	ND		1.0	0.084	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Sodium	ND		520	65	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Thallium	ND		2.1	0.41	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Vanadium	12		5.2	0.85	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1
Zinc	590		5.2	1.4	mg/Kg	☼	11/16/22 15:00	11/17/22 17:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	J	0.13	0.023	mg/Kg	☼	11/16/22 15:00	11/17/22 12:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.4		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	83.6		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV12-0.5-1 Lab Sample ID: 180-147956-18

Date Collected: 11/15/22 14:20 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 91.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.2	5.9	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Benzene	ND		1.0	0.27	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Bromoform	ND	*-	1.0	0.44	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Bromomethane	ND		2.1	1.0	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
2-Butanone (MEK)	ND		5.2	0.38	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Carbon disulfide	ND		1.0	0.28	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Carbon tetrachloride	ND		1.0	0.40	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Chlorobenzene	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Chlorobromomethane	ND		1.0	0.29	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Chlorodibromomethane	ND	*-	1.0	0.20	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Chloroethane	ND		1.0	0.54	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Chloroform	ND		1.0	1.0	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Chloromethane	ND		1.0	0.45	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
cis-1,2-Dichloroethene	ND		1.0	0.37	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Cyclohexane	ND		1.0	0.23	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.48	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,2-Dibromoethane	ND		1.0	0.19	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,2-Dichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,3-Dichlorobenzene	ND		1.0	0.38	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Dichlorobromomethane	ND		1.0	0.27	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,2-Dichloroethane	ND		1.0	0.31	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV12-0.5-1 **Lab Sample ID: 180-147956-18**
Date Collected: 11/15/22 14:20 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 91.7**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		2.1	0.40	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,2-Dichloropropane	ND		1.0	0.44	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,4-Dioxane	ND		100	9.5	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Ethylbenzene	ND		1.0	0.21	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
2-Hexanone	ND		5.2	1.8	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Isopropylbenzene	ND		1.0	0.30	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Methyl acetate	ND		5.2	4.5	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Methylcyclohexane	ND		1.0	0.52	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Methylene Chloride	ND		2.1	1.2	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.2	1.6	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Methyl tert-butyl ether	ND		1.0	0.53	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
m-Xylene & p-Xylene	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
o-Xylene	ND		1.0	0.20	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Styrene	ND		1.0	0.29	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Tetrachloroethene	ND		1.0	0.32	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Toluene	ND		1.0	0.24	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
trans-1,2-Dichloroethene	ND		1.0	0.26	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
trans-1,3-Dichloropropene	ND	*-	1.0	0.28	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,2,3-Trichlorobenzene	ND		1.0	0.19	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.37	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Trichloroethene	ND		1.0	0.33	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Trichlorofluoromethane	ND		1.0	0.42	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Vinyl chloride	ND		1.0	0.57	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1
Xylenes, Total	ND		2.1	0.18	ug/Kg	☼	11/17/22 16:42	11/21/22 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*75 - 139*	*11/17/22 16:42*	*11/21/22 02:21*	*1*
Dibromofluoromethane (Surr)	*110*		*73 - 139*	*11/17/22 16:42*	*11/21/22 02:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 145*	*11/17/22 16:42*	*11/21/22 02:21*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*11/17/22 16:42*	*11/21/22 02:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	10	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Acenaphthylene	ND		360	10	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Acetophenone	ND		360	18	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Anthracene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Atrazine	ND		140	21	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Benzaldehyde	ND		360	60	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Benzo[a]anthracene	**53**		36	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Benzo[a]pyrene	**50**		36	9.6	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Benzo[b]fluoranthene	**75**		36	9.3	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Benzo[g,h,i]perylene	**30**	**J**	360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Benzo[k]fluoranthene	**28**	**J**	36	7.1	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
1,1'-Biphenyl	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Bis(2-chloroethoxy)methane	ND		360	28	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1

Client Sample ID: SSHS-IRM5A2-SCV12-0.5-1 **Lab Sample ID: 180-147956-18**
Date Collected: 11/15/22 14:20 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 91.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		36	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Bis(2-ethylhexyl) phthalate	ND		360	19	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
4-Bromophenyl phenyl ether	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Butyl benzyl phthalate	ND		360	17	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Caprolactam	ND		360	56	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Carbazole	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
4-Chloroaniline	ND		360	64	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
4-Chloro-3-methylphenol	ND		360	20	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2-Chloronaphthalene	ND		360	17	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2-Chlorophenol	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
4-Chlorophenyl phenyl ether	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Chrysene	**56**	**J**	360	6.1	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Dibenz(a,h)anthracene	ND		36	16	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Dibenzofuran	ND		360	12	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
3,3'-Dichlorobenzidine	ND		140	54	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2,4-Dichlorophenol	ND		140	23	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Diethyl phthalate	ND		360	12	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2,4-Dimethylphenol	ND		360	43	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Dimethyl phthalate	ND		360	82	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Di-n-butyl phthalate	ND		360	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
4,6-Dinitro-2-methylphenol	ND		290	150	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2,4-Dinitrophenol	ND		290	180	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2,4-Dinitrotoluene	ND		73	39	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2,6-Dinitrotoluene	ND		73	26	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Di-n-octyl phthalate	ND	*+	360	19	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
1,4-Dioxane	ND		36	31	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Fluoranthene	**86**	**J**	360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Fluorene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Hexachlorobenzene	ND		36	17	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Hexachlorobutadiene	ND		73	7.7	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Hexachlorocyclopentadiene	ND		360	32	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Hexachloroethane	ND		36	12	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Indeno[1,2,3-cd]pyrene	**37**		36	14	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Isophorone	ND		140	100	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2-Methylnaphthalene	ND		360	10	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2-Methylphenol	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Methylphenol, 3 & 4	ND		360	23	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Naphthalene	**11**	**J**	360	6.2	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
3-Nitroaniline	ND		360	85	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
4-Nitroaniline	ND		360	41	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Nitrobenzene	ND		36	20	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2-Nitrophenol	ND		360	36	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
4-Nitrophenol	ND		730	59	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
N-Nitrosodi-n-propylamine	ND		36	26	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
N-Nitrosodiphenylamine	ND		360	30	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2,2'-oxybis[1-chloropropane]	ND		360	6.5	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Pentachlorophenol	ND		290	74	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Phenanthrene	**35**	**J**	360	6.3	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1

Client Sample ID: SSHS-IRM5A2-SCV12-0.5-1 **Lab Sample ID: 180-147956-18**
Date Collected: 11/15/22 14:20 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 91.7**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		360	13	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
Pyrene	**77**	**J**	360	9.0	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
1,2,4,5-Tetrachlorobenzene	ND		360	11	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2,3,4,6-Tetrachlorophenol	ND		360	24	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2,4,5-Trichlorophenol	ND		360	37	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1
2,4,6-Trichlorophenol	ND		140	46	ug/Kg	☼	11/17/22 22:32	11/18/22 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*22 - 122*	*11/17/22 22:32*	*11/18/22 14:51*	*1*
2-Fluorophenol (Surr)	*65*		*18 - 123*	*11/17/22 22:32*	*11/18/22 14:51*	*1*
Nitrobenzene-d5 (Surr)	*77*		*16 - 125*	*11/17/22 22:32*	*11/18/22 14:51*	*1*
Phenol-d5 (Surr)	*74*		*23 - 120*	*11/17/22 22:32*	*11/18/22 14:51*	*1*
Terphenyl-d14 (Surr)	*85*		*25 - 126*	*11/17/22 22:32*	*11/18/22 14:51*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*10 - 123*	*11/17/22 22:32*	*11/18/22 14:51*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	11/18/22 10:15	11/29/22 01:41	1
PCB-1221	ND		18	6.3	ug/Kg	☼	11/18/22 10:15	11/29/22 01:41	1
PCB-1232	ND		18	4.3	ug/Kg	☼	11/18/22 10:15	11/29/22 01:41	1
PCB-1242	ND		18	2.6	ug/Kg	☼	11/18/22 10:15	11/29/22 01:41	1
PCB-1248	ND		18	4.2	ug/Kg	☼	11/18/22 10:15	11/29/22 01:41	1
PCB-1254	ND		18	5.3	ug/Kg	☼	11/18/22 10:15	11/29/22 01:41	1
PCB-1260	ND		18	5.0	ug/Kg	☼	11/18/22 10:15	11/29/22 01:41	1
PCB-1262	ND		18	6.2	ug/Kg	☼	11/18/22 10:15	11/29/22 01:41	1
PCB-1268	ND		18	2.4	ug/Kg	☼	11/18/22 10:15	11/29/22 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*47*	*S1-*	*63 - 138*	*11/18/22 10:15*	*11/29/22 01:41*	*1*
DCB Decachlorobiphenyl (Surr)	*47*	*S1-*	*63 - 138*	*11/18/22 10:15*	*11/29/22 01:41*	*1*
Tetrachloro-m-xylene (Surr)	*56*		*55 - 135*	*11/18/22 10:15*	*11/29/22 01:41*	*1*
Tetrachloro-m-xylene (Surr)	*54*	*S1-*	*55 - 135*	*11/18/22 10:15*	*11/29/22 01:41*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7800**		20	5.2	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Antimony	ND		2.0	0.35	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Arsenic	**7.4**		1.5	0.31	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Barium	**110**		20	0.36	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Beryllium	**0.40**	**J**	0.49	0.053	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Cadmium	**0.16**	**J**	0.49	0.047	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Calcium	**3400**		490	36	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Chromium	**11**		0.98	0.34	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Cobalt	**7.5**		0.98	0.20	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Copper	**15**		2.5	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Iron	**17000**		20	6.8	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Lead	**41**		0.98	0.28	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Magnesium	**2600**		490	45	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Manganese	**600**		1.5	1.1	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Nickel	**16**		3.9	0.23	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1

Client Sample ID: SSHS-IRM5A2-SCV12-0.5-1 Lab Sample ID: 180-147956-18

Date Collected: 11/15/22 14:20 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 91.7**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	900		490	78	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Selenium	ND		2.0	0.46	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Silver	0.091	J	0.98	0.080	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Sodium	ND		490	62	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Thallium	ND		2.0	0.39	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Vanadium	11		4.9	0.81	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1
Zinc	130		4.9	1.3	mg/Kg	☼	11/16/22 15:00	11/17/22 17:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050	J	0.12	0.021	mg/Kg	☼	11/16/22 15:00	11/17/22 12:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	8.3		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	91.7		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5 Lab Sample ID: 180-147956-19

Date Collected: 11/15/22 14:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.7	J F1	7.8	7.4	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Benzene	ND	F1	1.3	0.33	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Bromoform	ND	F1 *-	1.3	0.55	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Bromomethane	ND	F1	2.6	1.3	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
2-Butanone (MEK)	ND	F1	6.5	0.48	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Carbon disulfide	ND	F1	1.3	0.35	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Carbon tetrachloride	ND	F1	1.3	0.50	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Chlorobenzene	ND	F1	1.3	0.23	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Chlorobromomethane	ND	F1	1.3	0.36	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Chlorodibromomethane	ND	F1 *-	1.3	0.25	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Chloroethane	ND		1.3	0.68	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Chloroform	ND	F1	1.3	1.3	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Chloromethane	ND		1.3	0.56	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
cis-1,2-Dichloroethene	ND	F1	1.3	0.46	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
cis-1,3-Dichloropropene	ND	F1	1.3	0.35	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Cyclohexane	ND		1.3	0.29	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,2-Dibromo-3-Chloropropane	ND	F1	1.3	0.60	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,2-Dibromoethane	ND	F1	1.3	0.23	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,2-Dichlorobenzene	ND	F1 F2	1.3	0.47	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,3-Dichlorobenzene	ND	F1	1.3	0.47	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,4-Dichlorobenzene	ND	F1	1.3	0.29	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Dichlorobromomethane	ND	F1	1.3	0.33	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Dichlorodifluoromethane	ND		1.3	0.44	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,1-Dichloroethane	ND	F1	1.3	0.27	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,2-Dichloroethane	ND	F1	1.3	0.38	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,1-Dichloroethene	ND		1.3	0.29	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,2-Dichloroethene, Total	ND	F1	2.6	0.50	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1

Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5 **Lab Sample ID: 180-147956-19**
Date Collected: 11/15/22 14:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.5**

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND	F1	1.3	0.55	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,4-Dioxane	ND		130	12	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Ethylbenzene	ND	F1	1.3	0.26	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
2-Hexanone	ND	F1	6.5	2.2	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Isopropylbenzene	ND	F1	1.3	0.37	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Methyl acetate	ND		6.5	5.6	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Methylcyclohexane	ND	F1	1.3	0.65	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Methylene Chloride	ND		2.6	1.5	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
4-Methyl-2-pentanone (MIBK)	ND	F1	6.5	2.0	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Methyl tert-butyl ether	ND	F1	1.3	0.66	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
m-Xylene & p-Xylene	ND	F1	1.3	0.23	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
o-Xylene	ND	F1	1.3	0.25	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Styrene	ND	F1	1.3	0.36	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,1,2,2-Tetrachloroethane	ND	F1	1.3	0.28	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Tetrachloroethene	ND	F1	1.3	0.40	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Toluene	ND	F1	1.3	0.30	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
trans-1,2-Dichloroethene	ND	F1	1.3	0.32	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
trans-1,3-Dichloropropene	ND	F1 *-	1.3	0.35	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,2,3-Trichlorobenzene	ND	F1	1.3	0.23	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,2,4-Trichlorobenzene	ND	F1	1.3	0.46	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,1,1-Trichloroethane	ND	F1	1.3	0.30	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,1,2-Trichloroethane	ND	F1	1.3	0.23	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Trichloroethene	ND	F1	1.3	0.42	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Trichlorofluoromethane	ND		1.3	0.53	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.3	0.39	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Vinyl chloride	ND		1.3	0.71	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1
Xylenes, Total	ND	F1	2.6	0.23	ug/Kg	☼	11/17/22 16:42	11/21/22 02:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*75 - 139*	*11/17/22 16:42*	*11/21/22 02:44*	*1*
Dibromofluoromethane (Surr)	*112*		*73 - 139*	*11/17/22 16:42*	*11/21/22 02:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*72 - 145*	*11/17/22 16:42*	*11/21/22 02:44*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*11/17/22 16:42*	*11/21/22 02:44*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Acenaphthylene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Acetophenone	ND		380	19	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Anthracene	ND		380	12	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Atrazine	ND		150	23	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Benzaldehyde	ND		380	64	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Benzo[a]anthracene	**51**		38	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Benzo[a]pyrene	**49**		38	10	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Benzo[b]fluoranthene	**71**		38	10	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Benzo[g,h,i]perylene	**53**	**J**	380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Benzo[k]fluoranthene	**34**	**J**	38	7.6	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
1,1'-Biphenyl	ND		380	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Bis(2-chloroethoxy)methane	ND		380	30	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Bis(2-chloroethyl)ether	ND		38	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1

Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5 **Lab Sample ID: 180-147956-19**
Date Collected: 11/15/22 14:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	**57**	**J**	380	20	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
4-Bromophenyl phenyl ether	ND		380	15	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Butyl benzyl phthalate	**280**	**J**	380	18	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Caprolactam	ND		380	60	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Carbazole	ND		380	15	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
4-Chloroaniline	ND		380	68	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
4-Chloro-3-methylphenol	ND		380	22	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2-Chloronaphthalene	ND		380	18	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2-Chlorophenol	ND		380	14	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
4-Chlorophenyl phenyl ether	ND		380	14	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Chrysene	**55**	**J**	380	6.5	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Dibenz(a,h)anthracene	ND		38	17	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Dibenzofuran	ND		380	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
3,3'-Dichlorobenzidine	ND		150	58	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2,4-Dichlorophenol	ND		150	25	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Diethyl phthalate	ND		380	12	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2,4-Dimethylphenol	ND		380	46	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Dimethyl phthalate	ND		380	88	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Di-n-butyl phthalate	**33**	**J**	380	15	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
4,6-Dinitro-2-methylphenol	ND		310	160	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2,4-Dinitrophenol	ND		310	190	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2,4-Dinitrotoluene	ND		78	41	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2,6-Dinitrotoluene	ND		78	28	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Di-n-octyl phthalate	ND	*+	380	20	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
1,4-Dioxane	ND		38	34	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Fluoranthene	**97**	**J**	380	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Fluorene	ND		380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Hexachlorobenzene	ND		38	18	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Hexachlorobutadiene	ND		78	8.2	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Hexachlorocyclopentadiene	ND		380	34	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Hexachloroethane	ND		38	13	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Indeno[1,2,3-cd]pyrene	**41**		38	15	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Isophorone	ND		150	110	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2-Methylnaphthalene	**11**	**J**	380	11	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2-Methylphenol	ND		380	14	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Methylphenol, 3 & 4	ND		380	24	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Naphthalene	**13**	**J**	380	6.7	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
3-Nitroaniline	ND		380	91	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
4-Nitroaniline	ND		380	44	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Nitrobenzene	ND		38	21	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2-Nitrophenol	ND		380	39	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
4-Nitrophenol	ND		780	63	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
N-Nitrosodi-n-propylamine	ND		38	28	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
N-Nitrosodiphenylamine	ND		380	32	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2,2'-oxybis[1-chloropropane]	ND		380	7.0	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Pentachlorophenol	ND		310	79	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Phenanthrene	**43**	**J**	380	6.8	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
Phenol	ND		380	14	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1

Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5 **Lab Sample ID: 180-147956-19**
Date Collected: 11/15/22 14:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.5**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**77**	**J**	380	9.6	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
1,2,4,5-Tetrachlorobenzene	ND		380	12	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2,3,4,6-Tetrachlorophenol	ND		380	26	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2,4,5-Trichlorophenol	ND		380	39	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1
2,4,6-Trichlorophenol	ND		150	49	ug/Kg	☼	11/17/22 22:32	11/18/22 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*22 - 122*	*11/17/22 22:32*	*11/18/22 18:40*	*1*
2-Fluorophenol (Surr)	*66*		*18 - 123*	*11/17/22 22:32*	*11/18/22 18:40*	*1*
Nitrobenzene-d5 (Surr)	*81*		*16 - 125*	*11/17/22 22:32*	*11/18/22 18:40*	*1*
Phenol-d5 (Surr)	*77*		*23 - 120*	*11/17/22 22:32*	*11/18/22 18:40*	*1*
Terphenyl-d14 (Surr)	*85*		*25 - 126*	*11/17/22 22:32*	*11/18/22 18:40*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 123*	*11/17/22 22:32*	*11/18/22 18:40*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	11/18/22 10:15	11/28/22 19:21	1
PCB-1221	ND		19	6.7	ug/Kg	☼	11/18/22 10:15	11/28/22 19:21	1
PCB-1232	ND		19	4.6	ug/Kg	☼	11/18/22 10:15	11/28/22 19:21	1
PCB-1242	ND		19	2.8	ug/Kg	☼	11/18/22 10:15	11/28/22 19:21	1
PCB-1248	ND		19	4.5	ug/Kg	☼	11/18/22 10:15	11/28/22 19:21	1
PCB-1254	ND		19	5.7	ug/Kg	☼	11/18/22 10:15	11/28/22 19:21	1
PCB-1260	**11**	**J**	19	5.4	ug/Kg	☼	11/18/22 10:15	11/28/22 19:21	1
PCB-1262	ND		19	6.6	ug/Kg	☼	11/18/22 10:15	11/28/22 19:21	1
PCB-1268	ND		19	2.5	ug/Kg	☼	11/18/22 10:15	11/28/22 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*	*11/18/22 10:15*	*11/28/22 19:21*	*1*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*11/18/22 10:15*	*11/28/22 19:21*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*55 - 135*	*11/18/22 10:15*	*11/28/22 19:21*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*55 - 135*	*11/18/22 10:15*	*11/28/22 19:21*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6600**		22	5.8	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Antimony	ND	F1	2.2	0.39	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Arsenic	**5.1**		1.6	0.35	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Barium	**95**		22	0.40	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Beryllium	**0.31**	**J**	0.55	0.059	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Cadmium	**1.0**		0.55	0.052	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Calcium	**8000**	**F1 F2**	550	40	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Chromium	**11**		1.1	0.38	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Cobalt	**5.1**		1.1	0.22	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Copper	**19**		2.7	0.26	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Iron	**12000**		22	7.6	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Lead	**220**	**F1**	1.1	0.31	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Magnesium	**3000**	**F1 F2**	550	50	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Manganese	**420**		1.6	1.2	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Nickel	**12**		4.4	0.25	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Potassium	**950**		550	87	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1

Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5 Lab Sample ID: 180-147956-19

Date Collected: 11/15/22 14:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.5**

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**1.0**	**J**	2.2	0.51	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Silver	ND		1.1	0.089	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Sodium	**100**	**J B**	550	69	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Thallium	ND		2.2	0.44	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Vanadium	**11**		5.5	0.90	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1
Zinc	**590**		5.5	1.5	mg/Kg	☼	11/21/22 15:00	11/22/22 20:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.086**	**J**	0.13	0.023	mg/Kg	☼	11/16/22 15:00	11/17/22 11:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.5**		1.0	1.0	%			11/17/22 17:37	1
Percent Solids (EPA Moisture)	**85.5**		1.0	1.0	%			11/17/22 17:37	1

Client Sample ID: BLANK TERRACORE 1 LOT 0110901H Lab Sample ID: 180-147956-20

Date Collected: 11/15/22 00:00 **Matrix: Solid**
Date Received: 11/16/22 09:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Benzene	**0.37**	**J**	1.0	0.26	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Bromoform	ND	*-	1.0	0.43	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Bromomethane	ND		2.0	1.0	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Carbon disulfide	ND		1.0	0.27	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Chlorobenzene	ND		1.0	0.18	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Chlorodibromomethane	ND	*-	1.0	0.19	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Chloroethane	ND		1.0	0.52	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Chloroform	ND		1.0	0.97	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Chloromethane	ND		1.0	0.44	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Cyclohexane	ND		1.0	0.22	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg		11/17/22 16:44	11/20/22 19:38	1

Client Sample ID: BLANK TERRACORE 1 LOT 0110901H **Lab Sample ID: 180-147956-20**
Date Collected: 11/15/22 00:00 **Matrix: Solid**
Date Received: 11/16/22 09:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		100	9.2	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Ethylbenzene	ND		1.0	0.20	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
2-Hexanone	ND		5.0	1.7	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Methyl acetate	ND		5.0	4.3	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Methylcyclohexane	**0.61**	**J**	1.0	0.50	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Methylene Chloride	**1.6**	**J**	2.0	1.1	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
m-Xylene & p-Xylene	**0.55**	**J**	1.0	0.17	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
o-Xylene	**0.22**	**J**	1.0	0.19	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Styrene	ND		1.0	0.28	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Toluene	**2.3**		1.0	0.23	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
trans-1,3-Dichloropropene	ND	*-	1.0	0.27	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Trichloroethene	ND		1.0	0.32	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Vinyl chloride	ND		1.0	0.55	ug/Kg		11/17/22 16:44	11/20/22 19:38	1
Xylenes, Total	**0.77**	**J**	2.0	0.17	ug/Kg		11/17/22 16:44	11/20/22 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*75 - 139*	*11/17/22 16:44*	*11/20/22 19:38*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 139*	*11/17/22 16:44*	*11/20/22 19:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*	*11/17/22 16:44*	*11/20/22 19:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/17/22 16:44*	*11/20/22 19:38*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 180-147956-8 MS **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879171 **Prep Batch: 878537**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	F1 F2	93.8	90.1		ug/Kg	☼	96	63 - 131
Benzene	ND		18.8	16.0		ug/Kg	☼	86	80 - 123
Bromoform	ND	F1 *-	18.8	10.4	F1	ug/Kg	☼	55	70 - 125
Bromomethane	ND		18.8	17.0		ug/Kg	☼	90	64 - 150
2-Butanone (MEK)	ND		93.8	73.1		ug/Kg	☼	78	75 - 120
Carbon disulfide	ND		18.8	15.1		ug/Kg	☼	80	76 - 120
Carbon tetrachloride	ND	F1	18.8	12.4	F1	ug/Kg	☼	66	77 - 121
Chlorobenzene	ND	F1	18.8	14.3	F1	ug/Kg	☼	76	80 - 120
Chlorobromomethane	ND		18.8	15.7		ug/Kg	☼	84	76 - 127
Chlorodibromomethane	ND	F1 *-	18.8	11.4	F1	ug/Kg	☼	61	80 - 120
Chloroethane	ND		18.8	16.7		ug/Kg	☼	89	68 - 132
Chloroform	ND		18.8	15.5		ug/Kg	☼	83	79 - 126
Chloromethane	ND		18.8	18.2		ug/Kg	☼	97	63 - 130
cis-1,2-Dichloroethene	ND	F1	18.8	14.7	F1	ug/Kg	☼	79	80 - 123
cis-1,3-Dichloropropene	ND	F1	18.8	12.9	F1	ug/Kg	☼	69	80 - 120
Cyclohexane	ND		18.8	15.7		ug/Kg	☼	84	70 - 132
1,2-Dibromo-3-Chloropropane	ND	F1 F2	18.8	12.0		ug/Kg	☼	64	60 - 124
1,2-Dibromoethane	ND	F1	18.8	13.1	F1	ug/Kg	☼	70	79 - 120
1,2-Dichlorobenzene	ND	F1 F2	18.8	14.1	F1	ug/Kg	☼	75	80 - 120
1,3-Dichlorobenzene	ND	F1	18.8	12.7	F1	ug/Kg	☼	68	80 - 120
1,4-Dichlorobenzene	ND	F1 F2	18.8	13.3	F1	ug/Kg	☼	71	80 - 120
Dichlorobromomethane	ND	F1	18.8	12.8	F1	ug/Kg	☼	68	73 - 124
Dichlorodifluoromethane	ND		18.8	15.1		ug/Kg	☼	80	62 - 150
1,1-Dichloroethane	ND		18.8	15.9		ug/Kg	☼	85	77 - 129
1,2-Dichloroethane	ND	F1	18.8	13.9	F1	ug/Kg	☼	74	75 - 123
1,1-Dichloroethene	ND		18.8	15.8		ug/Kg	☼	84	70 - 132
1,2-Dichloroethene, Total	ND	F1	37.5	29.8		ug/Kg	☼	79	79 - 125
1,2-Dichloropropane	ND		18.8	14.6		ug/Kg	☼	78	73 - 124
1,4-Dioxane	ND		375	398		ug/Kg	☼	106	80 - 136
Ethylbenzene	ND	F1	18.8	13.6	F1	ug/Kg	☼	73	76 - 120
2-Hexanone	ND	F1	93.8	67.5		ug/Kg	☼	72	70 - 128
Isopropylbenzene	ND	F1	18.8	14.4	F1	ug/Kg	☼	77	80 - 120
Methyl acetate	ND	F1	37.5	50.3		ug/Kg	☼	134	58 - 143
Methylcyclohexane	ND		18.8	14.0		ug/Kg	☼	75	70 - 133
Methylene Chloride	ND		18.8	16.8		ug/Kg	☼	89	76 - 120
4-Methyl-2-pentanone (MIBK)	ND		93.8	79.4		ug/Kg	☼	85	80 - 122
Methyl tert-butyl ether	ND		18.8	16.2		ug/Kg	☼	86	80 - 125
m-Xylene & p-Xylene	ND	F1	18.8	14.0	F1	ug/Kg	☼	75	80 - 120
o-Xylene	ND	F1	18.8	14.9	F1	ug/Kg	☼	79	80 - 120
Styrene	ND	F1	18.8	13.4	F1	ug/Kg	☼	71	80 - 120
1,1,2,2-Tetrachloroethane	ND	F1	18.8	14.4		ug/Kg	☼	77	66 - 123
Tetrachloroethene	ND	F1	18.8	14.0	F1	ug/Kg	☼	74	78 - 123
Toluene	0.26	J F1	18.8	14.6	F1	ug/Kg	☼	77	80 - 120
trans-1,2-Dichloroethene	ND	F1	18.8	15.0		ug/Kg	☼	80	78 - 120
trans-1,3-Dichloropropene	ND	F1 *-	18.8	12.8	F1	ug/Kg	☼	68	80 - 120
1,2,3-Trichlorobenzene	ND	F1 F2	18.8	12.6		ug/Kg	☼	67	44 - 120
1,2,4-Trichlorobenzene	ND	F1 F2	18.8	12.2	F1	ug/Kg	☼	65	68 - 150
1,1,1-Trichloroethane	ND	F1	18.8	14.4	F1	ug/Kg	☼	77	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147956-8 MS **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879171 **Prep Batch: 878537**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	ND	F1	18.8	15.3		ug/Kg	☼	82	80 - 120
Trichloroethene	ND	F1	18.8	12.9	F1	ug/Kg	☼	69	79 - 120
Trichlorofluoromethane	ND		18.8	16.3		ug/Kg	☼	87	76 - 142
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		18.8	14.9		ug/Kg	☼	80	75 - 141
Vinyl chloride	ND		18.8	16.6		ug/Kg	☼	89	72 - 131
Xylenes, Total	ND	F1	37.5	28.8	F1	ug/Kg	☼	77	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*75 - 139*
Dibromofluoromethane (Surr)	*106*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 180-147956-8 MSD **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879056 **Prep Batch: 878537**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	F1 F2	98.3	146	F1 F2	ug/Kg	☼	148	63 - 131	47	30
Benzene	ND		19.7	16.2		ug/Kg	☼	83	80 - 123	1	30
Bromoform	ND	F1 *-	19.7	8.81	F1	ug/Kg	☼	45	70 - 125	16	30
Bromomethane	ND		19.7	15.1		ug/Kg	☼	77	64 - 150	12	30
2-Butanone (MEK)	ND		98.3	73.4		ug/Kg	☼	75	75 - 120	0	30
Carbon disulfide	ND		19.7	15.6		ug/Kg	☼	79	76 - 120	3	30
Carbon tetrachloride	ND	F1	19.7	14.0	F1	ug/Kg	☼	71	77 - 121	12	30
Chlorobenzene	ND	F1	19.7	12.7	F1	ug/Kg	☼	65	80 - 120	12	30
Chlorobromomethane	ND		19.7	15.4		ug/Kg	☼	78	76 - 127	2	30
Chlorodibromomethane	ND	F1 *-	19.7	10.6	F1	ug/Kg	☼	54	80 - 120	7	30
Chloroethane	ND		19.7	18.0		ug/Kg	☼	92	68 - 132	8	30
Chloroform	ND		19.7	15.9		ug/Kg	☼	81	79 - 126	3	30
Chloromethane	ND		19.7	19.6		ug/Kg	☼	99	63 - 130	7	30
cis-1,2-Dichloroethene	ND	F1	19.7	15.0	F1	ug/Kg	☼	76	80 - 123	2	30
cis-1,3-Dichloropropene	ND	F1	19.7	10.7	F1	ug/Kg	☼	55	80 - 120	19	30
Cyclohexane	ND		19.7	17.4		ug/Kg	☼	88	70 - 132	10	30
1,2-Dibromo-3-Chloropropane	ND	F1 F2	19.7	8.09	F1 F2	ug/Kg	☼	41	60 - 124	39	30
1,2-Dibromoethane	ND	F1	19.7	11.4	F1	ug/Kg	☼	58	79 - 120	14	30
1,2-Dichlorobenzene	ND	F1 F2	19.7	10.2	F1 F2	ug/Kg	☼	52	80 - 120	32	30
1,3-Dichlorobenzene	ND	F1	19.7	9.53	F1	ug/Kg	☼	48	80 - 120	28	30
1,4-Dichlorobenzene	ND	F1 F2	19.7	9.61	F1 F2	ug/Kg	☼	49	80 - 120	32	30
Dichlorobromomethane	ND	F1	19.7	12.5	F1	ug/Kg	☼	64	73 - 124	2	30
Dichlorodifluoromethane	ND		19.7	18.6		ug/Kg	☼	94	62 - 150	21	30
1,1-Dichloroethane	ND		19.7	17.0		ug/Kg	☼	87	77 - 129	7	30
1,2-Dichloroethane	ND	F1	19.7	13.6	F1	ug/Kg	☼	69	75 - 123	2	30
1,1-Dichloroethene	ND		19.7	16.9		ug/Kg	☼	86	70 - 132	6	30
1,2-Dichloroethene, Total	ND	F1	39.3	30.1	F1	ug/Kg	☼	77	79 - 125	1	30
1,2-Dichloropropane	ND		19.7	15.6		ug/Kg	☼	79	73 - 124	7	30
1,4-Dioxane	ND		393	414		ug/Kg	☼	105	80 - 136	4	30
Ethylbenzene	ND	F1	19.7	13.0	F1	ug/Kg	☼	66	76 - 120	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147956-8 MSD **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879056 **Prep Batch: 878537**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone	ND	F1	98.3	55.4	F1	ug/Kg	☼	56	70 - 128	20	30
Isopropylbenzene	ND	F1	19.7	13.6	F1	ug/Kg	☼	69	80 - 120	6	30
Methyl acetate	ND	F1	39.3	62.4	F1	ug/Kg	☼	159	58 - 143	21	30
Methylcyclohexane	ND		19.7	15.4		ug/Kg	☼	78	70 - 133	9	30
Methylene Chloride	ND		19.7	16.8		ug/Kg	☼	85	76 - 120	0	30
4-Methyl-2-pentanone (MIBK)	ND		98.3	78.3		ug/Kg	☼	80	80 - 122	1	30
Methyl tert-butyl ether	ND		19.7	17.1		ug/Kg	☼	87	80 - 125	6	30
m-Xylene & p-Xylene	ND	F1	19.7	12.7	F1	ug/Kg	☼	65	80 - 120	9	30
o-Xylene	ND	F1	19.7	13.8	F1	ug/Kg	☼	70	80 - 120	8	30
Styrene	ND	F1	19.7	11.5	F1	ug/Kg	☼	58	80 - 120	15	30
1,1,2,2-Tetrachloroethane	ND	F1	19.7	12.8	F1	ug/Kg	☼	65	66 - 123	12	30
Tetrachloroethene	ND	F1	19.7	13.6	F1	ug/Kg	☼	69	78 - 123	3	30
Toluene	0.26	J F1	19.7	14.3	F1	ug/Kg	☼	71	80 - 120	2	30
trans-1,2-Dichloroethene	ND	F1	19.7	15.1	F1	ug/Kg	☼	77	78 - 120	1	30
trans-1,3-Dichloropropene	ND	F1 *-	19.7	10.2	F1	ug/Kg	☼	52	80 - 120	22	30
1,2,3-Trichlorobenzene	ND	F1 F2	19.7	6.80	F1 F2	ug/Kg	☼	35	44 - 120	60	30
1,2,4-Trichlorobenzene	ND	F1 F2	19.7	6.45	F1 F2	ug/Kg	☼	33	68 - 150	62	30
1,1,1-Trichloroethane	ND	F1	19.7	15.6		ug/Kg	☼	79	78 - 120	8	30
1,1,2-Trichloroethane	ND	F1	19.7	14.2	F1	ug/Kg	☼	72	80 - 120	8	30
Trichloroethene	ND	F1	19.7	13.2	F1	ug/Kg	☼	67	79 - 120	2	30
Trichlorofluoromethane	ND		19.7	17.4		ug/Kg	☼	88	76 - 142	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		19.7	17.3		ug/Kg	☼	88	75 - 141	15	30
Vinyl chloride	ND		19.7	17.7		ug/Kg	☼	90	72 - 131	6	30
Xylenes, Total	ND	F1	39.3	26.5	F1	ug/Kg	☼	67	80 - 120	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*75 - 139*
Dibromofluoromethane (Surr)	*108*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 180-147956-19 MS **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879056 **Prep Batch: 878537**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	7.7	J F1	109	171	F1	ug/Kg	☼	150	63 - 131
Benzene	ND	F1	21.8	16.1	F1	ug/Kg	☼	74	80 - 123
Bromoform	ND	F1 *-	21.8	7.04	F1	ug/Kg	☼	32	70 - 125
Bromomethane	ND	F1	21.8	13.6	F1	ug/Kg	☼	62	64 - 150
2-Butanone (MEK)	ND	F1	109	68.9	F1	ug/Kg	☼	63	75 - 120
Carbon disulfide	ND	F1	21.8	15.5	F1	ug/Kg	☼	71	76 - 120
Carbon tetrachloride	ND	F1	21.8	13.4	F1	ug/Kg	☼	61	77 - 121
Chlorobenzene	ND	F1	21.8	11.3	F1	ug/Kg	☼	52	80 - 120
Chlorobromomethane	ND	F1	21.8	16.6		ug/Kg	☼	76	76 - 127
Chlorodibromomethane	ND	F1 *-	21.8	8.77	F1	ug/Kg	☼	40	80 - 120
Chloroethane	ND		21.8	19.3		ug/Kg	☼	88	68 - 132
Chloroform	ND	F1	21.8	16.9	F1	ug/Kg	☼	77	79 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147956-19 MS **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879056 **Prep Batch: 878537**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	ND		21.8	20.0		ug/Kg	☼	92	63 - 130
cis-1,2-Dichloroethene	ND	F1	21.8	15.0	F1	ug/Kg	☼	69	80 - 123
cis-1,3-Dichloropropene	ND	F1	21.8	9.54	F1	ug/Kg	☼	44	80 - 120
Cyclohexane	ND		21.8	17.2		ug/Kg	☼	79	70 - 132
1,2-Dibromo-3-Chloropropane	ND	F1	21.8	8.08	F1	ug/Kg	☼	37	60 - 124
1,2-Dibromoethane	ND	F1	21.8	10.7	F1	ug/Kg	☼	49	79 - 120
1,2-Dichlorobenzene	ND	F1 F2	21.8	8.32	F1	ug/Kg	☼	38	80 - 120
1,3-Dichlorobenzene	ND	F1	21.8	7.68	F1	ug/Kg	☼	35	80 - 120
1,4-Dichlorobenzene	ND	F1	21.8	7.71	F1	ug/Kg	☼	35	80 - 120
Dichlorobromomethane	ND	F1	21.8	10.3	F1	ug/Kg	☼	47	73 - 124
Dichlorodifluoromethane	ND		21.8	18.8		ug/Kg	☼	86	62 - 150
1,1-Dichloroethane	ND	F1	21.8	17.1		ug/Kg	☼	79	77 - 129
1,2-Dichloroethane	ND	F1	21.8	14.1	F1	ug/Kg	☼	65	75 - 123
1,1-Dichloroethene	ND		21.8	17.6		ug/Kg	☼	81	70 - 132
1,2-Dichloroethene, Total	ND	F1	43.6	30.1	F1	ug/Kg	☼	69	79 - 125
1,2-Dichloropropane	ND	F1	21.8	15.4	F1	ug/Kg	☼	71	73 - 124
1,4-Dioxane	ND		436	474		ug/Kg	☼	109	80 - 136
Ethylbenzene	ND	F1	21.8	11.1	F1	ug/Kg	☼	51	76 - 120
2-Hexanone	ND	F1	109	55.6	F1	ug/Kg	☼	51	70 - 128
Isopropylbenzene	ND	F1	21.8	11.0	F1	ug/Kg	☼	50	80 - 120
Methyl acetate	ND		43.6	42.5		ug/Kg	☼	98	58 - 143
Methylcyclohexane	ND	F1	21.8	14.7	F1	ug/Kg	☼	68	70 - 133
Methylene Chloride	ND		21.8	18.8		ug/Kg	☼	86	76 - 120
4-Methyl-2-pentanone (MIBK)	ND	F1	109	76.7	F1	ug/Kg	☼	70	80 - 122
Methyl tert-butyl ether	ND	F1	21.8	18.5		ug/Kg	☼	85	80 - 125
m-Xylene & p-Xylene	ND	F1	21.8	11.2	F1	ug/Kg	☼	52	80 - 120
o-Xylene	ND	F1	21.8	11.5	F1	ug/Kg	☼	53	80 - 120
Styrene	ND	F1	21.8	9.25	F1	ug/Kg	☼	42	80 - 120
1,1,2,2-Tetrachloroethane	ND	F1	21.8	11.8	F1	ug/Kg	☼	54	66 - 123
Tetrachloroethene	ND	F1	21.8	12.3	F1	ug/Kg	☼	56	78 - 123
Toluene	ND	F1	21.8	13.1	F1	ug/Kg	☼	60	80 - 120
trans-1,2-Dichloroethene	ND	F1	21.8	15.1	F1	ug/Kg	☼	69	78 - 120
trans-1,3-Dichloropropene	ND	F1 *-	21.8	9.13	F1	ug/Kg	☼	42	80 - 120
1,2,3-Trichlorobenzene	ND	F1	21.8	4.53	F1	ug/Kg	☼	21	44 - 120
1,2,4-Trichlorobenzene	ND	F1	21.8	4.42	F1	ug/Kg	☼	20	68 - 150
1,1,1-Trichloroethane	ND	F1	21.8	16.3	F1	ug/Kg	☼	75	78 - 120
1,1,2-Trichloroethane	ND	F1	21.8	14.5	F1	ug/Kg	☼	66	80 - 120
Trichloroethene	ND	F1	21.8	13.1	F1	ug/Kg	☼	60	79 - 120
Trichlorofluoromethane	ND		21.8	18.6		ug/Kg	☼	85	76 - 142
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		21.8	17.8		ug/Kg	☼	82	75 - 141
Vinyl chloride	ND		21.8	19.3		ug/Kg	☼	89	72 - 131
Xylenes, Total	ND	F1	43.6	22.7	F1	ug/Kg	☼	52	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*75 - 139*
Dibromofluoromethane (Surr)	*110*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147956-19 MS **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879056 **Prep Batch: 878537**

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 180-147956-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879056 **Prep Batch: 878537**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	7.7	J F1	116	172	F1	ug/Kg	☼	141	63 - 131	1	30
Benzene	ND	F1	23.3	14.6	F1	ug/Kg	☼	63	80 - 123	10	30
Bromoform	ND	F1 *-	23.3	5.46	F1	ug/Kg	☼	23	70 - 125	25	30
Bromomethane	ND	F1	23.3	14.3	F1	ug/Kg	☼	61	64 - 150	5	30
2-Butanone (MEK)	ND	F1	116	65.9	F1	ug/Kg	☼	57	75 - 120	4	30
Carbon disulfide	ND	F1	23.3	14.9	F1	ug/Kg	☼	64	76 - 120	4	30
Carbon tetrachloride	ND	F1	23.3	12.1	F1	ug/Kg	☼	52	77 - 121	10	30
Chlorobenzene	ND	F1	23.3	9.73	F1	ug/Kg	☼	42	80 - 120	15	30
Chlorobromomethane	ND	F1	23.3	15.3	F1	ug/Kg	☼	66	76 - 127	8	30
Chlorodibromomethane	ND	F1 *-	23.3	7.59	F1	ug/Kg	☼	33	80 - 120	15	30
Chloroethane	ND		23.3	21.2		ug/Kg	☼	91	68 - 132	10	30
Chloroform	ND	F1	23.3	15.5	F1	ug/Kg	☼	67	79 - 126	9	30
Chloromethane	ND		23.3	20.9		ug/Kg	☼	90	63 - 130	5	30
cis-1,2-Dichloroethene	ND	F1	23.3	14.0	F1	ug/Kg	☼	60	80 - 123	7	30
cis-1,3-Dichloropropene	ND	F1	23.3	7.71	F1	ug/Kg	☼	33	80 - 120	21	30
Cyclohexane	ND		23.3	17.2		ug/Kg	☼	74	70 - 132	0	30
1,2-Dibromo-3-Chloropropane	ND	F1	23.3	6.89	F1	ug/Kg	☼	30	60 - 124	16	30
1,2-Dibromoethane	ND	F1	23.3	9.21	F1	ug/Kg	☼	40	79 - 120	15	30
1,2-Dichlorobenzene	ND	F1 F2	23.3	6.11	F1 F2	ug/Kg	☼	26	80 - 120	31	30
1,3-Dichlorobenzene	ND	F1	23.3	5.95	F1	ug/Kg	☼	26	80 - 120	25	30
1,4-Dichlorobenzene	ND	F1	23.3	6.14	F1	ug/Kg	☼	26	80 - 120	23	30
Dichlorobromomethane	ND	F1	23.3	9.71	F1	ug/Kg	☼	42	73 - 124	6	30
Dichlorodifluoromethane	ND		23.3	22.7		ug/Kg	☼	98	62 - 150	19	30
1,1-Dichloroethane	ND	F1	23.3	16.4	F1	ug/Kg	☼	70	77 - 129	5	30
1,2-Dichloroethane	ND	F1	23.3	13.4	F1	ug/Kg	☼	57	75 - 123	6	30
1,1-Dichloroethene	ND		23.3	17.7		ug/Kg	☼	76	70 - 132	1	30
1,2-Dichloroethene, Total	ND	F1	46.6	28.7	F1	ug/Kg	☼	62	79 - 125	5	30
1,2-Dichloropropane	ND	F1	23.3	14.6	F1	ug/Kg	☼	63	73 - 124	5	30
1,4-Dioxane	ND		466	421		ug/Kg	☼	90	80 - 136	12	30
Ethylbenzene	ND	F1	23.3	10.6	F1	ug/Kg	☼	45	76 - 120	5	30
2-Hexanone	ND	F1	116	48.6	F1	ug/Kg	☼	42	70 - 128	13	30
Isopropylbenzene	ND	F1	23.3	9.83	F1	ug/Kg	☼	42	80 - 120	11	30
Methyl acetate	ND		46.6	33.3		ug/Kg	☼	72	58 - 143	24	30
Methylcyclohexane	ND	F1	23.3	15.2	F1	ug/Kg	☼	65	70 - 133	3	30
Methylene Chloride	ND		23.3	19.0		ug/Kg	☼	82	76 - 120	1	30
4-Methyl-2-pentanone (MIBK)	ND	F1	116	72.4	F1	ug/Kg	☼	62	80 - 122	6	30
Methyl tert-butyl ether	ND	F1	23.3	17.5	F1	ug/Kg	☼	75	80 - 125	6	30
m-Xylene & p-Xylene	ND	F1	23.3	9.97	F1	ug/Kg	☼	43	80 - 120	12	30
o-Xylene	ND	F1	23.3	10.1	F1	ug/Kg	☼	43	80 - 120	13	30
Styrene	ND	F1	23.3	7.41	F1	ug/Kg	☼	32	80 - 120	22	30
1,1,2,2-Tetrachloroethane	ND	F1	23.3	10.3	F1	ug/Kg	☼	44	66 - 123	14	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-147956-19 MSD
Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 879056
Prep Batch: 878537

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene	ND	F1	23.3	11.1	F1	ug/Kg	☼	48	78 - 123	10	30
Toluene	ND	F1	23.3	12.0	F1	ug/Kg	☼	52	80 - 120	8	30
trans-1,2-Dichloroethene	ND	F1	23.3	14.7	F1	ug/Kg	☼	63	78 - 120	3	30
trans-1,3-Dichloropropene	ND	F1 *-	23.3	7.52	F1	ug/Kg	☼	32	80 - 120	19	30
1,2,3-Trichlorobenzene	ND	F1	23.3	3.38	F1	ug/Kg	☼	15	44 - 120	29	30
1,2,4-Trichlorobenzene	ND	F1	23.3	3.35	F1	ug/Kg	☼	14	68 - 150	28	30
1,1,1-Trichloroethane	ND	F1	23.3	15.5	F1	ug/Kg	☼	66	78 - 120	5	30
1,1,2-Trichloroethane	ND	F1	23.3	13.0	F1	ug/Kg	☼	56	80 - 120	11	30
Trichloroethene	ND	F1	23.3	11.9	F1	ug/Kg	☼	51	79 - 120	9	30
Trichlorofluoromethane	ND		23.3	22.1		ug/Kg	☼	95	76 - 142	17	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		23.3	18.8		ug/Kg	☼	81	75 - 141	5	30
Vinyl chloride	ND		23.3	21.4		ug/Kg	☼	92	72 - 131	10	30
Xylenes, Total	ND	F1	46.6	20.1	F1	ug/Kg	☼	43	80 - 120	12	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*75 - 139*
Dibromofluoromethane (Surr)	*106*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 145*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 460-879056/8
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 879056

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			11/20/22 19:16	1
Benzene	ND		1.0	0.26	ug/Kg			11/20/22 19:16	1
Bromoform	ND		1.0	0.43	ug/Kg			11/20/22 19:16	1
Bromomethane	ND		2.0	1.0	ug/Kg			11/20/22 19:16	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			11/20/22 19:16	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			11/20/22 19:16	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			11/20/22 19:16	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			11/20/22 19:16	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			11/20/22 19:16	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			11/20/22 19:16	1
Chloroethane	ND		1.0	0.52	ug/Kg			11/20/22 19:16	1
Chloroform	ND		1.0	0.97	ug/Kg			11/20/22 19:16	1
Chloromethane	ND		1.0	0.44	ug/Kg			11/20/22 19:16	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			11/20/22 19:16	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/20/22 19:16	1
Cyclohexane	ND		1.0	0.22	ug/Kg			11/20/22 19:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			11/20/22 19:16	1
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			11/20/22 19:16	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			11/20/22 19:16	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			11/20/22 19:16	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			11/20/22 19:16	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			11/20/22 19:16	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			11/20/22 19:16	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-879056/8 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879056

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			11/20/22 19:16	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			11/20/22 19:16	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			11/20/22 19:16	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			11/20/22 19:16	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			11/20/22 19:16	1
1,4-Dioxane	ND		100	9.2	ug/Kg			11/20/22 19:16	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			11/20/22 19:16	1
2-Hexanone	ND		5.0	1.7	ug/Kg			11/20/22 19:16	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			11/20/22 19:16	1
Methyl acetate	ND		5.0	4.3	ug/Kg			11/20/22 19:16	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			11/20/22 19:16	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			11/20/22 19:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			11/20/22 19:16	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			11/20/22 19:16	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			11/20/22 19:16	1
o-Xylene	ND		1.0	0.19	ug/Kg			11/20/22 19:16	1
Styrene	ND		1.0	0.28	ug/Kg			11/20/22 19:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			11/20/22 19:16	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			11/20/22 19:16	1
Toluene	ND		1.0	0.23	ug/Kg			11/20/22 19:16	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			11/20/22 19:16	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/20/22 19:16	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			11/20/22 19:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			11/20/22 19:16	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			11/20/22 19:16	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			11/20/22 19:16	1
Trichloroethene	ND		1.0	0.32	ug/Kg			11/20/22 19:16	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			11/20/22 19:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			11/20/22 19:16	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			11/20/22 19:16	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			11/20/22 19:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*75 - 139*		*11/20/22 19:16*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 139*		*11/20/22 19:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*		*11/20/22 19:16*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/20/22 19:16*	*1*

Lab Sample ID: LCS 460-879056/3 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879056

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	100		ug/Kg		100	63 - 131
Benzene	20.0	19.5		ug/Kg		98	80 - 123
Bromoform	20.0	13.8	*-	ug/Kg		69	70 - 125
Bromomethane	20.0	23.7		ug/Kg		118	64 - 150
2-Butanone (MEK)	100	94.3		ug/Kg		94	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879056/3 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879056

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	20.0	20.3		ug/Kg		102	76 - 120
Carbon tetrachloride	20.0	17.0		ug/Kg		85	77 - 121
Chlorobenzene	20.0	18.3		ug/Kg		91	80 - 120
Chlorobromomethane	20.0	20.8		ug/Kg		104	76 - 127
Chlorodibromomethane	20.0	14.6	*-	ug/Kg		73	80 - 120
Chloroethane	20.0	21.0		ug/Kg		105	68 - 132
Chloroform	20.0	19.0		ug/Kg		95	79 - 126
Chloromethane	20.0	24.0		ug/Kg		120	63 - 130
cis-1,2-Dichloroethene	20.0	19.3		ug/Kg		96	80 - 123
cis-1,3-Dichloropropene	20.0	16.8		ug/Kg		84	80 - 120
Cyclohexane	20.0	19.5		ug/Kg		97	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	14.3		ug/Kg		72	60 - 124
1,2-Dibromoethane	20.0	16.3		ug/Kg		82	79 - 120
1,2-Dichlorobenzene	20.0	19.1		ug/Kg		96	80 - 120
1,3-Dichlorobenzene	20.0	17.4		ug/Kg		87	80 - 120
1,4-Dichlorobenzene	20.0	17.8		ug/Kg		89	80 - 120
Dichlorobromomethane	20.0	16.0		ug/Kg		80	73 - 124
Dichlorodifluoromethane	20.0	21.5		ug/Kg		107	62 - 150
1,1-Dichloroethane	20.0	19.6		ug/Kg		98	77 - 129
1,2-Dichloroethane	20.0	17.8		ug/Kg		89	75 - 123
1,1-Dichloroethene	20.0	20.0		ug/Kg		100	70 - 132
1,2-Dichloroethene, Total	40.0	38.9		ug/Kg		97	79 - 125
1,2-Dichloropropane	20.0	17.8		ug/Kg		89	73 - 124
1,4-Dioxane	400	446		ug/Kg		112	80 - 136
Ethylbenzene	20.0	17.7		ug/Kg		89	76 - 120
2-Hexanone	100	83.6		ug/Kg		84	70 - 128
Isopropylbenzene	20.0	18.1		ug/Kg		91	80 - 120
Methyl acetate	40.0	44.1		ug/Kg		110	58 - 143
Methylcyclohexane	20.0	17.6		ug/Kg		88	70 - 133
Methylene Chloride	20.0	20.5		ug/Kg		103	76 - 120
4-Methyl-2-pentanone (MIBK)	100	92.3		ug/Kg		92	80 - 122
Methyl tert-butyl ether	20.0	19.4		ug/Kg		97	80 - 125
m-Xylene & p-Xylene	20.0	18.0		ug/Kg		90	80 - 120
o-Xylene	20.0	18.0		ug/Kg		90	80 - 120
Styrene	20.0	17.9		ug/Kg		90	80 - 120
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/Kg		91	66 - 123
Tetrachloroethene	20.0	17.1		ug/Kg		86	78 - 123
Toluene	20.0	17.5		ug/Kg		87	80 - 120
trans-1,2-Dichloroethene	20.0	19.6		ug/Kg		98	78 - 120
trans-1,3-Dichloropropene	20.0	15.3	*-	ug/Kg		77	80 - 120
1,2,3-Trichlorobenzene	20.0	18.1		ug/Kg		91	44 - 120
1,2,4-Trichlorobenzene	20.0	17.3		ug/Kg		86	68 - 150
1,1,1-Trichloroethane	20.0	18.7		ug/Kg		93	78 - 120
1,1,2-Trichloroethane	20.0	17.7		ug/Kg		89	80 - 120
Trichloroethene	20.0	17.9		ug/Kg		89	79 - 120
Trichlorofluoromethane	20.0	23.3		ug/Kg		116	76 - 142
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.4		ug/Kg		97	75 - 141
Vinyl chloride	20.0	22.7		ug/Kg		114	72 - 131

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879056/3 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879056

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Xylenes, Total			40.0	36.1		ug/Kg		90	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*75 - 139*
Dibromofluoromethane (Surr)	*106*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*102*		*72 - 145*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 460-879056/34 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 879056

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	102		ug/Kg		102	63 - 131	2	30
Benzene			20.0	20.3		ug/Kg		102	80 - 123	4	30
Bromoform			20.0	14.8		ug/Kg		74	70 - 125	7	30
Bromomethane			20.0	22.0		ug/Kg		110	64 - 150	7	30
2-Butanone (MEK)			100	95.2		ug/Kg		95	75 - 120	1	30
Carbon disulfide			20.0	20.8		ug/Kg		104	76 - 120	2	30
Carbon tetrachloride			20.0	16.8		ug/Kg		84	77 - 121	1	30
Chlorobenzene			20.0	18.7		ug/Kg		94	80 - 120	2	30
Chlorobromomethane			20.0	21.0		ug/Kg		105	76 - 127	1	30
Chlorodibromomethane			20.0	14.6	*-	ug/Kg		73	80 - 120	0	30
Chloroethane			20.0	20.5		ug/Kg		103	68 - 132	2	30
Chloroform			20.0	19.7		ug/Kg		99	79 - 126	4	30
Chloromethane			20.0	21.8		ug/Kg		109	63 - 130	10	30
cis-1,2-Dichloroethene			20.0	19.2		ug/Kg		96	80 - 123	0	30
cis-1,3-Dichloropropene			20.0	16.4		ug/Kg		82	80 - 120	2	30
Cyclohexane			20.0	20.7		ug/Kg		103	70 - 132	6	30
1,2-Dibromo-3-Chloropropane			20.0	16.1		ug/Kg		80	60 - 124	11	30
1,2-Dibromoethane			20.0	16.9		ug/Kg		84	79 - 120	3	30
1,2-Dichlorobenzene			20.0	19.2		ug/Kg		96	80 - 120	0	30
1,3-Dichlorobenzene			20.0	17.0		ug/Kg		85	80 - 120	2	30
1,4-Dichlorobenzene			20.0	17.5		ug/Kg		87	80 - 120	2	30
Dichlorobromomethane			20.0	16.0		ug/Kg		80	73 - 124	0	30
Dichlorodifluoromethane			20.0	21.2		ug/Kg		106	62 - 150	1	30
1,1-Dichloroethane			20.0	20.7		ug/Kg		103	77 - 129	5	30
1,2-Dichloroethane			20.0	18.2		ug/Kg		91	75 - 123	2	30
1,1-Dichloroethene			20.0	19.5		ug/Kg		98	70 - 132	2	30
1,2-Dichloroethene, Total			40.0	38.9		ug/Kg		97	79 - 125	0	30
1,2-Dichloropropane			20.0	19.0		ug/Kg		95	73 - 124	6	30
1,4-Dioxane			400	456		ug/Kg		114	80 - 136	2	30
Ethylbenzene			20.0	18.9		ug/Kg		95	76 - 120	7	30
2-Hexanone			100	79.1		ug/Kg		79	70 - 128	5	30
Isopropylbenzene			20.0	19.9		ug/Kg		100	80 - 120	9	30
Methyl acetate			40.0	40.2		ug/Kg		101	58 - 143	9	30
Methylcyclohexane			20.0	18.9		ug/Kg		94	70 - 133	7	30
Methylene Chloride			20.0	20.8		ug/Kg		104	76 - 120	1	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-879056/34
Matrix: Solid
Analysis Batch: 879056

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)			100	89.0		ug/Kg		89	80 - 122	4	30
Methyl tert-butyl ether			20.0	20.4		ug/Kg		102	80 - 125	5	30
m-Xylene & p-Xylene			20.0	19.7		ug/Kg		99	80 - 120	9	30
o-Xylene			20.0	19.6		ug/Kg		98	80 - 120	8	30
Styrene			20.0	18.9		ug/Kg		95	80 - 120	5	30
1,1,2,2-Tetrachloroethane			20.0	17.8		ug/Kg		89	66 - 123	3	30
Tetrachloroethene			20.0	18.2		ug/Kg		91	78 - 123	6	30
Toluene			20.0	18.7		ug/Kg		93	80 - 120	7	30
trans-1,2-Dichloroethene			20.0	19.6		ug/Kg		98	78 - 120	0	30
trans-1,3-Dichloropropene			20.0	16.7		ug/Kg		84	80 - 120	9	30
1,2,3-Trichlorobenzene			20.0	18.1		ug/Kg		91	44 - 120	0	30
1,2,4-Trichlorobenzene			20.0	16.8		ug/Kg		84	68 - 150	3	30
1,1,1-Trichloroethane			20.0	18.6		ug/Kg		93	78 - 120	1	30
1,1,2-Trichloroethane			20.0	18.5		ug/Kg		92	80 - 120	4	30
Trichloroethene			20.0	17.5		ug/Kg		87	79 - 120	2	30
Trichlorofluoromethane			20.0	21.7		ug/Kg		109	76 - 142	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	19.7		ug/Kg		99	75 - 141	2	30
Vinyl chloride			20.0	20.8		ug/Kg		104	72 - 131	9	30
Xylenes, Total			40.0	39.3		ug/Kg		98	80 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*75 - 139*
Dibromofluoromethane (Surr)	*104*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*103*		*72 - 145*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 460-879171/8
Matrix: Solid
Analysis Batch: 879171

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6.0	5.7	ug/Kg			11/21/22 10:44	1
Benzene	ND		1.0	0.26	ug/Kg			11/21/22 10:44	1
Bromoform	ND		1.0	0.43	ug/Kg			11/21/22 10:44	1
Bromomethane	ND		2.0	1.0	ug/Kg			11/21/22 10:44	1
2-Butanone (MEK)	ND		5.0	0.37	ug/Kg			11/21/22 10:44	1
Carbon disulfide	ND		1.0	0.27	ug/Kg			11/21/22 10:44	1
Carbon tetrachloride	ND		1.0	0.39	ug/Kg			11/21/22 10:44	1
Chlorobenzene	ND		1.0	0.18	ug/Kg			11/21/22 10:44	1
Chlorobromomethane	ND		1.0	0.28	ug/Kg			11/21/22 10:44	1
Chlorodibromomethane	ND		1.0	0.19	ug/Kg			11/21/22 10:44	1
Chloroethane	ND		1.0	0.52	ug/Kg			11/21/22 10:44	1
Chloroform	ND		1.0	0.97	ug/Kg			11/21/22 10:44	1
Chloromethane	ND		1.0	0.44	ug/Kg			11/21/22 10:44	1
cis-1,2-Dichloroethene	ND		1.0	0.36	ug/Kg			11/21/22 10:44	1
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/21/22 10:44	1
Cyclohexane	ND		1.0	0.22	ug/Kg			11/21/22 10:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.46	ug/Kg			11/21/22 10:44	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-879171/8
Matrix: Solid
Analysis Batch: 879171

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.0	0.18	ug/Kg			11/21/22 10:44	1
1,2-Dichlorobenzene	ND		1.0	0.36	ug/Kg			11/21/22 10:44	1
1,3-Dichlorobenzene	ND		1.0	0.37	ug/Kg			11/21/22 10:44	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg			11/21/22 10:44	1
Dichlorobromomethane	ND		1.0	0.26	ug/Kg			11/21/22 10:44	1
Dichlorodifluoromethane	ND		1.0	0.34	ug/Kg			11/21/22 10:44	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			11/21/22 10:44	1
1,2-Dichloroethane	ND		1.0	0.30	ug/Kg			11/21/22 10:44	1
1,1-Dichloroethene	ND		1.0	0.23	ug/Kg			11/21/22 10:44	1
1,2-Dichloroethene, Total	ND		2.0	0.38	ug/Kg			11/21/22 10:44	1
1,2-Dichloropropane	ND		1.0	0.42	ug/Kg			11/21/22 10:44	1
1,4-Dioxane	ND		100	9.2	ug/Kg			11/21/22 10:44	1
Ethylbenzene	ND		1.0	0.20	ug/Kg			11/21/22 10:44	1
2-Hexanone	ND		5.0	1.7	ug/Kg			11/21/22 10:44	1
Isopropylbenzene	ND		1.0	0.29	ug/Kg			11/21/22 10:44	1
Methyl acetate	ND		5.0	4.3	ug/Kg			11/21/22 10:44	1
Methylcyclohexane	ND		1.0	0.50	ug/Kg			11/21/22 10:44	1
Methylene Chloride	ND		2.0	1.1	ug/Kg			11/21/22 10:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.6	ug/Kg			11/21/22 10:44	1
Methyl tert-butyl ether	ND		1.0	0.51	ug/Kg			11/21/22 10:44	1
m-Xylene & p-Xylene	ND		1.0	0.17	ug/Kg			11/21/22 10:44	1
o-Xylene	ND		1.0	0.19	ug/Kg			11/21/22 10:44	1
Styrene	ND		1.0	0.28	ug/Kg			11/21/22 10:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/Kg			11/21/22 10:44	1
Tetrachloroethene	ND		1.0	0.31	ug/Kg			11/21/22 10:44	1
Toluene	ND		1.0	0.23	ug/Kg			11/21/22 10:44	1
trans-1,2-Dichloroethene	ND		1.0	0.25	ug/Kg			11/21/22 10:44	1
trans-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg			11/21/22 10:44	1
1,2,3-Trichlorobenzene	ND		1.0	0.18	ug/Kg			11/21/22 10:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.36	ug/Kg			11/21/22 10:44	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			11/21/22 10:44	1
1,1,2-Trichloroethane	ND		1.0	0.18	ug/Kg			11/21/22 10:44	1
Trichloroethene	ND		1.0	0.32	ug/Kg			11/21/22 10:44	1
Trichlorofluoromethane	ND		1.0	0.41	ug/Kg			11/21/22 10:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.30	ug/Kg			11/21/22 10:44	1
Vinyl chloride	ND		1.0	0.55	ug/Kg			11/21/22 10:44	1
Xylenes, Total	ND		2.0	0.17	ug/Kg			11/21/22 10:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*75 - 139*		*11/21/22 10:44*	*1*
Dibromofluoromethane (Surr)	*101*		*73 - 139*		*11/21/22 10:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 145*		*11/21/22 10:44*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/21/22 10:44*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879171/3
Matrix: Solid
Analysis Batch: 879171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	100	113		ug/Kg		113	63 - 131
Benzene	20.0	22.8		ug/Kg		114	80 - 123
Bromoform	20.0	14.7		ug/Kg		74	70 - 125
Bromomethane	20.0	23.5		ug/Kg		118	64 - 150
2-Butanone (MEK)	100	107		ug/Kg		107	75 - 120
Carbon disulfide	20.0	23.2		ug/Kg		116	76 - 120
Carbon tetrachloride	20.0	18.8		ug/Kg		94	77 - 121
Chlorobenzene	20.0	20.6		ug/Kg		103	80 - 120
Chlorobromomethane	20.0	21.6		ug/Kg		108	76 - 127
Chlorodibromomethane	20.0	16.0		ug/Kg		80	80 - 120
Chloroethane	20.0	24.1		ug/Kg		121	68 - 132
Chloroform	20.0	21.5		ug/Kg		108	79 - 126
Chloromethane	20.0	25.3		ug/Kg		127	63 - 130
cis-1,2-Dichloroethene	20.0	21.1		ug/Kg		105	80 - 123
cis-1,3-Dichloropropene	20.0	19.0		ug/Kg		95	80 - 120
Cyclohexane	20.0	22.1		ug/Kg		111	70 - 132
1,2-Dibromo-3-Chloropropane	20.0	16.3		ug/Kg		82	60 - 124
1,2-Dibromoethane	20.0	18.4		ug/Kg		92	79 - 120
1,2-Dichlorobenzene	20.0	21.4		ug/Kg		107	80 - 120
1,3-Dichlorobenzene	20.0	20.3		ug/Kg		102	80 - 120
1,4-Dichlorobenzene	20.0	20.7		ug/Kg		103	80 - 120
Dichlorobromomethane	20.0	17.5		ug/Kg		87	73 - 124
Dichlorodifluoromethane	20.0	22.0		ug/Kg		110	62 - 150
1,1-Dichloroethane	20.0	22.2		ug/Kg		111	77 - 129
1,2-Dichloroethane	20.0	19.1		ug/Kg		95	75 - 123
1,1-Dichloroethene	20.0	22.4		ug/Kg		112	70 - 132
1,2-Dichloroethene, Total	40.0	43.3		ug/Kg		108	79 - 125
1,2-Dichloropropane	20.0	20.2		ug/Kg		101	73 - 124
1,4-Dioxane	400	482		ug/Kg		121	80 - 136
Ethylbenzene	20.0	20.9		ug/Kg		104	76 - 120
2-Hexanone	100	97.2		ug/Kg		97	70 - 128
Isopropylbenzene	20.0	21.7		ug/Kg		109	80 - 120
Methyl acetate	40.0	49.3		ug/Kg		123	58 - 143
Methylcyclohexane	20.0	20.7		ug/Kg		104	70 - 133
Methylene Chloride	20.0	23.0		ug/Kg		115	76 - 120
4-Methyl-2-pentanone (MIBK)	100	105		ug/Kg		105	80 - 122
Methyl tert-butyl ether	20.0	21.9		ug/Kg		109	80 - 125
m-Xylene & p-Xylene	20.0	21.3		ug/Kg		106	80 - 120
o-Xylene	20.0	21.9		ug/Kg		110	80 - 120
Styrene	20.0	20.4		ug/Kg		102	80 - 120
1,1,2,2-Tetrachloroethane	20.0	19.7		ug/Kg		99	66 - 123
Tetrachloroethene	20.0	20.6		ug/Kg		103	78 - 123
Toluene	20.0	20.8		ug/Kg		104	80 - 120
trans-1,2-Dichloroethene	20.0	22.3		ug/Kg		111	78 - 120
trans-1,3-Dichloropropene	20.0	17.3		ug/Kg		86	80 - 120
1,2,3-Trichlorobenzene	20.0	21.5		ug/Kg		107	44 - 120
1,2,4-Trichlorobenzene	20.0	21.6		ug/Kg		108	68 - 150
1,1,1-Trichloroethane	20.0	20.5		ug/Kg		103	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-879171/3
Matrix: Solid
Analysis Batch: 879171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,2-Trichloroethane			20.0	20.6		ug/Kg		103	80 - 120		
Trichloroethene			20.0	19.6		ug/Kg		98	79 - 120		
Trichlorofluoromethane			20.0	22.4		ug/Kg		112	76 - 142		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	21.3		ug/Kg		107	75 - 141		
Vinyl chloride			20.0	23.9		ug/Kg		119	72 - 131		
Xylenes, Total			40.0	43.2		ug/Kg		108	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*75 - 139*
Dibromofluoromethane (Surr)	*104*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*98*		*72 - 145*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-879171/4
Matrix: Solid
Analysis Batch: 879171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	113		ug/Kg		113	63 - 131	0	30
Benzene			20.0	22.8		ug/Kg		114	80 - 123	0	30
Bromoform			20.0	15.7		ug/Kg		79	70 - 125	7	30
Bromomethane			20.0	23.4		ug/Kg		117	64 - 150	0	30
2-Butanone (MEK)			100	110		ug/Kg		110	75 - 120	3	30
Carbon disulfide			20.0	23.2		ug/Kg		116	76 - 120	0	30
Carbon tetrachloride			20.0	18.8		ug/Kg		94	77 - 121	0	30
Chlorobenzene			20.0	21.3		ug/Kg		107	80 - 120	4	30
Chlorobromomethane			20.0	21.7		ug/Kg		108	76 - 127	0	30
Chlorodibromomethane			20.0	16.3		ug/Kg		81	80 - 120	2	30
Chloroethane			20.0	23.4		ug/Kg		117	68 - 132	3	30
Chloroform			20.0	21.9		ug/Kg		110	79 - 126	2	30
Chloromethane			20.0	24.1		ug/Kg		120	63 - 130	5	30
cis-1,2-Dichloroethene			20.0	21.3		ug/Kg		107	80 - 123	1	30
cis-1,3-Dichloropropene			20.0	19.0		ug/Kg		95	80 - 120	0	30
Cyclohexane			20.0	22.2		ug/Kg		111	70 - 132	0	30
1,2-Dibromo-3-Chloropropane			20.0	17.5		ug/Kg		87	60 - 124	7	30
1,2-Dibromoethane			20.0	18.5		ug/Kg		92	79 - 120	0	30
1,2-Dichlorobenzene			20.0	23.5		ug/Kg		117	80 - 120	9	30
1,3-Dichlorobenzene			20.0	22.0		ug/Kg		110	80 - 120	8	30
1,4-Dichlorobenzene			20.0	22.3		ug/Kg		111	80 - 120	7	30
Dichlorobromomethane			20.0	17.7		ug/Kg		88	73 - 124	1	30
Dichlorodifluoromethane			20.0	21.9		ug/Kg		109	62 - 150	1	30
1,1-Dichloroethane			20.0	22.3		ug/Kg		111	77 - 129	0	30
1,2-Dichloroethane			20.0	18.7		ug/Kg		93	75 - 123	2	30
1,1-Dichloroethene			20.0	21.8		ug/Kg		109	70 - 132	3	30
1,2-Dichloroethene, Total			40.0	43.4		ug/Kg		108	79 - 125	0	30
1,2-Dichloropropane			20.0	20.3		ug/Kg		102	73 - 124	1	30
1,4-Dioxane			400	518		ug/Kg		129	80 - 136	7	30
Ethylbenzene			20.0	21.5		ug/Kg		107	76 - 120	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-879171/4
Matrix: Solid
Analysis Batch: 879171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			100	103		ug/Kg		103	70 - 128	6	30
Isopropylbenzene			20.0	22.9		ug/Kg		115	80 - 120	5	30
Methyl acetate			40.0	45.4		ug/Kg		114	58 - 143	8	30
Methylcyclohexane			20.0	21.0		ug/Kg		105	70 - 133	2	30
Methylene Chloride			20.0	23.0		ug/Kg		115	76 - 120	0	30
4-Methyl-2-pentanone (MIBK)			100	110		ug/Kg		110	80 - 122	4	30
Methyl tert-butyl ether			20.0	21.3		ug/Kg		107	80 - 125	3	30
m-Xylene & p-Xylene			20.0	22.0		ug/Kg		110	80 - 120	3	30
o-Xylene			20.0	22.6		ug/Kg		113	80 - 120	3	30
Styrene			20.0	21.0		ug/Kg		105	80 - 120	3	30
1,1,2,2-Tetrachloroethane			20.0	20.7		ug/Kg		104	66 - 123	5	30
Tetrachloroethene			20.0	21.1		ug/Kg		105	78 - 123	2	30
Toluene			20.0	21.1		ug/Kg		106	80 - 120	2	30
trans-1,2-Dichloroethene			20.0	22.1		ug/Kg		110	78 - 120	1	30
trans-1,3-Dichloropropene			20.0	17.8		ug/Kg		89	80 - 120	3	30
1,2,3-Trichlorobenzene			20.0	22.6		ug/Kg		113	44 - 120	5	30
1,2,4-Trichlorobenzene			20.0	22.5		ug/Kg		113	68 - 150	4	30
1,1,1-Trichloroethane			20.0	21.2		ug/Kg		106	78 - 120	3	30
1,1,2-Trichloroethane			20.0	19.3		ug/Kg		96	80 - 120	7	30
Trichloroethene			20.0	19.8		ug/Kg		99	79 - 120	1	30
Trichlorofluoromethane			20.0	22.8		ug/Kg		114	76 - 142	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	21.0		ug/Kg		105	75 - 141	2	30
Vinyl chloride			20.0	24.5		ug/Kg		123	72 - 131	3	30
Xylenes, Total			40.0	44.6		ug/Kg		112	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*75 - 139*
Dibromofluoromethane (Surr)	*106*		*73 - 139*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 145*
Toluene-d8 (Surr)	*104*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-878607/1-A
Matrix: Solid
Analysis Batch: 878694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878607

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		330	9.4	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Acenaphthylene	ND		330	9.5	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Acetophenone	ND		330	16	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Anthracene	ND		330	10	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Atrazine	ND		130	19	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Benzaldehyde	ND		330	55	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Benzo[a]anthracene	ND		33	12	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Benzo[a]pyrene	ND		33	8.8	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Benzo[b]fluoranthene	ND		33	8.6	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Benzo[g,h,i]perylene	ND		330	9.8	ug/Kg		11/17/22 22:32	11/18/22 10:05	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878607/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878694 **Prep Batch: 878607**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		33	6.5	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
1,1'-Biphenyl	ND		330	12	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Bis(2-chloroethoxy)methane	ND		330	26	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Bis(2-chloroethyl)ether	ND		33	12	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Bis(2-ethylhexyl) phthalate	ND		330	17	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
4-Bromophenyl phenyl ether	ND		330	13	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Butyl benzyl phthalate	ND		330	16	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Caprolactam	ND		330	51	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Carbazole	ND		330	13	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
4-Chloroaniline	ND		330	59	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
4-Chloro-3-methylphenol	ND		330	19	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2-Chloronaphthalene	ND		330	15	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2-Chlorophenol	ND		330	12	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
4-Chlorophenyl phenyl ether	ND		330	12	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Chrysene	ND		330	5.6	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Dibenz(a,h)anthracene	ND		33	14	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Dibenzofuran	ND		330	11	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
3,3'-Dichlorobenzidine	ND		130	50	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2,4-Dichlorophenol	ND		130	21	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Diethyl phthalate	ND		330	11	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2,4-Dimethylphenol	ND		330	39	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Dimethyl phthalate	ND		330	75	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Di-n-butyl phthalate	ND		330	12	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2,4-Dinitrophenol	ND		270	160	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2,4-Dinitrotoluene	ND		67	36	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2,6-Dinitrotoluene	ND		67	24	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Di-n-octyl phthalate	ND		330	18	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
1,4-Dioxane	ND		33	29	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Fluoranthene	ND		330	12	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Fluorene	ND		330	9.7	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Hexachlorobenzene	ND		33	16	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Hexachlorobutadiene	ND		67	7.0	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Hexachlorocyclopentadiene	ND		330	29	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Hexachloroethane	ND		33	11	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Indeno[1,2,3-cd]pyrene	ND		33	13	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Isophorone	ND		130	96	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2-Methylnaphthalene	ND		330	9.3	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2-Methylphenol	ND		330	12	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Methylphenol, 3 & 4	ND		330	21	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Naphthalene	ND		330	5.7	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2-Nitroaniline	ND		330	25	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
3-Nitroaniline	ND		330	79	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
4-Nitroaniline	ND		330	38	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Nitrobenzene	ND		33	18	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2-Nitrophenol	ND		330	33	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
4-Nitrophenol	ND		670	54	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
N-Nitrosodi-n-propylamine	ND		33	24	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
N-Nitrosodiphenylamine	ND		330	27	ug/Kg		11/17/22 22:32	11/18/22 10:05	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878607/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878694 **Prep Batch: 878607**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		330	6.0	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Pentachlorophenol	ND		270	68	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Phenanthrene	ND		330	5.8	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Phenol	ND		330	12	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
Pyrene	ND		330	8.2	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
1,2,4,5-Tetrachlorobenzene	ND		330	10	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2,3,4,6-Tetrachlorophenol	ND		330	22	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2,4,5-Trichlorophenol	ND		330	34	ug/Kg		11/17/22 22:32	11/18/22 10:05	1
2,4,6-Trichlorophenol	ND		130	42	ug/Kg		11/17/22 22:32	11/18/22 10:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*95*		*22 - 122*	*11/17/22 22:32*	*11/18/22 10:05*	*1*
2-Fluorophenol (Surr)	*75*		*18 - 123*	*11/17/22 22:32*	*11/18/22 10:05*	*1*
Nitrobenzene-d5 (Surr)	*89*		*16 - 125*	*11/17/22 22:32*	*11/18/22 10:05*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*11/17/22 22:32*	*11/18/22 10:05*	*1*
Terphenyl-d14 (Surr)	*96*		*25 - 126*	*11/17/22 22:32*	*11/18/22 10:05*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 123*	*11/17/22 22:32*	*11/18/22 10:05*	*1*

Lab Sample ID: LCS 460-878607/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878694 **Prep Batch: 878607**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3330	3200		ug/Kg		96	49 - 120
Acenaphthylene	3330	3350		ug/Kg		101	64 - 120
Acetophenone	3330	3220		ug/Kg		97	61 - 120
Anthracene	3330	3690		ug/Kg		111	67 - 120
Atrazine	1330	1910		ug/Kg		143	29 - 150
Benzaldehyde	1330	1190		ug/Kg		90	34 - 150
Benzo[a]anthracene	3330	3570		ug/Kg		107	62 - 120
Benzo[a]pyrene	3330	3590		ug/Kg		108	73 - 123
Benzo[b]fluoranthene	3330	4000		ug/Kg		120	70 - 125
Benzo[g,h,i]perylene	3330	3270		ug/Kg		98	66 - 120
Benzo[k]fluoranthene	3330	3860		ug/Kg		116	67 - 122
1,1'-Biphenyl	3330	3400		ug/Kg		102	59 - 120
Bis(2-chloroethoxy)methane	3330	3000		ug/Kg		90	62 - 120
Bis(2-chloroethyl)ether	3330	2770		ug/Kg		83	60 - 120
Bis(2-ethylhexyl) phthalate	3330	3800		ug/Kg		114	59 - 125
4-Bromophenyl phenyl ether	3330	3080		ug/Kg		93	67 - 120
Butyl benzyl phthalate	3330	3760		ug/Kg		113	62 - 127
Caprolactam	1330	1990		ug/Kg		149	36 - 150
Carbazole	3330	3710		ug/Kg		111	64 - 120
4-Chloroaniline	3330	3240		ug/Kg		97	15 - 128
4-Chloro-3-methylphenol	3330	3390		ug/Kg		102	66 - 120
2-Chloronaphthalene	3330	3280		ug/Kg		99	60 - 120
2-Chlorophenol	3330	2800		ug/Kg		84	63 - 120
4-Chlorophenyl phenyl ether	3330	3790		ug/Kg		114	62 - 120
Chrysene	3330	3550		ug/Kg		107	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878607/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878694 **Prep Batch: 878607**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	3330	3380		ug/Kg		101	66 - 128
Dibenzofuran	3330	3550		ug/Kg		106	61 - 120
3,3'-Dichlorobenzidine	3330	3240		ug/Kg		97	13 - 136
2,4-Dichlorophenol	3330	3150		ug/Kg		95	66 - 120
Diethyl phthalate	3330	3820		ug/Kg		115	63 - 120
2,4-Dimethylphenol	3330	2930		ug/Kg		88	67 - 120
Dimethyl phthalate	3330	3670		ug/Kg		110	65 - 120
Di-n-butyl phthalate	3330	3840		ug/Kg		115	66 - 120
4,6-Dinitro-2-methylphenol	6670	7530		ug/Kg		113	50 - 136
2,4-Dinitrophenol	6670	6430		ug/Kg		96	36 - 129
2,4-Dinitrotoluene	3330	3870		ug/Kg		116	65 - 124
2,6-Dinitrotoluene	3330	3640		ug/Kg		109	67 - 121
Di-n-octyl phthalate	3330	4700	*+	ug/Kg		141	65 - 133
1,4-Dioxane	3330	2270		ug/Kg		68	21 - 120
Fluoranthene	3330	3920		ug/Kg		118	61 - 120
Fluorene	3330	3940		ug/Kg		118	60 - 120
Hexachlorobenzene	3330	2660		ug/Kg		80	66 - 120
Hexachlorobutadiene	3330	2930		ug/Kg		88	62 - 120
Hexachlorocyclopentadiene	3330	2440		ug/Kg		73	38 - 120
Hexachloroethane	3330	2780		ug/Kg		83	61 - 120
Indeno[1,2,3-cd]pyrene	3330	3740		ug/Kg		112	62 - 130
Isophorone	3330	3190		ug/Kg		96	67 - 120
2-Methylnaphthalene	3330	3030		ug/Kg		91	64 - 120
2-Methylphenol	3330	3040		ug/Kg		91	63 - 120
Methylphenol, 3 & 4	3330	3210		ug/Kg		96	61 - 120
Naphthalene	3330	3090		ug/Kg		93	63 - 120
2-Nitroaniline	3330	3890		ug/Kg		117	48 - 120
3-Nitroaniline	3330	3950		ug/Kg		119	39 - 122
4-Nitroaniline	3330	3630		ug/Kg		109	55 - 120
Nitrobenzene	3330	3070		ug/Kg		92	63 - 120
2-Nitrophenol	3330	2950		ug/Kg		88	64 - 120
4-Nitrophenol	6670	5840		ug/Kg		88	52 - 123
N-Nitrosodi-n-propylamine	3330	3420		ug/Kg		102	61 - 120
N-Nitrosodiphenylamine	3330	3410		ug/Kg		102	63 - 120
2,2'-oxybis[1-chloropropane]	3330	3450		ug/Kg		103	49 - 126
Pentachlorophenol	6670	5570		ug/Kg		84	37 - 126
Phenanthrene	3330	3660		ug/Kg		110	66 - 120
Phenol	3330	3090		ug/Kg		93	63 - 120
Pyrene	3330	3590		ug/Kg		108	61 - 121
1,2,4,5-Tetrachlorobenzene	3330	3410		ug/Kg		102	60 - 120
2,3,4,6-Tetrachlorophenol	3330	3690		ug/Kg		111	54 - 120
2,4,5-Trichlorophenol	3330	3330		ug/Kg		100	59 - 120
2,4,6-Trichlorophenol	3330	3310		ug/Kg		99	58 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*91*		*22 - 122*
2-Fluorophenol (Surr)	*70*		*18 - 123*
Nitrobenzene-d5 (Surr)	*83*		*16 - 125*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878607/2-A
Matrix: Solid
Analysis Batch: 878694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878607

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Phenol-d5 (Surr)	*85*		*23 - 120*
Terphenyl-d14 (Surr)	*93*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 123*

Lab Sample ID: LCSD 460-878607/3-A
Matrix: Solid
Analysis Batch: 878694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 878607

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			3330	3250		ug/Kg		98	49 - 120	1	30
Acenaphthylene			3330	3320		ug/Kg		100	64 - 120	1	30
Acetophenone			3330	3080		ug/Kg		92	61 - 120	5	30
Anthracene			3330	3660		ug/Kg		110	67 - 120	1	30
Atrazine			1330	1870		ug/Kg		140	29 - 150	2	30
Benzaldehyde			1330	1180		ug/Kg		88	34 - 150	1	30
Benzo[a]anthracene			3330	3580		ug/Kg		107	62 - 120	0	30
Benzo[a]pyrene			3330	3600		ug/Kg		108	73 - 123	0	30
Benzo[b]fluoranthene			3330	3910		ug/Kg		117	70 - 125	2	30
Benzo[g,h,i]perylene			3330	3270		ug/Kg		98	66 - 120	0	30
Benzo[k]fluoranthene			3330	4010		ug/Kg		120	67 - 122	4	30
1,1'-Biphenyl			3330	3480		ug/Kg		104	59 - 120	2	30
Bis(2-chloroethoxy)methane			3330	2930		ug/Kg		88	62 - 120	3	30
Bis(2-chloroethyl)ether			3330	2690		ug/Kg		81	60 - 120	3	30
Bis(2-ethylhexyl) phthalate			3330	3840		ug/Kg		115	59 - 125	1	30
4-Bromophenyl phenyl ether			3330	3040		ug/Kg		91	67 - 120	1	30
Butyl benzyl phthalate			3330	3770		ug/Kg		113	62 - 127	0	30
Caprolactam			1330	2000		ug/Kg		150	36 - 150	1	30
Carbazole			3330	3620		ug/Kg		109	64 - 120	2	30
4-Chloroaniline			3330	3150		ug/Kg		95	15 - 128	3	30
4-Chloro-3-methylphenol			3330	3330		ug/Kg		100	66 - 120	2	30
2-Chloronaphthalene			3330	3320		ug/Kg		100	60 - 120	1	30
2-Chlorophenol			3330	2830		ug/Kg		85	63 - 120	1	30
4-Chlorophenyl phenyl ether			3330	3870		ug/Kg		116	62 - 120	2	30
Chrysene			3330	3650		ug/Kg		110	63 - 120	3	30
Dibenz(a,h)anthracene			3330	3400		ug/Kg		102	66 - 128	1	30
Dibenzofuran			3330	3610		ug/Kg		108	61 - 120	2	30
3,3'-Dichlorobenzidine			3330	3260		ug/Kg		98	13 - 136	1	30
2,4-Dichlorophenol			3330	3120		ug/Kg		94	66 - 120	1	30
Diethyl phthalate			3330	3810		ug/Kg		114	63 - 120	0	30
2,4-Dimethylphenol			3330	3000		ug/Kg		90	67 - 120	2	30
Dimethyl phthalate			3330	3680		ug/Kg		110	65 - 120	0	30
Di-n-butyl phthalate			3330	3800		ug/Kg		114	66 - 120	1	30
4,6-Dinitro-2-methylphenol			6670	7560		ug/Kg		113	50 - 136	0	30
2,4-Dinitrophenol			6670	6850		ug/Kg		103	36 - 129	6	30
2,4-Dinitrotoluene			3330	3810		ug/Kg		114	65 - 124	2	30
2,6-Dinitrotoluene			3330	3610		ug/Kg		108	67 - 121	1	30
Di-n-octyl phthalate			3330	4700	*+	ug/Kg		141	65 - 133	0	30
1,4-Dioxane			3330	2320		ug/Kg		70	21 - 120	2	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-878607/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878694 **Prep Batch: 878607**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoranthene			3330	3860		ug/Kg		116	61 - 120	2	30
Fluorene			3330	3910		ug/Kg		117	60 - 120	1	30
Hexachlorobenzene			3330	2640		ug/Kg		79	66 - 120	1	30
Hexachlorobutadiene			3330	2980		ug/Kg		89	62 - 120	2	30
Hexachlorocyclopentadiene			3330	2540		ug/Kg		76	38 - 120	4	30
Hexachloroethane			3330	2690		ug/Kg		81	61 - 120	3	30
Indeno[1,2,3-cd]pyrene			3330	3690		ug/Kg		111	62 - 130	2	30
Isophorone			3330	3160		ug/Kg		95	67 - 120	1	30
2-Methylnaphthalene			3330	2980		ug/Kg		89	64 - 120	2	30
2-Methylphenol			3330	2940		ug/Kg		88	63 - 120	3	30
Methylphenol, 3 & 4			3330	3130		ug/Kg		94	61 - 120	3	30
Naphthalene			3330	3140		ug/Kg		94	63 - 120	1	30
2-Nitroaniline			3330	3890		ug/Kg		117	48 - 120	0	30
3-Nitroaniline			3330	3970		ug/Kg		119	39 - 122	0	30
4-Nitroaniline			3330	3580		ug/Kg		107	55 - 120	1	30
Nitrobenzene			3330	2990		ug/Kg		90	63 - 120	3	30
2-Nitrophenol			3330	3040		ug/Kg		91	64 - 120	3	30
4-Nitrophenol			6670	6160		ug/Kg		92	52 - 123	5	30
N-Nitrosodi-n-propylamine			3330	3310		ug/Kg		99	61 - 120	3	30
N-Nitrosodiphenylamine			3330	3360		ug/Kg		101	63 - 120	2	30
2,2'-oxybis[1-chloropropane]			3330	3390		ug/Kg		102	49 - 126	2	30
Pentachlorophenol			6670	5540		ug/Kg		83	37 - 126	1	30
Phenanthrene			3330	3600		ug/Kg		108	66 - 120	2	30
Phenol			3330	2980		ug/Kg		90	63 - 120	4	30
Pyrene			3330	3650		ug/Kg		110	61 - 121	2	30
1,2,4,5-Tetrachlorobenzene			3330	3470		ug/Kg		104	60 - 120	2	30
2,3,4,6-Tetrachlorophenol			3330	3690		ug/Kg		111	54 - 120	0	30
2,4,5-Trichlorophenol			3330	3400		ug/Kg		102	59 - 120	2	30
2,4,6-Trichlorophenol			3330	3330		ug/Kg		100	58 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*93*		*22 - 122*
2-Fluorophenol (Surr)	*69*		*18 - 123*
Nitrobenzene-d5 (Surr)	*83*		*16 - 125*
Phenol-d5 (Surr)	*82*		*23 - 120*
Terphenyl-d14 (Surr)	*94*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 123*

Lab Sample ID: 180-147956-19 MS **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878694 **Prep Batch: 878607**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		3880	3280		ug/Kg	☼	84	49 - 120
Acenaphthylene	ND		3880	3410		ug/Kg	☼	88	64 - 120
Acetophenone	ND		3880	3020		ug/Kg	☼	78	61 - 120
Anthracene	ND		3880	3660		ug/Kg	☼	94	67 - 120
Atrazine	ND		1550	1890		ug/Kg	☼	122	29 - 150

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147956-19 MS **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878694 **Prep Batch: 878607**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzaldehyde	ND		1550	1300	E	ug/Kg	☼	84	34 - 150
Benzo[a]anthracene	51		3880	3710		ug/Kg	☼	94	62 - 120
Benzo[a]pyrene	49		3880	3670		ug/Kg	☼	93	73 - 123
Benzo[b]fluoranthene	71		3880	4210		ug/Kg	☼	106	70 - 125
Benzo[g,h,i]perylene	53	J	3880	2940		ug/Kg	☼	74	66 - 120
Benzo[k]fluoranthene	34	J	3880	3910		ug/Kg	☼	100	67 - 122
1,1'-Biphenyl	ND		3880	3590		ug/Kg	☼	92	59 - 120
Bis(2-chloroethoxy)methane	ND		3880	3030		ug/Kg	☼	78	62 - 120
Bis(2-chloroethyl)ether	ND		3880	2850		ug/Kg	☼	73	60 - 120
Bis(2-ethylhexyl) phthalate	57	J	3880	3940		ug/Kg	☼	100	59 - 125
4-Bromophenyl phenyl ether	ND		3880	3130		ug/Kg	☼	81	67 - 120
Butyl benzyl phthalate	280	J	3880	4150		ug/Kg	☼	100	62 - 127
Caprolactam	ND		1550	1850		ug/Kg	☼	119	36 - 150
Carbazole	ND		3880	3630		ug/Kg	☼	93	64 - 120
4-Chloroaniline	ND		3880	3060		ug/Kg	☼	79	15 - 128
4-Chloro-3-methylphenol	ND		3880	3270		ug/Kg	☼	84	66 - 120
2-Chloronaphthalene	ND		3880	3420		ug/Kg	☼	88	60 - 120
2-Chlorophenol	ND		3880	2860		ug/Kg	☼	74	63 - 120
4-Chlorophenyl phenyl ether	ND		3880	3780		ug/Kg	☼	97	62 - 120
Chrysene	55	J	3880	3670		ug/Kg	☼	93	63 - 120
Dibenz(a,h)anthracene	ND		3880	3250		ug/Kg	☼	84	66 - 128
Dibenzofuran	ND		3880	3630		ug/Kg	☼	93	61 - 120
3,3'-Dichlorobenzidine	ND		3880	2610		ug/Kg	☼	67	13 - 136
2,4-Dichlorophenol	ND		3880	3200		ug/Kg	☼	82	66 - 120
Diethyl phthalate	ND		3880	3670		ug/Kg	☼	94	63 - 120
2,4-Dimethylphenol	ND		3880	3070		ug/Kg	☼	79	67 - 120
Dimethyl phthalate	ND		3880	3550		ug/Kg	☼	91	65 - 120
Di-n-butyl phthalate	33	J	3880	3770		ug/Kg	☼	96	66 - 120
4,6-Dinitro-2-methylphenol	ND		7770	6180		ug/Kg	☼	80	50 - 136
2,4-Dinitrophenol	ND		7770	5290		ug/Kg	☼	68	36 - 129
2,4-Dinitrotoluene	ND		3880	3620		ug/Kg	☼	93	65 - 124
2,6-Dinitrotoluene	ND		3880	3550		ug/Kg	☼	91	67 - 121
Di-n-octyl phthalate	ND	*+	3880	4740		ug/Kg	☼	122	65 - 133
1,4-Dioxane	ND		3880	2490		ug/Kg	☼	64	21 - 120
Fluoranthene	97	J	3880	3850		ug/Kg	☼	97	61 - 120
Fluorene	ND		3880	3860		ug/Kg	☼	99	60 - 120
Hexachlorobenzene	ND		3880	2660		ug/Kg	☼	68	66 - 120
Hexachlorobutadiene	ND		3880	3100		ug/Kg	☼	80	62 - 120
Hexachlorocyclopentadiene	ND		3880	2530		ug/Kg	☼	65	38 - 120
Hexachloroethane	ND		3880	2930		ug/Kg	☼	75	61 - 120
Indeno[1,2,3-cd]pyrene	41		3880	3480		ug/Kg	☼	88	62 - 130
Isophorone	ND		3880	3160		ug/Kg	☼	81	67 - 120
2-Methylnaphthalene	11	J	3880	3030		ug/Kg	☼	78	64 - 120
2-Methylphenol	ND		3880	3010		ug/Kg	☼	78	63 - 120
Methylphenol, 3 & 4	ND		3880	3080		ug/Kg	☼	79	61 - 120
Naphthalene	13	J	3880	3250		ug/Kg	☼	83	63 - 120
2-Nitroaniline	ND		3880	3330		ug/Kg	☼	86	48 - 120
3-Nitroaniline	ND		3880	3770		ug/Kg	☼	97	39 - 122
4-Nitroaniline	ND		3880	3270		ug/Kg	☼	84	55 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147956-19 MS **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878694 **Prep Batch: 878607**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	ND		3880	2960		ug/Kg	☼	76	63 - 120
2-Nitrophenol	ND		3880	3080		ug/Kg	☼	79	64 - 120
4-Nitrophenol	ND		7770	6600		ug/Kg	☼	85	52 - 123
N-Nitrosodi-n-propylamine	ND		3880	3210		ug/Kg	☼	83	61 - 120
N-Nitrosodiphenylamine	ND		3880	3420		ug/Kg	☼	88	63 - 120
2,2'-oxybis[1-chloropropane]	ND		3880	3510		ug/Kg	☼	90	49 - 126
Pentachlorophenol	ND		7770	5600		ug/Kg	☼	72	37 - 126
Phenanthrene	43	J	3880	3660		ug/Kg	☼	93	66 - 120
Phenol	ND		3880	3060		ug/Kg	☼	79	63 - 120
Pyrene	77	J	3880	3830		ug/Kg	☼	97	61 - 121
1,2,4,5-Tetrachlorobenzene	ND		3880	3660		ug/Kg	☼	94	60 - 120
2,3,4,6-Tetrachlorophenol	ND		3880	3620		ug/Kg	☼	93	54 - 120
2,4,5-Trichlorophenol	ND		3880	3380		ug/Kg	☼	87	59 - 120
2,4,6-Trichlorophenol	ND		3880	3540		ug/Kg	☼	91	58 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*22 - 122*
2-Fluorophenol (Surr)	*65*		*18 - 123*
Nitrobenzene-d5 (Surr)	*78*		*16 - 125*
Phenol-d5 (Surr)	*75*		*23 - 120*
Terphenyl-d14 (Surr)	*83*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 123*

Lab Sample ID: 180-147956-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878694 **Prep Batch: 878607**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		3890	3410		ug/Kg	☼	88	49 - 120	4	30
Acenaphthylene	ND		3890	3550		ug/Kg	☼	91	64 - 120	4	30
Acetophenone	ND		3890	3250		ug/Kg	☼	84	61 - 120	7	30
Anthracene	ND		3890	3780		ug/Kg	☼	97	67 - 120	3	30
Atrazine	ND		1560	1730		ug/Kg	☼	111	29 - 150	9	30
Benzaldehyde	ND		1560	1250	E	ug/Kg	☼	80	34 - 150	4	30
Benzo[a]anthracene	51		3890	3880		ug/Kg	☼	98	62 - 120	4	30
Benzo[a]pyrene	49		3890	3760		ug/Kg	☼	95	73 - 123	2	30
Benzo[b]fluoranthene	71		3890	4400		ug/Kg	☼	111	70 - 125	5	30
Benzo[g,h,i]perylene	53	J	3890	2970		ug/Kg	☼	75	66 - 120	1	30
Benzo[k]fluoranthene	34	J	3890	4000		ug/Kg	☼	102	67 - 122	2	30
1,1'-Biphenyl	ND		3890	3720		ug/Kg	☼	96	59 - 120	4	30
Bis(2-chloroethoxy)methane	ND		3890	3180		ug/Kg	☼	82	62 - 120	5	30
Bis(2-chloroethyl)ether	ND		3890	2980		ug/Kg	☼	77	60 - 120	4	30
Bis(2-ethylhexyl) phthalate	57	J	3890	4190		ug/Kg	☼	106	59 - 125	6	30
4-Bromophenyl phenyl ether	ND		3890	3280		ug/Kg	☼	84	67 - 120	5	30
Butyl benzyl phthalate	280	J	3890	4410		ug/Kg	☼	106	62 - 127	6	30
Caprolactam	ND		1560	1690		ug/Kg	☼	109	36 - 150	9	30
Carbazole	ND		3890	3770		ug/Kg	☼	97	64 - 120	4	30
4-Chloroaniline	ND		3890	3250		ug/Kg	☼	84	15 - 128	6	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147956-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878694 **Prep Batch: 878607**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	ND		3890	3520		ug/Kg	☼	90	66 - 120	7	30
2-Chloronaphthalene	ND		3890	3540		ug/Kg	☼	91	60 - 120	4	30
2-Chlorophenol	ND		3890	2990		ug/Kg	☼	77	63 - 120	4	30
4-Chlorophenyl phenyl ether	ND		3890	3960		ug/Kg	☼	102	62 - 120	5	30
Chrysene	55	J	3890	3820		ug/Kg	☼	97	63 - 120	4	30
Dibenz(a,h)anthracene	ND		3890	3280		ug/Kg	☼	84	66 - 128	1	30
Dibenzofuran	ND		3890	3740		ug/Kg	☼	96	61 - 120	3	30
3,3'-Dichlorobenzidine	ND		3890	2750		ug/Kg	☼	71	13 - 136	5	30
2,4-Dichlorophenol	ND		3890	3400		ug/Kg	☼	87	66 - 120	6	30
Diethyl phthalate	ND		3890	3830		ug/Kg	☼	98	63 - 120	4	30
2,4-Dimethylphenol	ND		3890	3180		ug/Kg	☼	82	67 - 120	3	30
Dimethyl phthalate	ND		3890	3710		ug/Kg	☼	95	65 - 120	5	30
Di-n-butyl phthalate	33	J	3890	4000		ug/Kg	☼	102	66 - 120	6	30
4,6-Dinitro-2-methylphenol	ND		7780	5970		ug/Kg	☼	77	50 - 136	3	30
2,4-Dinitrophenol	ND		7780	4950		ug/Kg	☼	64	36 - 129	7	30
2,4-Dinitrotoluene	ND		3890	3850		ug/Kg	☼	99	65 - 124	6	30
2,6-Dinitrotoluene	ND		3890	3710		ug/Kg	☼	95	67 - 121	4	30
Di-n-octyl phthalate	ND	*+	3890	5040		ug/Kg	☼	130	65 - 133	6	30
1,4-Dioxane	ND		3890	2490		ug/Kg	☼	64	21 - 120	0	30
Fluoranthene	97	J	3890	4120		ug/Kg	☼	103	61 - 120	7	30
Fluorene	ND		3890	4020		ug/Kg	☼	103	60 - 120	4	30
Hexachlorobenzene	ND		3890	2800		ug/Kg	☼	72	66 - 120	5	30
Hexachlorobutadiene	ND		3890	3280		ug/Kg	☼	84	62 - 120	6	30
Hexachlorocyclopentadiene	ND		3890	2470		ug/Kg	☼	63	38 - 120	3	30
Hexachloroethane	ND		3890	3060		ug/Kg	☼	79	61 - 120	4	30
Indeno[1,2,3-cd]pyrene	41		3890	3580		ug/Kg	☼	91	62 - 130	3	30
Isophorone	ND		3890	3320		ug/Kg	☼	85	67 - 120	5	30
2-Methylnaphthalene	11	J	3890	3210		ug/Kg	☼	82	64 - 120	6	30
2-Methylphenol	ND		3890	3180		ug/Kg	☼	82	63 - 120	6	30
Methylphenol, 3 & 4	ND		3890	3280		ug/Kg	☼	84	61 - 120	6	30
Naphthalene	13	J	3890	3420		ug/Kg	☼	87	63 - 120	5	30
2-Nitroaniline	ND		3890	3710		ug/Kg	☼	95	48 - 120	11	30
3-Nitroaniline	ND		3890	3870		ug/Kg	☼	100	39 - 122	3	30
4-Nitroaniline	ND		3890	3410		ug/Kg	☼	88	55 - 120	4	30
Nitrobenzene	ND		3890	3110		ug/Kg	☼	80	63 - 120	5	30
2-Nitrophenol	ND		3890	3190		ug/Kg	☼	82	64 - 120	3	30
4-Nitrophenol	ND		7780	7060		ug/Kg	☼	91	52 - 123	7	30
N-Nitrosodi-n-propylamine	ND		3890	3420		ug/Kg	☼	88	61 - 120	6	30
N-Nitrosodiphenylamine	ND		3890	3570		ug/Kg	☼	92	63 - 120	4	30
2,2'-oxybis[1-chloropropane]	ND		3890	3760		ug/Kg	☼	97	49 - 126	7	30
Pentachlorophenol	ND		7780	5740		ug/Kg	☼	74	37 - 126	2	30
Phenanthrene	43	J	3890	3860		ug/Kg	☼	98	66 - 120	5	30
Phenol	ND		3890	3250		ug/Kg	☼	83	63 - 120	6	30
Pyrene	77	J	3890	3920		ug/Kg	☼	99	61 - 121	2	30
1,2,4,5-Tetrachlorobenzene	ND		3890	3800		ug/Kg	☼	98	60 - 120	4	30
2,3,4,6-Tetrachlorophenol	ND		3890	3810		ug/Kg	☼	98	54 - 120	5	30
2,4,5-Trichlorophenol	ND		3890	3660		ug/Kg	☼	94	59 - 120	8	30
2,4,6-Trichlorophenol	ND		3890	3500		ug/Kg	☼	90	58 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147956-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878694 **Prep Batch: 878607**

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl	86		22 - 122
2-Fluorophenol (Surr)	68		18 - 123
Nitrobenzene-d5 (Surr)	80		16 - 125
Phenol-d5 (Surr)	77		23 - 120
Terphenyl-d14 (Surr)	86		25 - 126
2,4,6-Tribromophenol (Surr)	64		10 - 123

Lab Sample ID: MB 460-878615/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878657 **Prep Batch: 878615**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		330	9.4	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Acenaphthylene	ND		330	9.5	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Acetophenone	ND		330	16	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Anthracene	ND		330	10	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Atrazine	ND		130	19	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Benzaldehyde	ND		330	55	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Benzo[a]anthracene	ND		33	12	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Benzo[a]pyrene	ND		33	8.8	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Benzo[b]fluoranthene	ND		33	8.6	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Benzo[g,h,i]perylene	ND		330	9.8	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Benzo[k]fluoranthene	ND		33	6.5	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
1,1'-Biphenyl	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Bis(2-chloroethoxy)methane	ND		330	26	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Bis(2-chloroethyl)ether	ND		33	12	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Bis(2-ethylhexyl) phthalate	ND		330	17	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
4-Bromophenyl phenyl ether	ND		330	13	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Butyl benzyl phthalate	ND		330	16	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Caprolactam	ND		330	51	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Carbazole	ND		330	13	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
4-Chloroaniline	ND		330	59	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
4-Chloro-3-methylphenol	ND		330	19	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2-Chloronaphthalene	ND		330	15	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2-Chlorophenol	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
4-Chlorophenyl phenyl ether	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Chrysene	ND		330	5.6	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Dibenz(a,h)anthracene	ND		33	14	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Dibenzofuran	ND		330	11	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
3,3'-Dichlorobenzidine	ND		130	50	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2,4-Dichlorophenol	ND		130	21	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Diethyl phthalate	ND		330	11	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2,4-Dimethylphenol	ND		330	39	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Dimethyl phthalate	ND		330	75	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Di-n-butyl phthalate	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
4,6-Dinitro-2-methylphenol	ND		270	140	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2,4-Dinitrophenol	ND		270	160	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2,4-Dinitrotoluene	ND		67	36	ug/Kg		11/17/22 22:33	11/18/22 07:11	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-878615/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878657 **Prep Batch: 878615**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		67	24	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Di-n-octyl phthalate	ND		330	18	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
1,4-Dioxane	ND		33	29	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Fluoranthene	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Fluorene	ND		330	9.7	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Hexachlorobenzene	ND		33	16	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Hexachlorobutadiene	ND		67	7.0	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Hexachlorocyclopentadiene	ND		330	29	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Hexachloroethane	ND		33	11	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Indeno[1,2,3-cd]pyrene	ND		33	13	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Isophorone	ND		130	96	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2-Methylnaphthalene	ND		330	9.3	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2-Methylphenol	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Methylphenol, 3 & 4	ND		330	21	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Naphthalene	ND		330	5.7	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2-Nitroaniline	ND		330	25	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
3-Nitroaniline	ND		330	79	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
4-Nitroaniline	ND		330	38	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Nitrobenzene	ND		33	18	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2-Nitrophenol	ND		330	33	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
4-Nitrophenol	ND		670	54	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
N-Nitrosodi-n-propylamine	ND		33	24	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
N-Nitrosodiphenylamine	ND		330	27	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2,2'-oxybis[1-chloropropane]	ND		330	6.0	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Pentachlorophenol	ND		270	68	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Phenanthrene	ND		330	5.8	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Phenol	ND		330	12	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
Pyrene	ND		330	8.2	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
1,2,4,5-Tetrachlorobenzene	ND		330	10	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2,3,4,6-Tetrachlorophenol	ND		330	22	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2,4,5-Trichlorophenol	ND		330	34	ug/Kg		11/17/22 22:33	11/18/22 07:11	1
2,4,6-Trichlorophenol	ND		130	42	ug/Kg		11/17/22 22:33	11/18/22 07:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*22 - 122*	*11/17/22 22:33*	*11/18/22 07:11*	*1*
2-Fluorophenol (Surr)	*72*		*18 - 123*	*11/17/22 22:33*	*11/18/22 07:11*	*1*
Nitrobenzene-d5 (Surr)	*77*		*16 - 125*	*11/17/22 22:33*	*11/18/22 07:11*	*1*
Phenol-d5 (Surr)	*77*		*23 - 120*	*11/17/22 22:33*	*11/18/22 07:11*	*1*
Terphenyl-d14 (Surr)	*83*		*25 - 126*	*11/17/22 22:33*	*11/18/22 07:11*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 123*	*11/17/22 22:33*	*11/18/22 07:11*	*1*

Lab Sample ID: LCS 460-878615/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878657 **Prep Batch: 878615**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3330	2280		ug/Kg		69	49 - 120
Acenaphthylene	3330	2470		ug/Kg		74	64 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878615/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878657 **Prep Batch: 878615**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetophenone	3330	2670		ug/Kg		80	61 - 120
Anthracene	3330	2560		ug/Kg		77	67 - 120
Atrazine	1330	1520		ug/Kg		114	29 - 150
Benzaldehyde	1330	1420		ug/Kg		107	34 - 150
Benzo[a]anthracene	3330	2610		ug/Kg		78	62 - 120
Benzo[a]pyrene	3330	2430		ug/Kg		73	73 - 123
Benzo[b]fluoranthene	3330	2810		ug/Kg		84	70 - 125
Benzo[g,h,i]perylene	3330	2610		ug/Kg		78	66 - 120
Benzo[k]fluoranthene	3330	2620		ug/Kg		79	67 - 122
1,1'-Biphenyl	3330	2600		ug/Kg		78	59 - 120
Bis(2-chloroethoxy)methane	3330	2670		ug/Kg		80	62 - 120
Bis(2-chloroethyl)ether	3330	2760		ug/Kg		83	60 - 120
Bis(2-ethylhexyl) phthalate	3330	2900		ug/Kg		87	59 - 125
4-Bromophenyl phenyl ether	3330	2680		ug/Kg		80	67 - 120
Butyl benzyl phthalate	3330	2910		ug/Kg		87	62 - 127
Caprolactam	1330	1540		ug/Kg		116	36 - 150
Carbazole	3330	2580		ug/Kg		77	64 - 120
4-Chloroaniline	3330	2500		ug/Kg		75	15 - 128
4-Chloro-3-methylphenol	3330	2680		ug/Kg		81	66 - 120
2-Chloronaphthalene	3330	2580		ug/Kg		77	60 - 120
2-Chlorophenol	3330	2580		ug/Kg		77	63 - 120
4-Chlorophenyl phenyl ether	3330	2640		ug/Kg		79	62 - 120
Chrysene	3330	2660		ug/Kg		80	63 - 120
Dibenz(a,h)anthracene	3330	2780		ug/Kg		84	66 - 128
Dibenzofuran	3330	2600		ug/Kg		78	61 - 120
3,3'-Dichlorobenzidine	3330	2810		ug/Kg		84	13 - 136
2,4-Dichlorophenol	3330	2390		ug/Kg		72	66 - 120
Diethyl phthalate	3330	2710		ug/Kg		81	63 - 120
2,4-Dimethylphenol	3330	2480		ug/Kg		74	67 - 120
Dimethyl phthalate	3330	2610		ug/Kg		78	65 - 120
Di-n-butyl phthalate	3330	2780		ug/Kg		83	66 - 120
4,6-Dinitro-2-methylphenol	6670	5640		ug/Kg		85	50 - 136
2,4-Dinitrophenol	6670	5090		ug/Kg		76	36 - 129
2,4-Dinitrotoluene	3330	2780		ug/Kg		83	65 - 124
2,6-Dinitrotoluene	3330	2780		ug/Kg		83	67 - 121
Di-n-octyl phthalate	3330	2880		ug/Kg		86	65 - 133
1,4-Dioxane	3330	2280		ug/Kg		68	21 - 120
Fluoranthene	3330	2570		ug/Kg		77	61 - 120
Fluorene	3330	2630		ug/Kg		79	60 - 120
Hexachlorobenzene	3330	2550		ug/Kg		76	66 - 120
Hexachlorobutadiene	3330	2330		ug/Kg		70	62 - 120
Hexachlorocyclopentadiene	3330	2360		ug/Kg		71	38 - 120
Hexachloroethane	3330	2630		ug/Kg		79	61 - 120
Indeno[1,2,3-cd]pyrene	3330	2880		ug/Kg		86	62 - 130
Isophorone	3330	2680		ug/Kg		80	67 - 120
2-Methylnaphthalene	3330	2250		ug/Kg		67	64 - 120
2-Methylphenol	3330	2710		ug/Kg		81	63 - 120
Methylphenol, 3 & 4	3330	2690		ug/Kg		81	61 - 120
Naphthalene	3330	2490		ug/Kg		75	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-878615/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878657 **Prep Batch: 878615**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2-Nitroaniline			3330	2810		ug/Kg		84	48 - 120		
3-Nitroaniline			3330	2760		ug/Kg		83	39 - 122		
4-Nitroaniline			3330	2700		ug/Kg		81	55 - 120		
Nitrobenzene			3330	2750		ug/Kg		83	63 - 120		
2-Nitrophenol			3330	2440		ug/Kg		73	64 - 120		
4-Nitrophenol			6670	4930		ug/Kg		74	52 - 123		
N-Nitrosodi-n-propylamine			3330	2790		ug/Kg		84	61 - 120		
N-Nitrosodiphenylamine			3330	2680		ug/Kg		80	63 - 120		
2,2'-oxybis[1-chloropropane]			3330	3050		ug/Kg		91	49 - 126		
Pentachlorophenol			6670	4970		ug/Kg		74	37 - 126		
Phenanthrene			3330	2550		ug/Kg		76	66 - 120		
Phenol			3330	2760		ug/Kg		83	63 - 120		
Pyrene			3330	2780		ug/Kg		83	61 - 121		
1,2,4,5-Tetrachlorobenzene			3330	2550		ug/Kg		76	60 - 120		
2,3,4,6-Tetrachlorophenol			3330	2490		ug/Kg		75	54 - 120		
2,4,5-Trichlorophenol			3330	2570		ug/Kg		77	59 - 120		
2,4,6-Trichlorophenol			3330	2490		ug/Kg		75	58 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*22 - 122*
2-Fluorophenol (Surr)	*72*		*18 - 123*
Nitrobenzene-d5 (Surr)	*74*		*16 - 125*
Phenol-d5 (Surr)	*79*		*23 - 120*
Terphenyl-d14 (Surr)	*81*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 123*

Lab Sample ID: LCSD 460-878615/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878657 **Prep Batch: 878615**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			3330	2270		ug/Kg		68	49 - 120	0	30
Acenaphthylene			3330	2480		ug/Kg		74	64 - 120	0	30
Acetophenone			3330	2610		ug/Kg		78	61 - 120	2	30
Anthracene			3330	2540		ug/Kg		76	67 - 120	1	30
Atrazine			1330	1440		ug/Kg		108	29 - 150	6	30
Benzaldehyde			1330	1400		ug/Kg		105	34 - 150	1	30
Benzo[a]anthracene			3330	2580		ug/Kg		77	62 - 120	1	30
Benzo[a]pyrene			3330	2440		ug/Kg		73	73 - 123	0	30
Benzo[b]fluoranthene			3330	2680		ug/Kg		80	70 - 125	5	30
Benzo[g,h,i]perylene			3330	2600		ug/Kg		78	66 - 120	0	30
Benzo[k]fluoranthene			3330	2590		ug/Kg		78	67 - 122	1	30
1,1'-Biphenyl			3330	2580		ug/Kg		77	59 - 120	1	30
Bis(2-chloroethoxy)methane			3330	2700		ug/Kg		81	62 - 120	1	30
Bis(2-chloroethyl)ether			3330	2660		ug/Kg		80	60 - 120	3	30
Bis(2-ethylhexyl) phthalate			3330	2830		ug/Kg		85	59 - 125	3	30
4-Bromophenyl phenyl ether			3330	2540		ug/Kg		76	67 - 120	5	30
Butyl benzyl phthalate			3330	2910		ug/Kg		87	62 - 127	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-878615/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 878657
Prep Batch: 878615

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Caprolactam			1330	1590		ug/Kg		120	36 - 150	3	30
Carbazole			3330	2530		ug/Kg		76	64 - 120	2	30
4-Chloroaniline			3330	2530		ug/Kg		76	15 - 128	1	30
4-Chloro-3-methylphenol			3330	2680		ug/Kg		81	66 - 120	0	30
2-Chloronaphthalene			3330	2610		ug/Kg		78	60 - 120	1	30
2-Chlorophenol			3330	2560		ug/Kg		77	63 - 120	0	30
4-Chlorophenyl phenyl ether			3330	2590		ug/Kg		78	62 - 120	2	30
Chrysene			3330	2620		ug/Kg		79	63 - 120	1	30
Dibenz(a,h)anthracene			3330	2780		ug/Kg		83	66 - 128	0	30
Dibenzofuran			3330	2650		ug/Kg		79	61 - 120	2	30
3,3'-Dichlorobenzidine			3330	2760		ug/Kg		83	13 - 136	2	30
2,4-Dichlorophenol			3330	2480		ug/Kg		74	66 - 120	4	30
Diethyl phthalate			3330	2740		ug/Kg		82	63 - 120	1	30
2,4-Dimethylphenol			3330	2530		ug/Kg		76	67 - 120	2	30
Dimethyl phthalate			3330	2660		ug/Kg		80	65 - 120	2	30
Di-n-butyl phthalate			3330	2680		ug/Kg		80	66 - 120	4	30
4,6-Dinitro-2-methylphenol			6670	5520		ug/Kg		83	50 - 136	2	30
2,4-Dinitrophenol			6670	5250		ug/Kg		79	36 - 129	3	30
2,4-Dinitrotoluene			3330	2780		ug/Kg		83	65 - 124	0	30
2,6-Dinitrotoluene			3330	2730		ug/Kg		82	67 - 121	2	30
Di-n-octyl phthalate			3330	2850		ug/Kg		86	65 - 133	1	30
1,4-Dioxane			3330	2240		ug/Kg		67	21 - 120	2	30
Fluoranthene			3330	2480		ug/Kg		74	61 - 120	4	30
Fluorene			3330	2580		ug/Kg		77	60 - 120	2	30
Hexachlorobenzene			3330	2390		ug/Kg		72	66 - 120	6	30
Hexachlorobutadiene			3330	2330		ug/Kg		70	62 - 120	0	30
Hexachlorocyclopentadiene			3330	2400		ug/Kg		72	38 - 120	2	30
Hexachloroethane			3330	2540		ug/Kg		76	61 - 120	4	30
Indeno[1,2,3-cd]pyrene			3330	2870		ug/Kg		86	62 - 130	0	30
Isophorone			3330	2700		ug/Kg		81	67 - 120	1	30
2-Methylnaphthalene			3330	2320		ug/Kg		70	64 - 120	3	30
2-Methylphenol			3330	2610		ug/Kg		78	63 - 120	4	30
Methylphenol, 3 & 4			3330	2680		ug/Kg		80	61 - 120	0	30
Naphthalene			3330	2500		ug/Kg		75	63 - 120	1	30
2-Nitroaniline			3330	2870		ug/Kg		86	48 - 120	2	30
3-Nitroaniline			3330	2760		ug/Kg		83	39 - 122	0	30
4-Nitroaniline			3330	2790		ug/Kg		84	55 - 120	3	30
Nitrobenzene			3330	2680		ug/Kg		80	63 - 120	3	30
2-Nitrophenol			3330	2510		ug/Kg		75	64 - 120	3	30
4-Nitrophenol			6670	5080		ug/Kg		76	52 - 123	3	30
N-Nitrosodi-n-propylamine			3330	2780		ug/Kg		83	61 - 120	1	30
N-Nitrosodiphenylamine			3330	2530		ug/Kg		76	63 - 120	6	30
2,2'-oxybis[1-chloropropane]			3330	2880		ug/Kg		87	49 - 126	6	30
Pentachlorophenol			6670	4740		ug/Kg		71	37 - 126	5	30
Phenanthrene			3330	2460		ug/Kg		74	66 - 120	4	30
Phenol			3330	2680		ug/Kg		80	63 - 120	3	30
Pyrene			3330	2800		ug/Kg		84	61 - 121	1	30
1,2,4,5-Tetrachlorobenzene			3330	2620		ug/Kg		79	60 - 120	3	30
2,3,4,6-Tetrachlorophenol			3330	2560		ug/Kg		77	54 - 120	3	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-878615/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878657 **Prep Batch: 878615**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol			3330	2620		ug/Kg		78	59 - 120	2	30
2,4,6-Trichlorophenol			3330	2490		ug/Kg		75	58 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*22 - 122*
2-Fluorophenol (Surr)	*71*		*18 - 123*
Nitrobenzene-d5 (Surr)	*75*		*16 - 125*
Phenol-d5 (Surr)	*76*		*23 - 120*
Terphenyl-d14 (Surr)	*82*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 123*

Lab Sample ID: 180-147956-8 MS **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878657 **Prep Batch: 878615**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND	F2	3790	2420		ug/Kg	☼	64	49 - 120
Acenaphthylene	ND	F2	3790	2610		ug/Kg	☼	69	64 - 120
Acetophenone	ND	F2	3790	2640		ug/Kg	☼	70	61 - 120
Anthracene	ND	F2	3790	2640		ug/Kg	☼	70	67 - 120
Atrazine	ND	F1 F2	1520	1640		ug/Kg	☼	108	29 - 150
Benzaldehyde	ND	F2	1520	1340	E	ug/Kg	☼	88	34 - 150
Benzo[a]anthracene	ND	F2	3790	2750		ug/Kg	☼	73	62 - 120
Benzo[a]pyrene	ND	F1 F2	3790	2620	F1	ug/Kg	☼	69	73 - 123
Benzo[b]fluoranthene	ND	F2	3790	2850		ug/Kg	☼	75	70 - 125
Benzo[g,h,i]perylene	ND	F2	3790	2790		ug/Kg	☼	74	66 - 120
Benzo[k]fluoranthene	ND	F2	3790	2880		ug/Kg	☼	76	67 - 122
1,1'-Biphenyl	ND	F2	3790	2740		ug/Kg	☼	72	59 - 120
Bis(2-chloroethoxy)methane	ND	F2	3790	2660		ug/Kg	☼	70	62 - 120
Bis(2-chloroethyl)ether	ND	F2	3790	2620		ug/Kg	☼	69	60 - 120
Bis(2-ethylhexyl) phthalate	ND	F2	3790	3000		ug/Kg	☼	79	59 - 125
4-Bromophenyl phenyl ether	ND	F2	3790	2700		ug/Kg	☼	71	67 - 120
Butyl benzyl phthalate	ND	F2	3790	2990		ug/Kg	☼	79	62 - 127
Caprolactam	ND	F1 F2	1520	1740		ug/Kg	☼	115	36 - 150
Carbazole	ND	F2	3790	2690		ug/Kg	☼	71	64 - 120
4-Chloroaniline	ND	F2	3790	2530		ug/Kg	☼	67	15 - 128
4-Chloro-3-methylphenol	ND	F2	3790	2730		ug/Kg	☼	72	66 - 120
2-Chloronaphthalene	ND	F2	3790	2650		ug/Kg	☼	70	60 - 120
2-Chlorophenol	ND	F2	3790	2440		ug/Kg	☼	65	63 - 120
4-Chlorophenyl phenyl ether	ND	F2	3790	2720		ug/Kg	☼	72	62 - 120
Chrysene	ND	F2	3790	2640		ug/Kg	☼	70	63 - 120
Dibenz(a,h)anthracene	ND	F2	3790	3010		ug/Kg	☼	79	66 - 128
Dibenzofuran	ND	F2	3790	2750		ug/Kg	☼	73	61 - 120
3,3'-Dichlorobenzidine	ND	F2	3790	2700		ug/Kg	☼	71	13 - 136
2,4-Dichlorophenol	ND	F2	3790	2500		ug/Kg	☼	66	66 - 120
Diethyl phthalate	ND	F2	3790	2860		ug/Kg	☼	75	63 - 120
2,4-Dimethylphenol	ND	F2	3790	2520		ug/Kg	☼	67	67 - 120
Dimethyl phthalate	ND	F2	3790	2800		ug/Kg	☼	74	65 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147956-8 MS **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 878657 **Prep Batch: 878615**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-butyl phthalate	ND	F2	3790	2800		ug/Kg	☼	74	66 - 120
4,6-Dinitro-2-methylphenol	ND	F2	7580	5370		ug/Kg	☼	71	50 - 136
2,4-Dinitrophenol	ND	F2	7580	5130		ug/Kg	☼	68	36 - 129
2,4-Dinitrotoluene	ND	F2	3790	2950		ug/Kg	☼	78	65 - 124
2,6-Dinitrotoluene	ND	F2	3790	2910		ug/Kg	☼	77	67 - 121
Di-n-octyl phthalate	ND	F2	3790	3060		ug/Kg	☼	81	65 - 133
1,4-Dioxane	ND	F2	3790	2060		ug/Kg	☼	54	21 - 120
Fluoranthene	ND	F2	3790	2650		ug/Kg	☼	70	61 - 120
Fluorene	ND	F2	3790	2780		ug/Kg	☼	73	60 - 120
Hexachlorobenzene	ND	F2	3790	2560		ug/Kg	☼	68	66 - 120
Hexachlorobutadiene	ND	F1 F2	3790	2310	F1	ug/Kg	☼	61	62 - 120
Hexachlorocyclopentadiene	ND	F2	3790	2230		ug/Kg	☼	59	38 - 120
Hexachloroethane	ND	F2	3790	2410		ug/Kg	☼	63	61 - 120
Indeno[1,2,3-cd]pyrene	ND	F2	3790	3090		ug/Kg	☼	82	62 - 130
Isophorone	ND	F2	3790	2620		ug/Kg	☼	69	67 - 120
2-Methylnaphthalene	ND	F1 F2	3790	2310	F1	ug/Kg	☼	61	64 - 120
2-Methylphenol	ND	F2	3790	2650		ug/Kg	☼	70	63 - 120
Methylphenol, 3 & 4	ND	F2	3790	2710		ug/Kg	☼	72	61 - 120
Naphthalene	ND	F2	3790	2450		ug/Kg	☼	65	63 - 120
2-Nitroaniline	ND	F2	3790	2960		ug/Kg	☼	78	48 - 120
3-Nitroaniline	ND	F2	3790	2870		ug/Kg	☼	76	39 - 122
4-Nitroaniline	ND	F2	3790	2850		ug/Kg	☼	75	55 - 120
Nitrobenzene	ND	F2	3790	2680		ug/Kg	☼	71	63 - 120
2-Nitrophenol	ND	F2	3790	2470		ug/Kg	☼	65	64 - 120
4-Nitrophenol	ND	F2	7580	5430		ug/Kg	☼	72	52 - 123
N-Nitrosodi-n-propylamine	ND	F2	3790	2690		ug/Kg	☼	71	61 - 120
N-Nitrosodiphenylamine	ND	F2	3790	2650		ug/Kg	☼	70	63 - 120
2,2'-oxybis[1-chloropropane]	ND	F2	3790	2900		ug/Kg	☼	76	49 - 126
Pentachlorophenol	ND	F2	7580	4960		ug/Kg	☼	65	37 - 126
Phenanthrene	ND	F2	3790	2660		ug/Kg	☼	70	66 - 120
Phenol	ND	F2	3790	2700		ug/Kg	☼	71	63 - 120
Pyrene	ND	F2	3790	2910		ug/Kg	☼	77	61 - 121
1,2,4,5-Tetrachlorobenzene	ND	F2	3790	2660		ug/Kg	☼	70	60 - 120
2,3,4,6-Tetrachlorophenol	ND	F2	3790	2720		ug/Kg	☼	72	54 - 120
2,4,5-Trichlorophenol	ND	F2	3790	2770		ug/Kg	☼	73	59 - 120
2,4,6-Trichlorophenol	ND	F2	3790	2590		ug/Kg	☼	68	58 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*65*		*22 - 122*
2-Fluorophenol (Surr)	*59*		*18 - 123*
Nitrobenzene-d5 (Surr)	*64*		*16 - 125*
Phenol-d5 (Surr)	*67*		*23 - 120*
Terphenyl-d14 (Surr)	*76*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 123*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147956-8 MSD
Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 878657
Prep Batch: 878615

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND	F2	3790	3580	F2	ug/Kg	☼	94	49 - 120	39	30
Acenaphthylene	ND	F2	3790	3840	F2	ug/Kg	☼	101	64 - 120	38	30
Acetophenone	ND	F2	3790	3970	F2	ug/Kg	☼	105	61 - 120	40	30
Anthracene	ND	F2	3790	3980	F2	ug/Kg	☼	105	67 - 120	41	30
Atrazine	ND	F1 F2	1520	2550	E F1 F2	ug/Kg	☼	168	29 - 150	43	30
Benzaldehyde	ND	F2	1520	2180	E F2	ug/Kg	☼	144	34 - 150	48	30
Benzo[a]anthracene	ND	F2	3790	4070	F2	ug/Kg	☼	107	62 - 120	39	30
Benzo[a]pyrene	ND	F1 F2	3790	3890	F2	ug/Kg	☼	103	73 - 123	39	30
Benzo[b]fluoranthene	ND	F2	3790	4380	F2	ug/Kg	☼	115	70 - 125	42	30
Benzo[g,h,i]perylene	ND	F2	3790	4150	F2	ug/Kg	☼	109	66 - 120	39	30
Benzo[k]fluoranthene	ND	F2	3790	4070	F2	ug/Kg	☼	107	67 - 122	34	30
1,1'-Biphenyl	ND	F2	3790	3990	F2	ug/Kg	☼	105	59 - 120	37	30
Bis(2-chloroethoxy)methane	ND	F2	3790	4050	F2	ug/Kg	☼	107	62 - 120	42	30
Bis(2-chloroethyl)ether	ND	F2	3790	3980	F2	ug/Kg	☼	105	60 - 120	41	30
Bis(2-ethylhexyl) phthalate	ND	F2	3790	4500	F2	ug/Kg	☼	119	59 - 125	40	30
4-Bromophenyl phenyl ether	ND	F2	3790	4140	F2	ug/Kg	☼	109	67 - 120	42	30
Butyl benzyl phthalate	ND	F2	3790	4580	F2	ug/Kg	☼	121	62 - 127	42	30
Caprolactam	ND	F1 F2	1520	2560	E F1 F2	ug/Kg	☼	169	36 - 150	38	30
Carbazole	ND	F2	3790	4050	F2	ug/Kg	☼	107	64 - 120	40	30
4-Chloroaniline	ND	F2	3790	3790	F2	ug/Kg	☼	100	15 - 128	40	30
4-Chloro-3-methylphenol	ND	F2	3790	4160	F2	ug/Kg	☼	110	66 - 120	42	30
2-Chloronaphthalene	ND	F2	3790	4000	F2	ug/Kg	☼	105	60 - 120	41	30
2-Chlorophenol	ND	F2	3790	3740	F2	ug/Kg	☼	99	63 - 120	42	30
4-Chlorophenyl phenyl ether	ND	F2	3790	4010	F2	ug/Kg	☼	106	62 - 120	38	30
Chrysene	ND	F2	3790	4110	F2	ug/Kg	☼	108	63 - 120	44	30
Dibenz(a,h)anthracene	ND	F2	3790	4360	F2	ug/Kg	☼	115	66 - 128	37	30
Dibenzofuran	ND	F2	3790	4090	F2	ug/Kg	☼	108	61 - 120	39	30
3,3'-Dichlorobenzidine	ND	F2	3790	4230	F2	ug/Kg	☼	111	13 - 136	44	30
2,4-Dichlorophenol	ND	F2	3790	3730	F2	ug/Kg	☼	98	66 - 120	40	30
Diethyl phthalate	ND	F2	3790	4210	F2	ug/Kg	☼	111	63 - 120	38	30
2,4-Dimethylphenol	ND	F2	3790	3830	F2	ug/Kg	☼	101	67 - 120	41	30
Dimethyl phthalate	ND	F2	3790	4150	F2	ug/Kg	☼	109	65 - 120	39	30
Di-n-butyl phthalate	ND	F2	3790	4220	F2	ug/Kg	☼	111	66 - 120	41	30
4,6-Dinitro-2-methylphenol	ND	F2	7590	8340	F2	ug/Kg	☼	110	50 - 136	43	30
2,4-Dinitrophenol	ND	F2	7590	7830	F2	ug/Kg	☼	103	36 - 129	42	30
2,4-Dinitrotoluene	ND	F2	3790	4400	F2	ug/Kg	☼	116	65 - 124	39	30
2,6-Dinitrotoluene	ND	F2	3790	4320	F2	ug/Kg	☼	114	67 - 121	39	30
Di-n-octyl phthalate	ND	F2	3790	4490	F2	ug/Kg	☼	118	65 - 133	38	30
1,4-Dioxane	ND	F2	3790	3300	F2	ug/Kg	☼	87	21 - 120	46	30
Fluoranthene	ND	F2	3790	3930	F2	ug/Kg	☼	104	61 - 120	39	30
Fluorene	ND	F2	3790	4100	F2	ug/Kg	☼	108	60 - 120	38	30
Hexachlorobenzene	ND	F2	3790	3910	F2	ug/Kg	☼	103	66 - 120	42	30
Hexachlorobutadiene	ND	F1 F2	3790	3550	F2	ug/Kg	☼	94	62 - 120	42	30
Hexachlorocyclopentadiene	ND	F2	3790	3390	F2	ug/Kg	☼	89	38 - 120	41	30
Hexachloroethane	ND	F2	3790	3680	F2	ug/Kg	☼	97	61 - 120	42	30
Indeno[1,2,3-cd]pyrene	ND	F2	3790	4570	F2	ug/Kg	☼	120	62 - 130	38	30
Isophorone	ND	F2	3790	4010	F2	ug/Kg	☼	106	67 - 120	42	30
2-Methylnaphthalene	ND	F1 F2	3790	3460	F2	ug/Kg	☼	91	64 - 120	40	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-147956-8 MSD
Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 878657
Prep Batch: 878615

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylphenol	ND	F2	3790	3960	F2	ug/Kg	☼	104	63 - 120	39	30
Methylphenol, 3 & 4	ND	F2	3790	4080	F2	ug/Kg	☼	107	61 - 120	40	30
Naphthalene	ND	F2	3790	3740	F2	ug/Kg	☼	99	63 - 120	42	30
2-Nitroaniline	ND	F2	3790	4300	F2	ug/Kg	☼	113	48 - 120	37	30
3-Nitroaniline	ND	F2	3790	4230	F2	ug/Kg	☼	112	39 - 122	38	30
4-Nitroaniline	ND	F2	3790	4230	F2	ug/Kg	☼	112	55 - 120	39	30
Nitrobenzene	ND	F2	3790	4110	F2	ug/Kg	☼	108	63 - 120	42	30
2-Nitrophenol	ND	F2	3790	3760	F2	ug/Kg	☼	99	64 - 120	42	30
4-Nitrophenol	ND	F2	7590	8010	F2	ug/Kg	☼	106	52 - 123	38	30
N-Nitrosodi-n-propylamine	ND	F2	3790	4120	F2	ug/Kg	☼	109	61 - 120	42	30
N-Nitrosodiphenylamine	ND	F2	3790	3980	F2	ug/Kg	☼	105	63 - 120	40	30
2,2'-oxybis[1-chloropropane]	ND	F2	3790	4310	F2	ug/Kg	☼	114	49 - 126	39	30
Pentachlorophenol	ND	F2	7590	7470	F2	ug/Kg	☼	99	37 - 126	40	30
Phenanthrene	ND	F2	3790	4030	F2	ug/Kg	☼	106	66 - 120	41	30
Phenol	ND	F2	3790	3990	F2	ug/Kg	☼	105	63 - 120	38	30
Pyrene	ND	F2	3790	4420	F2	ug/Kg	☼	117	61 - 121	41	30
1,2,4,5-Tetrachlorobenzene	ND	F2	3790	3950	F2	ug/Kg	☼	104	60 - 120	39	30
2,3,4,6-Tetrachlorophenol	ND	F2	3790	3970	F2	ug/Kg	☼	105	54 - 120	37	30
2,4,5-Trichlorophenol	ND	F2	3790	4140	F2	ug/Kg	☼	109	59 - 120	39	30
2,4,6-Trichlorophenol	ND	F2	3790	3910	F2	ug/Kg	☼	103	58 - 120	41	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*95*		*22 - 122*
2-Fluorophenol (Surr)	*89*		*18 - 123*
Nitrobenzene-d5 (Surr)	*96*		*16 - 125*
Phenol-d5 (Surr)	*100*		*23 - 120*
Terphenyl-d14 (Surr)	*112*		*25 - 126*
2,4,6-Tribromophenol (Surr)	*106*		*10 - 123*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-418615/1-C
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 419183
Prep Batch: 418615

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		11/18/22 10:15	11/28/22 18:06	1
PCB-1221	ND		17	5.9	ug/Kg		11/18/22 10:15	11/28/22 18:06	1
PCB-1232	ND		17	4.1	ug/Kg		11/18/22 10:15	11/28/22 18:06	1
PCB-1242	ND		17	2.4	ug/Kg		11/18/22 10:15	11/28/22 18:06	1
PCB-1248	ND		17	4.0	ug/Kg		11/18/22 10:15	11/28/22 18:06	1
PCB-1254	ND		17	5.0	ug/Kg		11/18/22 10:15	11/28/22 18:06	1
PCB-1260	ND		17	4.7	ug/Kg		11/18/22 10:15	11/28/22 18:06	1
PCB-1262	ND		17	5.9	ug/Kg		11/18/22 10:15	11/28/22 18:06	1
PCB-1268	ND		17	2.2	ug/Kg		11/18/22 10:15	11/28/22 18:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*101*		*63 - 138*	*11/18/22 10:15*	*11/28/22 18:06*	*1*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 180-418615/1-C — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 419183 — **Prep Batch: 418615**

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	98		63 - 138	11/18/22 10:15	11/28/22 18:06	1
Tetrachloro-m-xylene (Surr)	113		55 - 135	11/18/22 10:15	11/28/22 18:06	1
Tetrachloro-m-xylene (Surr)	111		55 - 135	11/18/22 10:15	11/28/22 18:06	1

Lab Sample ID: LCS 180-418615/2-C — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 419183 — **Prep Batch: 418615**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1320		ug/Kg		99	43 - 136		
PCB-1260			1330	1040		ug/Kg		78	55 - 128		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	98		63 - 138
DCB Decachlorobiphenyl (Surr)	96		63 - 138
Tetrachloro-m-xylene (Surr)	109		55 - 135
Tetrachloro-m-xylene (Surr)	106		55 - 135

Lab Sample ID: 180-147956-8 MS — **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 419183 — **Prep Batch: 418615**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1510	1340		ug/Kg	☼	89	43 - 136		
PCB-1260	ND		1510	1070		ug/Kg	☼	71	55 - 128		

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	84		63 - 138
DCB Decachlorobiphenyl (Surr)	85		63 - 138
Tetrachloro-m-xylene (Surr)	98		55 - 135
Tetrachloro-m-xylene (Surr)	97		55 - 135

Lab Sample ID: 180-147956-8 MSD — **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 419183 — **Prep Batch: 418615**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1510	1510		ug/Kg	☼	100	43 - 136	12	40
PCB-1260	ND		1510	1220		ug/Kg	☼	81	55 - 128	13	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	98		63 - 138
DCB Decachlorobiphenyl (Surr)	97		63 - 138
Tetrachloro-m-xylene (Surr)	112		55 - 135
Tetrachloro-m-xylene (Surr)	109		55 - 135

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-147956-19 MS — **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 419183 — **Prep Batch: 418615**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		1540	1150		ug/Kg	☼	75	43 - 136
PCB-1260	11	J	1540	878		ug/Kg	☼	56	55 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*74*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*73*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*83*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*82*		*55 - 135*

Lab Sample ID: 180-147956-19 MSD — **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 419183 — **Prep Batch: 418615**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1510	1160		ug/Kg	☼	77	43 - 136	1	40
PCB-1260	11	J	1510	854		ug/Kg	☼	56	55 - 128	3	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*75*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*76*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*84*		*55 - 135*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-552288/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552490 — **Prep Batch: 552288**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.3	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Antimony	ND		2.0	0.36	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Arsenic	ND		1.5	0.32	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Barium	ND		20	0.36	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Beryllium	ND		0.50	0.054	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Cadmium	ND		0.50	0.048	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Calcium	ND		500	36	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Chromium	ND		1.0	0.34	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Cobalt	ND		1.0	0.20	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Copper	ND		2.5	0.24	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Iron	ND		20	6.9	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Lead	ND		1.0	0.28	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Magnesium	ND		500	46	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Manganese	ND		1.5	1.1	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Nickel	ND		4.0	0.23	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Potassium	ND		500	79	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Selenium	ND		2.0	0.47	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Silver	ND		1.0	0.081	mg/Kg		11/16/22 15:00	11/17/22 15:22	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-552288/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552288**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		500	63	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Thallium	ND		2.0	0.40	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Vanadium	ND		5.0	0.82	mg/Kg		11/16/22 15:00	11/17/22 15:22	1
Zinc	ND		5.0	1.4	mg/Kg		11/16/22 15:00	11/17/22 15:22	1

Lab Sample ID: LCS 240-552288/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552288**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	1000	901		mg/Kg		90	80 - 120
Antimony	100	96.3		mg/Kg		96	80 - 120
Arsenic	200	184		mg/Kg		92	80 - 120
Barium	200	173		mg/Kg		87	80 - 120
Beryllium	100	93.5		mg/Kg		94	80 - 120
Cadmium	100	90.5		mg/Kg		91	80 - 120
Calcium	5000	4530		mg/Kg		91	80 - 120
Chromium	100	88.3		mg/Kg		88	80 - 120
Cobalt	100	90.7		mg/Kg		91	80 - 120
Copper	100	85.6		mg/Kg		86	80 - 120
Iron	1000	900		mg/Kg		90	80 - 120
Lead	100	87.3		mg/Kg		87	80 - 120
Magnesium	5000	4500		mg/Kg		90	80 - 120
Manganese	100	88.6		mg/Kg		89	80 - 120
Nickel	100	91.3		mg/Kg		91	80 - 120
Potassium	5000	4520		mg/Kg		90	80 - 120
Selenium	200	183		mg/Kg		91	80 - 120
Silver	10.0	9.10		mg/Kg		91	80 - 120
Sodium	5000	4540		mg/Kg		91	80 - 120
Thallium	200	180		mg/Kg		90	80 - 120
Vanadium	100	91.1		mg/Kg		91	80 - 120
Zinc	100	93.1		mg/Kg		93	80 - 120

Lab Sample ID: 180-147956-8 MS **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552288**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8900		1040	11800	4	mg/Kg	☼	281	75 - 125
Antimony	ND	F1	104	38.6	F1	mg/Kg	☼	37	75 - 125
Arsenic	6.0		207	174		mg/Kg	☼	81	75 - 125
Barium	76		207	254		mg/Kg	☼	86	75 - 125
Beryllium	0.40	J	104	86.6		mg/Kg	☼	83	75 - 125
Cadmium	0.075	J	104	83.5		mg/Kg	☼	81	75 - 125
Calcium	1300		5180	5480		mg/Kg	☼	81	75 - 125
Chromium	9.4		104	93.0		mg/Kg	☼	81	75 - 125
Cobalt	6.0		104	99.8		mg/Kg	☼	91	75 - 125
Copper	15		104	96.7		mg/Kg	☼	79	75 - 125
Iron	15000		1040	16000	4	mg/Kg	☼	125	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-147956-8 MS **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552288**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	15	F1	104	92.1		mg/Kg	☼	75	75 - 125
Magnesium	1900		5180	6010		mg/Kg	☼	80	75 - 125
Manganese	440		104	508	4	mg/Kg	☼	67	75 - 125
Nickel	13		104	108		mg/Kg	☼	92	75 - 125
Potassium	440	J	5180	4880		mg/Kg	☼	86	75 - 125
Selenium	0.49	J	207	166		mg/Kg	☼	80	75 - 125
Silver	ND		10.4	8.57		mg/Kg	☼	83	75 - 125
Sodium	ND		5180	4240		mg/Kg	☼	82	75 - 125
Thallium	ND		207	179		mg/Kg	☼	87	75 - 125
Vanadium	13		104	99.3		mg/Kg	☼	83	75 - 125
Zinc	52		104	160		mg/Kg	☼	104	75 - 125

Lab Sample ID: 180-147956-8 MSD **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 552490 **Prep Batch: 552288**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	8900		1040	10400	4	mg/Kg	☼	144	75 - 125	13	20
Antimony	ND	F1	104	44.5	F1	mg/Kg	☼	43	75 - 125	14	20
Arsenic	6.0		207	173		mg/Kg	☼	81	75 - 125	0	20
Barium	76		207	242		mg/Kg	☼	80	75 - 125	5	20
Beryllium	0.40	J	104	87.0		mg/Kg	☼	84	75 - 125	0	20
Cadmium	0.075	J	104	83.6		mg/Kg	☼	81	75 - 125	0	20
Calcium	1300		5180	5280		mg/Kg	☼	77	75 - 125	4	20
Chromium	9.4		104	91.6		mg/Kg	☼	79	75 - 125	2	20
Cobalt	6.0		104	98.1		mg/Kg	☼	89	75 - 125	2	20
Copper	15		104	93.9		mg/Kg	☼	76	75 - 125	3	20
Iron	15000		1040	13600	4	mg/Kg	☼	-111	75 - 125	16	20
Lead	15	F1	104	90.9	F1	mg/Kg	☼	74	75 - 125	1	20
Magnesium	1900		5180	5920		mg/Kg	☼	78	75 - 125	2	20
Manganese	440		104	484	4	mg/Kg	☼	44	75 - 125	5	20
Nickel	13		104	105		mg/Kg	☼	89	75 - 125	3	20
Potassium	440	J	5180	4800		mg/Kg	☼	84	75 - 125	2	20
Selenium	0.49	J	207	167		mg/Kg	☼	80	75 - 125	0	20
Silver	ND		10.4	8.64		mg/Kg	☼	83	75 - 125	1	20
Sodium	ND		5180	4240		mg/Kg	☼	82	75 - 125	0	20
Thallium	ND		207	178		mg/Kg	☼	86	75 - 125	1	20
Vanadium	13		104	98.2		mg/Kg	☼	82	75 - 125	1	20
Zinc	52		104	148		mg/Kg	☼	92	75 - 125	8	20

Lab Sample ID: MB 240-553005/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 553295 **Prep Batch: 553005**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.3	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Antimony	ND		2.0	0.36	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Arsenic	ND		1.5	0.32	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Barium	ND		20	0.36	mg/Kg		11/21/22 15:00	11/22/22 18:00	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-553005/1-A
Matrix: Solid
Analysis Batch: 553295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 553005

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.50	0.054	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Cadmium	ND		0.50	0.048	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Calcium	ND		500	36	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Chromium	ND		1.0	0.34	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Cobalt	ND		1.0	0.20	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Copper	ND		2.5	0.24	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Iron	ND		20	6.9	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Lead	ND		1.0	0.28	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Magnesium	ND		500	46	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Manganese	ND		1.5	1.1	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Nickel	ND		4.0	0.23	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Potassium	ND		500	79	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Selenium	ND		2.0	0.47	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Silver	ND		1.0	0.081	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Sodium	106	J	500	63	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Thallium	ND		2.0	0.40	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Vanadium	ND		5.0	0.82	mg/Kg		11/21/22 15:00	11/22/22 18:00	1
Zinc	ND		5.0	1.4	mg/Kg		11/21/22 15:00	11/22/22 18:00	1

Lab Sample ID: LCS 240-553005/2-A
Matrix: Solid
Analysis Batch: 553295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 553005

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	1000	929		mg/Kg		93	80 - 120
Antimony	100	100		mg/Kg		100	80 - 120
Arsenic	200	194		mg/Kg		97	80 - 120
Barium	200	186		mg/Kg		93	80 - 120
Beryllium	100	94.6		mg/Kg		95	80 - 120
Cadmium	100	97.0		mg/Kg		97	80 - 120
Calcium	5000	4630		mg/Kg		93	80 - 120
Chromium	100	94.6		mg/Kg		95	80 - 120
Cobalt	100	95.1		mg/Kg		95	80 - 120
Copper	100	91.4		mg/Kg		91	80 - 120
Iron	1000	906		mg/Kg		91	80 - 120
Lead	100	92.1		mg/Kg		92	80 - 120
Magnesium	5000	4520		mg/Kg		90	80 - 120
Manganese	100	92.1		mg/Kg		92	80 - 120
Nickel	100	95.5		mg/Kg		96	80 - 120
Potassium	5000	4660		mg/Kg		93	80 - 120
Selenium	200	191		mg/Kg		96	80 - 120
Silver	10.0	9.74		mg/Kg		97	80 - 120
Sodium	5000	4630		mg/Kg		93	80 - 120
Thallium	200	187		mg/Kg		93	80 - 120
Vanadium	100	93.2		mg/Kg		93	80 - 120
Zinc	100	96.8		mg/Kg		97	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-147956-19 MS
Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 553295
Prep Batch: 553005

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6600		1120	10000	4	mg/Kg	☼	301	75 - 125
Antimony	ND	F1	112	63.7	F1	mg/Kg	☼	57	75 - 125
Arsenic	5.1		225	203		mg/Kg	☼	88	75 - 125
Barium	95		225	303		mg/Kg	☼	92	75 - 125
Beryllium	0.31	J	112	99.3		mg/Kg	☼	88	75 - 125
Cadmium	1.0		112	99.3		mg/Kg	☼	87	75 - 125
Calcium	8000	F1 F2	5620	11900	F1	mg/Kg	☼	70	75 - 125
Chromium	11		112	111		mg/Kg	☼	89	75 - 125
Cobalt	5.1		112	112		mg/Kg	☼	95	75 - 125
Copper	19		112	116		mg/Kg	☼	86	75 - 125
Iron	12000		1120	15800	4	mg/Kg	☼	311	75 - 125
Lead	220	F1	112	323		mg/Kg	☼	88	75 - 125
Magnesium	3000	F1 F2	5620	7860		mg/Kg	☼	87	75 - 125
Manganese	420		112	552		mg/Kg	☼	119	75 - 125
Nickel	12		112	120		mg/Kg	☼	96	75 - 125
Potassium	950		5620	6190		mg/Kg	☼	93	75 - 125
Selenium	1.0	J	225	197		mg/Kg	☼	87	75 - 125
Silver	ND		11.2	10.1		mg/Kg	☼	90	75 - 125
Sodium	100	J B	5620	4890		mg/Kg	☼	85	75 - 125
Thallium	ND		225	201		mg/Kg	☼	89	75 - 125
Vanadium	11		112	111		mg/Kg	☼	89	75 - 125
Zinc	590		112	718	4	mg/Kg	☼	115	75 - 125

Lab Sample ID: 180-147956-19 MSD
Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 553295
Prep Batch: 553005

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	6600		1120	9100	4	mg/Kg	☼	221	75 - 125	9	20
Antimony	ND	F1	112	60.7	F1	mg/Kg	☼	54	75 - 125	5	20
Arsenic	5.1		225	208		mg/Kg	☼	90	75 - 125	2	20
Barium	95		225	323		mg/Kg	☼	101	75 - 125	7	20
Beryllium	0.31	J	112	101		mg/Kg	☼	90	75 - 125	2	20
Cadmium	1.0		112	101		mg/Kg	☼	89	75 - 125	2	20
Calcium	8000	F1 F2	5620	17100	F1 F2	mg/Kg	☼	162	75 - 125	36	20
Chromium	11		112	112		mg/Kg	☼	90	75 - 125	1	20
Cobalt	5.1		112	113		mg/Kg	☼	96	75 - 125	1	20
Copper	19		112	115		mg/Kg	☼	85	75 - 125	1	20
Iron	12000		1120	13200	4	mg/Kg	☼	79	75 - 125	18	20
Lead	220	F1	112	302	F1	mg/Kg	☼	70	75 - 125	6	20
Magnesium	3000	F1 F2	5620	10300	F1 F2	mg/Kg	☼	131	75 - 125	27	20
Manganese	420		112	509		mg/Kg	☼	81	75 - 125	8	20
Nickel	12		112	121		mg/Kg	☼	97	75 - 125	1	20
Potassium	950		5620	6110		mg/Kg	☼	92	75 - 125	1	20
Selenium	1.0	J	225	201		mg/Kg	☼	89	75 - 125	2	20
Silver	ND		11.2	10.3		mg/Kg	☼	91	75 - 125	2	20
Sodium	100	J B	5620	4900		mg/Kg	☼	85	75 - 125	0	20
Thallium	ND		225	205		mg/Kg	☼	91	75 - 125	2	20
Vanadium	11		112	110		mg/Kg	☼	88	75 - 125	1	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-147956-19 MSD — **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 553295 — **Prep Batch: 553005**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	590		112	679	4	mg/Kg	☼	81	75 - 125	6	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-552289/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552532 — **Prep Batch: 552289**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		11/16/22 15:00	11/17/22 11:27	1

Lab Sample ID: LCS 240-552289/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552532 — **Prep Batch: 552289**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.833	0.795		mg/Kg		95	80 - 120		

Lab Sample ID: 180-147956-8 MS — **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552532 — **Prep Batch: 552289**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.041	J	0.215	0.270		mg/Kg	☼	107	80 - 120		

Lab Sample ID: 180-147956-8 MSD — **Client Sample ID: SSHS-IRM5A2-SCV17-0.5-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552532 — **Prep Batch: 552289**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.041	J	0.215	0.260		mg/Kg	☼	102	80 - 120	4	20

Lab Sample ID: 180-147956-19 MS — **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552532 — **Prep Batch: 552289**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.086	J	0.202	0.250		mg/Kg	☼	81	80 - 120		

Lab Sample ID: 180-147956-19 MSD — **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 552532 — **Prep Batch: 552289**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.086	J	0.202	0.270		mg/Kg	☼	91	80 - 120	8	20

Client: Geosyntec Consultants, Inc.
Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

Method: Moisture - Percent Moisture

Lab Sample ID: 180-147956-19 DU
Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 878541

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	14.5			24.7	F3	%				52	20
Percent Solids	85.5			75.3		%				13	20

QC Association Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-1
Project/Site: Former Sperry Remington-Soil Cover Verification

GC/MS VOA

Prep Batch: 878537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	5035	
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	5035	
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	5035	
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	5035	
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	5035	
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	5035	
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	5035	
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	5035	
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	5035	
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	5035	
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	5035	
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	5035	
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	5035	
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	5035	
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	5035	
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	5035	
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	5035	
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	5035	
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	5035	
180-147956-20	BLANK TERRACORE 1 LOT 0110901H	Total/NA	Solid	5035	
180-147956-8 MS	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	5035	
180-147956-8 MSD	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	5035	
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	5035	
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	5035	

Analysis Batch: 879056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	8260D	878537
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	8260D	878537
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	8260D	878537
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	8260D	878537
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	8260D	878537
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	8260D	878537
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	8260D	878537
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	8260D	878537
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	8260D	878537
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	8260D	878537
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	8260D	878537
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	8260D	878537
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	8260D	878537
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	8260D	878537
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	8260D	878537
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	8260D	878537
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	8260D	878537
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	8260D	878537
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	8260D	878537
180-147956-20	BLANK TERRACORE 1 LOT 0110901H	Total/NA	Solid	8260D	878537
MB 460-879056/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-879056/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-879056/34	Lab Control Sample Dup	Total/NA	Solid	8260D	
180-147956-8 MSD	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	8260D	878537

GC/MS VOA (Continued)

Analysis Batch: 879056 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	8260D	878537
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	8260D	878537

Analysis Batch: 879171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-879171/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-879171/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-879171/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
180-147956-8 MS	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	8260D	878537

GC/MS Semi VOA

Prep Batch: 878607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	3546	
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	3546	
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	3546	
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	3546	
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	3546	
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	3546	
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	3546	
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	3546	
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	3546	
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	3546	
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	3546	
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	3546	
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	3546	
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	3546	
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	3546	
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	3546	
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	3546	
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3546	
MB 460-878607/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-878607/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-878607/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3546	
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3546	

Prep Batch: 878615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3546	
MB 460-878615/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-878615/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-878615/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
180-147956-8 MS	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3546	
180-147956-8 MSD	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3546	

Analysis Batch: 878657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	8270E	878615
MB 460-878615/1-A	Method Blank	Total/NA	Solid	8270E	878615

GC/MS Semi VOA (Continued)

Analysis Batch: 878657 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 460-878615/2-A	Lab Control Sample	Total/NA	Solid	8270E	878615
LCSD 460-878615/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	878615
180-147956-8 MS	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	8270E	878615
180-147956-8 MSD	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	8270E	878615

Analysis Batch: 878694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	8270E	878607
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	8270E	878607
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	8270E	878607
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	8270E	878607
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	8270E	878607
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	8270E	878607
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	8270E	878607
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	8270E	878607
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	8270E	878607
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	8270E	878607
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	8270E	878607
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	8270E	878607
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	8270E	878607
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	8270E	878607
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	8270E	878607
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	8270E	878607
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	8270E	878607
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	8270E	878607
MB 460-878607/1-A	Method Blank	Total/NA	Solid	8270E	878607
LCS 460-878607/2-A	Lab Control Sample	Total/NA	Solid	8270E	878607
LCSD 460-878607/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	878607
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	8270E	878607
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	8270E	878607

GC Semi VOA

Prep Batch: 418615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	3541	
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	3541	
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	3541	
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	3541	
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	3541	
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	3541	
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	3541	
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3541	
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	3541	
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	3541	
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	3541	
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	3541	
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	3541	
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	3541	
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	3541	
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	3541	

GC Semi VOA (Continued)

Prep Batch: 418615 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	3541	
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	3541	
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3541	
MB 180-418615/1-C	Method Blank	Total/NA	Solid	3541	
LCS 180-418615/2-C	Lab Control Sample	Total/NA	Solid	3541	
180-147956-8 MS	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3541	
180-147956-8 MSD	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3541	
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3541	
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3541	

Cleanup Batch: 418705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	3665A	418615
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	3665A	418615
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	3665A	418615
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	3665A	418615
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	3665A	418615
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	3665A	418615
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	3665A	418615
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3665A	418615
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	3665A	418615
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	3665A	418615
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	3665A	418615
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	3665A	418615
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	3665A	418615
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	3665A	418615
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	3665A	418615
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	3665A	418615
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	3665A	418615
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	3665A	418615
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3665A	418615
MB 180-418615/1-C	Method Blank	Total/NA	Solid	3665A	418615
LCS 180-418615/2-C	Lab Control Sample	Total/NA	Solid	3665A	418615
180-147956-8 MS	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3665A	418615
180-147956-8 MSD	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3665A	418615
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3665A	418615
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3665A	418615

Cleanup Batch: 418706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	3660B	418705
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	3660B	418705
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	3660B	418705
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	3660B	418705
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	3660B	418705
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	3660B	418705
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	3660B	418705
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3660B	418705
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	3660B	418705
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	3660B	418705
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	3660B	418705

GC Semi VOA (Continued)

Cleanup Batch: 418706 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	3660B	418705
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	3660B	418705
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	3660B	418705
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	3660B	418705
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	3660B	418705
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	3660B	418705
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	3660B	418705
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3660B	418705
MB 180-418615/1-C	Method Blank	Total/NA	Solid	3660B	418705
LCS 180-418615/2-C	Lab Control Sample	Total/NA	Solid	3660B	418705
180-147956-8 MS	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3660B	418705
180-147956-8 MSD	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3660B	418705
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3660B	418705
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3660B	418705

Analysis Batch: 419183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	EPA 8082A	418706
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	EPA 8082A	418706
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	EPA 8082A	418706
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	EPA 8082A	418706
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	EPA 8082A	418706
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	EPA 8082A	418706
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	EPA 8082A	418706
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	EPA 8082A	418706
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	EPA 8082A	418706
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	EPA 8082A	418706
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	EPA 8082A	418706
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	EPA 8082A	418706
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	EPA 8082A	418706
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	EPA 8082A	418706
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	EPA 8082A	418706
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	EPA 8082A	418706
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	EPA 8082A	418706
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	EPA 8082A	418706
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	EPA 8082A	418706
MB 180-418615/1-C	Method Blank	Total/NA	Solid	EPA 8082A	418706
LCS 180-418615/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	418706
180-147956-8 MS	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	EPA 8082A	418706
180-147956-8 MSD	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	EPA 8082A	418706
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	EPA 8082A	418706
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	EPA 8082A	418706

Metals

Prep Batch: 552288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	3050B	
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	3050B	
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	3050B	
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 552288 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	3050B	
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	3050B	
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	3050B	
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3050B	
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	3050B	
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	3050B	
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	3050B	
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	3050B	
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	3050B	
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	3050B	
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	3050B	
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	3050B	
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	3050B	
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	3050B	
MB 240-552288/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-552288/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-147956-8 MS	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3050B	
180-147956-8 MSD	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	3050B	

Prep Batch: 552289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	7471B	
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	7471B	
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	7471B	
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	7471B	
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	7471B	
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	7471B	
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	7471B	
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	7471B	
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	7471B	
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	7471B	
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	7471B	
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	7471B	
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	7471B	
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	7471B	
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	7471B	
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	7471B	
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	7471B	
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	7471B	
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	7471B	
MB 240-552289/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-552289/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-147956-8 MS	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	7471B	
180-147956-8 MSD	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	7471B	
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	7471B	
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	7471B	

Analysis Batch: 552490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	6010D	552288
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	6010D	552288

Metals (Continued)

Analysis Batch: 552490 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	6010D	552288
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	6010D	552288
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	6010D	552288
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	6010D	552288
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	6010D	552288
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	6010D	552288
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	6010D	552288
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	6010D	552288
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	6010D	552288
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	6010D	552288
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	6010D	552288
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	6010D	552288
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	6010D	552288
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	6010D	552288
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	6010D	552288
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	6010D	552288
MB 240-552288/1-A	Method Blank	Total/NA	Solid	6010D	552288
LCS 240-552288/2-A	Lab Control Sample	Total/NA	Solid	6010D	552288
180-147956-8 MS	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	6010D	552288
180-147956-8 MSD	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	6010D	552288

Analysis Batch: 552532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	7471B	552289
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	7471B	552289
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	7471B	552289
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	7471B	552289
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	7471B	552289
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	7471B	552289
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	7471B	552289
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	7471B	552289
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	7471B	552289
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	7471B	552289
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	7471B	552289
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	7471B	552289
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	7471B	552289
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	7471B	552289
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	7471B	552289
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	7471B	552289
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	7471B	552289
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	7471B	552289
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	7471B	552289
MB 240-552289/1-A	Method Blank	Total/NA	Solid	7471B	552289
LCS 240-552289/2-A	Lab Control Sample	Total/NA	Solid	7471B	552289
180-147956-8 MS	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	7471B	552289
180-147956-8 MSD	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	7471B	552289
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	7471B	552289
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	7471B	552289

Metals

Prep Batch: 553005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3050B	
MB 240-553005/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-553005/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3050B	
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	3050B	

Analysis Batch: 553295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	6010D	553005
MB 240-553005/1-A	Method Blank	Total/NA	Solid	6010D	553005
LCS 240-553005/2-A	Lab Control Sample	Total/NA	Solid	6010D	553005
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	6010D	553005
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	6010D	553005

General Chemistry

Analysis Batch: 878541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-1	SSHS-IRM5A2-SCV21-0.5-1	Total/NA	Solid	Moisture	
180-147956-2	SSHS-IRM5A2-SCV20-0-0.5	Total/NA	Solid	Moisture	
180-147956-3	SSHS-IRM5A2-SCV20-0.5-1	Total/NA	Solid	Moisture	
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	Moisture	
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	Moisture	
180-147956-6	SSHS-IRM5A2-SCV18-0-0.5	Total/NA	Solid	Moisture	
180-147956-7	SSHS-IRM5A2-SCV18-0.5-1	Total/NA	Solid	Moisture	
180-147956-8	SSHS-IRM5A2-SCV17-0.5-1	Total/NA	Solid	Moisture	
180-147956-9	SSHS-IRM5A2-SCV16-0-0.5	Total/NA	Solid	Moisture	
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	Moisture	
180-147956-11	SSHS-IRM5A2-SCV15-0.5-1	Total/NA	Solid	Moisture	
180-147956-12	SSHS-IRM5A2-SCV14-0-0.5	Total/NA	Solid	Moisture	
180-147956-13	SSHS-IRM5A2-SCV14-0.5-1	Total/NA	Solid	Moisture	
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	Moisture	
180-147956-15	SSHS-IRM5A2-SCV13-0.5-1	Total/NA	Solid	Moisture	
180-147956-16	SSHS-IRM5A2-SCV-DUP7	Total/NA	Solid	Moisture	
180-147956-17	SSHS-IRM5A2-SCV12-0-0.5	Total/NA	Solid	Moisture	
180-147956-18	SSHS-IRM5A2-SCV12-0.5-1	Total/NA	Solid	Moisture	
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	Moisture	
180-147956-19 DU	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No.: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV21-0.5-1	11/15/22	1305	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV20-0-0.5	11/15/22	1310	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV20-0.5-1	11/15/22	1315	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV19-0.5-1	11/15/22	1320	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV-DUP6	11/15/22	--	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV18-0-0.5	11/15/22	1325	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV18-0.5-1	11/15/22	1330	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV17-0.5-1	11/15/22	1335	G	S	N	Y	X	X	X	X			18	
SSHS-IRM5A2-SCV16-0-0.5	11/15/22	1340	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV16-0.5-1	11/15/22	1345	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV15-0.5-1	11/15/22	1350	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV14-0-0.5	11/15/22	1355	G	S	N	N	X	X	X	X			7	

180-147956 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		11/15/22/1700	Geosyntec		11/16/22 0800	Pitt
2	Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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12/7/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s).	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV14-0.5-1	11/15/22	1400	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV13-0-0.5	11/15/22	1405	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV13-0.5-1	11/15/22	1410	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP7	11/15/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV12-0-0.5	11/15/22	1415	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV12-0.5-1	11/15/22	1420	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV11-0-0.5	11/15/22	1425	G	S	N	Y	X	X	X	X	X	X	22	
BLANK TERRACORE 1 LOT 0110901H	11/15/22	--	G	S	N	N			X				4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 11/15/22 1700	Company: Geosyntec	Received by:	Date/Time: 11/16/22 0900	Company: FedEx
Relinquished by:	Date/Time: 11/15/22	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time.	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV21-0.5-1	11/15/22	1305	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV20-0-0.5	11/15/22	1310	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV20-0.5-1	11/15/22	1315	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV19-0.5-1	11/15/22	1320	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV-DUP6	11/15/22	--	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV18-0-0.5	11/15/22	1325	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV18-0.5-1	11/15/22	1330	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV17-0.5-1	11/15/22	1335	G	S	N	Y	X	X	X	X									18	
SSHS-IRM5A2-SCV16-0-0.5	11/15/22	1340	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV16-0.5-1	11/15/22	1345	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV15-0.5-1	11/15/22	1350	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV14-0-0.5	11/15/22	1355	G	S	N	N	X	X	X	X									7	

180-147956 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Miranda Stelmach	Date/Time: 11/15/22 1700	Company: Geosyntec	Received by: Adam Gannon	Date/Time: 11-16-22 945	Company: ESVC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

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12/7/2022

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV14-0.5-1	11/15/22	1400	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV13-0-0.5	11/15/22	1405	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV13-0.5-1	11/15/22	1410	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP7	11/15/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV12-0-0.5	11/15/22	1415	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV12-0.5-1	11/15/22	1420	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV11-0-0.5	11/15/22	1425	G	S	N	Y	X	X	X	X	X	X	22	
BLANK TERRACORE 1 LOT 0110901H	11/15/22	--	G	S	N	N			X				4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	11/15/22/1700	Geosyntec	[signature]	11-16-22 945	EE NC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins - Canton Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client Geosyntec Site Name _____ Cooler unpacked by: Adam Gourley

Cooler Received on 11-16-22 Opened on 11-16-22

FedEx: 1st Grd (Exp) UPS FAS Clipper Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. 2.9 °C Corrected Cooler Temp. 3.6 °C
   IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC286797
14. Were VOAs on the COC?	Yes	No
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

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Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

180-147956 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV21-0.5-1	11/15/22	1305	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV20-0-0.5	11/15/22	1310	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV20-0.5-1	11/15/22	1315	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV19-0.5-1	11/15/22	1320	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV-DUP6	11/15/22	--	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV18-0-0.5	11/15/22	1325	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV18-0.5-1	11/15/22	1330	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV17-0.5-1	11/15/22	1335	G	S	N	Y	X	X	X	X			18	
SSHS-IRM5A2-SCV16-0-0.5	11/15/22	1340	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV16-0.5-1	11/15/22	1345	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV15-0.5-1	11/15/22	1350	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV14-0-0.5	11/15/22	1355	G	S	N	N	X	X	X	X			7	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Mrau	Date/Time: 11/15/22/1700	Company: Geosyntec	Received by:
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Received by:	Date/Time: 11/16/22 825	Company: TAT SAC	
Received by:	Date/Time:	Company	
Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4.2

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS									Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N										
SSHS-IRM5A2-SCV14-0.5-1	11/15/22	1400	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV13-0-0.5	11/15/22	1405	G	S	N	N	X	X	X	X	X	X									9	
SSHS-IRM5A2-SCV13-0.5-1	11/15/22	1410	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV-DUP7	11/15/22	--	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV12-0-0.5	11/15/22	1415	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV12-0.5-1	11/15/22	1420	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV11-0-0.5	11/15/22	1425	G	S	N	Y	X	X	X	X	X	X									22	
BLANK TERRACORE 1 LOT 0110901H	11/15/22	--	G	S	N	N			X												4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Miranda Ahrens	Date/Time: 11/15/22 1700	Company: Geosyntec	Received by:	Date/Time: 11/16/22 905	Company: EET SAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.2

Ver: 01/16/2019

180-147956

eurofins

Environment Testing
TestAmerica

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV21-0.5-1	11/15/22	1305	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV20-0-0.5	11/15/22	1310	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV20-0.5-1	11/15/22	1315	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV19-0.5-1	11/15/22	1320	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV-DUP6	11/15/22	–	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV18-0-0.5	11/15/22	1325	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV18-0.5-1	11/15/22	1330	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV17-0.5-1	11/15/22	1335	G	S	N	Y	X	X	X	X										18	
SSHS-IRM5A2-SCV16-0-0.5	11/15/22	1340	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV16-0.5-1	11/15/22	1345	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV15-0.5-1	11/15/22	1350	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV14-0-0.5	11/15/22	1355	G	S	N	N	X	X	X	X										7	

180-147956 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	11/15/22/1700	Company: Geosyntec			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

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12/7/2022

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

180-147956

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV14-0.5-1	11/15/22	1400	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV13-0-0.5	11/15/22	1405	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV13-0.5-1	11/15/22	1410	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP7	11/15/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV12-0-0.5	11/15/22	1415	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV12-0.5-1	11/15/22	1420	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV11-0-0.5	11/15/22	1425	G	S	N	Y	X	X	X	X	X	X	22	
BLANK TERRACORE 1 LOT 0110901H	11/15/22	--	G	S	N	N			X				4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		11/17/22/1700	Company: Geosyntec			
2	Relinquished by:	Date/Time: 11/15/22	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 180-147956

Number of Coolers: 4 **IR Gun #** 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.6 °C	3.6 °C	Cooler #4:	0.9 °C	0.9 °C	Cooler #7:	°C	°C
Cooler #2:	1.4 °C	1.4 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	0.9 °C	0.9 °C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: JL **Date:** 11/9/16 JL

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Sacramento
Sample Receiving Notes



Job: _____

Tracking # : 1Z9 7387 8744

SO / ~~FO~~ / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: L03 Corr. Factor: (+ / -) _____ °C

Ice ~~_____~~ Wet _____ Gel _____ Other _____

Cooler Custody Seal: ~~_____~~

Cooler ID: ~~_____~~

Temp Observed: 4.2 °C Corrected: 4.2 °C

From: Temp Blank ☐ Sample ☑

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 11/16/22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SD Date: 11-16-22

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☐	☐	☑

Initials: SD Date: 11-16-22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147956-1

Login Number: 147956
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147956-1

Login Number: 147956
List Number: 2
Creator: Sgro, Angela M

List Source: Eurofins Edison
List Creation: 11/16/22 07:45 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.6/3.6; 1.4/1.4; 0.9/0.9; 0.9/0.9 IR 9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

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JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-147956-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Case Narrative

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Job ID: 180-147956-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-147956-2

Receipt
The samples were received on 11/16/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 0.9º C, 0.9º C, 1.4º C, 3.6º C, 3.6º C, 3.7º C and 4.2º C.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-31-23
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-30-23
Hawaii	State	<cert No.>	01-29-23
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	01-31-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-23
Ohio	State	41252	01-29-23
Oregon	NELAP	4040	01-29-23
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	01-23-23
Utah	NELAP	CA000442021-12	02-28-23
Virginia	NELAP	460278	03-14-23
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-13-22
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants, Inc.
Project/Site: Former Sperry Remington-Soil Cover Verification

Job ID: 180-147956-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Solid	11/15/22 13:20	11/16/22 09:00
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Solid	11/15/22 00:00	11/16/22 09:00
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Solid	11/15/22 13:45	11/16/22 09:00
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Solid	11/15/22 14:05	11/16/22 09:00
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Solid	11/15/22 14:25	11/16/22 09:00

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV19-0.5-1 — Lab Sample ID: 180-147956-4

Date Collected: 11/15/22 13:20 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.03 g	10.0 mL	634635	11/21/22 19:14	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	636997	12/02/22 17:05	S1M	EET SAC
	Instrument ID: A9									

Client Sample ID: SSHS-IRM5A2-SCV-DUP6 — Lab Sample ID: 180-147956-5

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 92.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.35 g	10.0 mL	634635	11/21/22 19:14	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	636997	12/02/22 17:16	S1M	EET SAC
	Instrument ID: A9									

Client Sample ID: SSHS-IRM5A2-SCV16-0.5-1 — Lab Sample ID: 180-147956-10

Date Collected: 11/15/22 13:45 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.3**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.10 g	10.0 mL	634635	11/21/22 19:14	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	636997	12/02/22 17:26	S1M	EET SAC
	Instrument ID: A9									

Client Sample ID: SSHS-IRM5A2-SCV13-0-0.5 — Lab Sample ID: 180-147956-14

Date Collected: 11/15/22 14:05 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 90.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.38 g	10.0 mL	634635	11/21/22 19:14	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	636997	12/02/22 17:36	S1M	EET SAC
	Instrument ID: A9									

Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5 — Lab Sample ID: 180-147956-19

Date Collected: 11/15/22 14:25 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 85.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.06 g	10.0 mL	634635	11/21/22 19:14	AM	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	636997	12/02/22 17:46	S1M	EET SAC
	Instrument ID: A9									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Analyst References:

Lab: EET SAC

Batch Type: Prep

AM = Andrew Martin

Batch Type: Analysis

S1M = Sudarat Mongkol

Client Sample ID: SSHS-IRM5A2-SCV19-0.5-1 **Lab Sample ID: 180-147956-4**
Date Collected: 11/15/22 13:20 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.6**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.051**	**J**	0.22	0.050	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluoropentanoic acid (PFPeA)	ND		0.22	0.045	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluorohexanoic acid (PFHxA)	ND		0.22	0.034	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluoroheptanoic acid (PFHpA)	ND		0.22	0.042	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluorooctanoic acid (PFOA)	**0.068**	**J**	0.22	0.058	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluorononanoic acid (PFNA)	**0.028**	**J**	0.22	0.024	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluorodecanoic acid (PFDA)	ND		0.22	0.053	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluoroundecanoic acid (PFUnA)	ND		0.22	0.046	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluorododecanoic acid (PFDoA)	ND		0.22	0.033	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluorotridecanoic acid (PFTriA)	ND		0.22	0.023	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.042	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.054	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluorooctanesulfonic acid (PFOS)	**0.12**	**J**	0.22	0.047	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.057	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.036	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.025	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.053	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
6:2 FTS	ND		0.22	0.030	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1
8:2 FTS	ND		0.22	0.038	ug/Kg	☼	11/21/22 19:14	12/02/22 17:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*30*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
13C5 PFPeA	*77*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
13C2 PFHxA	*83*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
13C4 PFHpA	*82*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
13C4 PFOA	*84*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
13C5 PFNA	*85*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
13C2 PFDA	*93*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
13C2 PFUnA	*89*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
13C2 PFDoA	*90*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
13C2 PFTeDA	*92*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
13C3 PFBS	*82*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
18O2 PFHxS	*79*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
13C4 PFOS	*79*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
13C8 FOSA	*92*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
d3-NMeFOSAA	*97*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
d5-NEtFOSAA	*101*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
M2-6:2 FTS	*84*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*
M2-8:2 FTS	*89*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:05*	*1*

Client Sample ID: SSHS-IRM5A2-SCV-DUP6 — Lab Sample ID: 180-147956-5

Date Collected: 11/15/22 00:00 — **Matrix: Solid**
Date Received: 11/16/22 09:00 — **Percent Solids: 92.7**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluorooctanoic acid (PFOA)	**0.068**	**J**	0.20	0.053	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluorononanoic acid (PFNA)	**0.035**	**J**	0.20	0.022	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluorooctanesulfonic acid (PFOS)	**0.14**	**J**	0.20	0.043	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
6:2 FTS	ND		0.20	0.027	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1
8:2 FTS	ND		0.20	0.035	ug/Kg	☼	11/21/22 19:14	12/02/22 17:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*61*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
13C5 PFPeA	*80*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
13C2 PFHxA	*81*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
13C4 PFHpA	*77*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
13C4 PFOA	*79*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
13C5 PFNA	*80*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
13C2 PFDA	*80*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
13C2 PFUnA	*91*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
13C2 PFDoA	*85*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
13C2 PFTeDA	*99*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
13C3 PFBS	*77*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
18O2 PFHxS	*73*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
13C4 PFOS	*72*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
13C8 FOSA	*90*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
d3-NMeFOSAA	*92*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
d5-NEtFOSAA	*99*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
M2-6:2 FTS	*82*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*
M2-8:2 FTS	*80*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:16*	*1*

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV16-0.5-1 **Lab Sample ID: 180-147956-10**
Date Collected: 11/15/22 13:45 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.3**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.22	0.050	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluoropentanoic acid (PFPeA)	ND		0.22	0.045	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluorohexanoic acid (PFHxA)	ND		0.22	0.034	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluoroheptanoic acid (PFHpA)	ND		0.22	0.041	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluorooctanoic acid (PFOA)	ND		0.22	0.058	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluorononanoic acid (PFNA)	ND		0.22	0.024	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluorodecanoic acid (PFDA)	ND		0.22	0.052	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluoroundecanoic acid (PFUnA)	ND		0.22	0.046	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluorododecanoic acid (PFDoA)	ND		0.22	0.033	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluorotridecanoic acid (PFTriA)	ND		0.22	0.023	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.040	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.041	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.031	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.053	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluorooctanesulfonic acid (PFOS)	**0.079**	**J**	0.22	0.047	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.056	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.036	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.025	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.052	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
6:2 FTS	ND		0.22	0.029	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1
8:2 FTS	ND		0.22	0.038	ug/Kg	☼	11/21/22 19:14	12/02/22 17:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*56*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
13C5 PFPeA	*77*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
13C2 PFHxA	*85*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
13C4 PFHpA	*79*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
13C4 PFOA	*82*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
13C5 PFNA	*78*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
13C2 PFDA	*86*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
13C2 PFUnA	*90*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
13C2 PFDoA	*85*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
13C2 PFTeDA	*94*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
13C3 PFBS	*77*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
18O2 PFHxS	*74*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
13C4 PFOS	*73*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
13C8 FOSA	*88*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
d3-NMeFOSAA	*95*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
d5-NEtFOSAA	*97*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
M2-6:2 FTS	*80*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*
M2-8:2 FTS	*90*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:26*	*1*

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV13-0-0.5 **Lab Sample ID: 180-147956-14**
Date Collected: 11/15/22 14:05 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 90.5**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.61**		0.21	0.047	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluoropentanoic acid (PFPeA)	**0.13**	**J**	0.21	0.042	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluorohexanoic acid (PFHxA)	**0.15**	**J**	0.21	0.032	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluoroheptanoic acid (PFHpA)	**0.17**	**J**	0.21	0.039	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluorooctanoic acid (PFOA)	**0.45**		0.21	0.054	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluorononanoic acid (PFNA)	**0.18**	**J**	0.21	0.023	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluorodecanoic acid (PFDA)	**0.067**	**J**	0.21	0.049	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluoroundecanoic acid (PFUnA)	**0.064**	**J**	0.21	0.043	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluorododecanoic acid (PFDoA)	**0.048**	**J**	0.21	0.031	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluorotridecanoic acid (PFTriA)	**0.025**	**J**	0.21	0.022	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.038	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.039	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.030	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.050	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluorooctanesulfonic acid (PFOS)	**0.50**		0.21	0.044	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.053	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.034	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.024	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.049	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
6:2 FTS	ND		0.21	0.028	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1
8:2 FTS	ND		0.21	0.036	ug/Kg	☼	11/21/22 19:14	12/02/22 17:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*35*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
13C5 PFPeA	*65*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
13C2 PFHxA	*72*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
13C4 PFHpA	*72*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
13C4 PFOA	*75*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
13C5 PFNA	*77*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
13C2 PFDA	*82*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
13C2 PFUnA	*85*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
13C2 PFDoA	*78*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
13C2 PFTeDA	*88*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
13C3 PFBS	*79*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
18O2 PFHxS	*72*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
13C4 PFOS	*75*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
13C8 FOSA	*87*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
d3-NMeFOSAA	*92*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
d5-NEtFOSAA	*106*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
M2-6:2 FTS	*92*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*
M2-8:2 FTS	*112*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:36*	*1*

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5 **Lab Sample ID: 180-147956-19**
Date Collected: 11/15/22 14:25 **Matrix: Solid**
Date Received: 11/16/22 09:00 **Percent Solids: 85.5**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.41**		0.23	0.053	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluoropentanoic acid (PFPeA)	**0.077**	**J**	0.23	0.047	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluorohexanoic acid (PFHxA)	**0.060**	**J**	0.23	0.036	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluoroheptanoic acid (PFHpA)	**0.11**	**J**	0.23	0.044	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluorooctanoic acid (PFOA)	**0.23**		0.23	0.061	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluorononanoic acid (PFNA)	**0.15**	**J**	0.23	0.025	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.23	0.055	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluoroundecanoic acid (PFUnA)	**0.12**	**J**	0.23	0.049	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluorododecanoic acid (PFDoA)	**0.056**	**J**	0.23	0.035	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluorotridecanoic acid (PFTriA)	**0.060**	**J**	0.23	0.024	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.23	0.043	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.23	0.044	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.23	0.034	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.23	0.057	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluorooctanesulfonic acid (PFOS)	**1.1**		0.23	0.050	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluorodecanesulfonic acid (PFDS)	**0.062**	**J**	0.23	0.060	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
Perfluorooctanesulfonamide (FOSA)	ND		0.23	0.038	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.23	0.027	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.23	0.055	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
6:2 FTS	ND		0.23	0.031	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1
8:2 FTS	ND		0.23	0.040	ug/Kg	☼	11/21/22 19:14	12/02/22 17:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*46*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
13C5 PFPeA	*64*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
13C2 PFHxA	*73*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
13C4 PFHpA	*70*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
13C4 PFOA	*73*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
13C5 PFNA	*71*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
13C2 PFDA	*82*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
13C2 PFUnA	*84*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
13C2 PFDoA	*76*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
13C2 PFTeDA	*82*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
13C3 PFBS	*74*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
18O2 PFHxS	*73*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
13C4 PFOS	*70*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
13C8 FOSA	*79*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
d3-NMeFOSAA	*95*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
d5-NEtFOSAA	*98*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
M2-6:2 FTS	*111*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*
M2-8:2 FTS	*135*		*25 - 150*	*11/21/22 19:14*	*12/02/22 17:46*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-634635/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 636997 **Prep Batch: 634635**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
6:2 FTS	ND		0.20	0.027	ug/Kg		11/21/22 19:14	12/02/22 16:45	1
8:2 FTS	ND		0.20	0.035	ug/Kg		11/21/22 19:14	12/02/22 16:45	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*56*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
13C5 PFPeA	*81*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
13C2 PFHxA	*88*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
13C4 PFHpA	*85*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
13C4 PFOA	*91*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
13C5 PFNA	*86*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
13C2 PFDA	*92*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
13C2 PFUnA	*89*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
13C2 PFDoA	*89*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
13C2 PFTeDA	*95*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
13C3 PFBS	*90*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
18O2 PFHxS	*89*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
13C4 PFOS	*88*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
13C8 FOSA	*95*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
d3-NMeFOSAA	*105*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
d5-NEtFOSAA	*103*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
M2-6:2 FTS	*98*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*
M2-8:2 FTS	*132*		*25 - 150*	*11/21/22 19:14*	*12/02/22 16:45*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-634635/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 636997 **Prep Batch: 634635**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	2.22		ug/Kg		111	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	2.07		ug/Kg		104	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	2.02		ug/Kg		101	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.15		ug/Kg		107	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.18		ug/Kg		109	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.24		ug/Kg		112	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	1.93		ug/Kg		96	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.10		ug/Kg		105	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.23		ug/Kg		111	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	2.25		ug/Kg		112	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.01		ug/Kg		101	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.89		ug/Kg		106	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.73		ug/Kg		95	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	2.06		ug/Kg		108	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	1.90		ug/Kg		102	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	2.09		ug/Kg		108	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.06		ug/Kg		103	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.34		ug/Kg		117	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.15		ug/Kg		107	72 - 132
6:2 FTS	1.90	2.07		ug/Kg		109	73 - 139
8:2 FTS	1.92	1.86		ug/Kg		97	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*40*		*25 - 150*
13C5 PFPeA	*79*		*25 - 150*
13C2 PFHxA	*89*		*25 - 150*
13C4 PFHpA	*87*		*25 - 150*
13C4 PFOA	*87*		*25 - 150*
13C5 PFNA	*83*		*25 - 150*
13C2 PFDA	*94*		*25 - 150*
13C2 PFUnA	*96*		*25 - 150*
13C2 PFDoA	*90*		*25 - 150*
13C2 PFTeDA	*99*		*25 - 150*
13C3 PFBS	*91*		*25 - 150*
18O2 PFHxS	*89*		*25 - 150*
13C4 PFOS	*87*		*25 - 150*
13C8 FOSA	*95*		*25 - 150*
d3-NMeFOSAA	*103*		*25 - 150*
d5-NEtFOSAA	*104*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-634635/2-A
Matrix: Solid
Analysis Batch: 636997

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634635

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	*100*		*25 - 150*
M2-8:2 FTS	*118*		*25 - 150*

Lab Sample ID: 180-147956-19 MS
Matrix: Solid
Analysis Batch: 636997

Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5
Prep Type: Total/NA
Prep Batch: 634635

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.41		2.24	2.85		ug/Kg	☼	109	76 - 136
Perfluoropentanoic acid (PFPeA)	0.077	J	2.24	2.37		ug/Kg	☼	103	69 - 129
Perfluorohexanoic acid (PFHxA)	0.060	J	2.24	2.33		ug/Kg	☼	102	71 - 131
Perfluoroheptanoic acid (PFHpA)	0.11	J	2.24	2.50		ug/Kg	☼	107	71 - 131
Perfluorooctanoic acid (PFOA)	0.23		2.24	2.60		ug/Kg	☼	106	72 - 132
Perfluorononanoic acid (PFNA)	0.15	J	2.24	2.58		ug/Kg	☼	108	73 - 133
Perfluorodecanoic acid (PFDA)	0.11	J	2.24	2.72		ug/Kg	☼	117	72 - 132
Perfluoroundecanoic acid (PFUnA)	0.12	J	2.24	2.47		ug/Kg	☼	105	66 - 126
Perfluorododecanoic acid (PFDoA)	0.056	J	2.24	2.54		ug/Kg	☼	111	71 - 131
Perfluorotridecanoic acid (PFTriA)	0.060	J	2.24	2.68		ug/Kg	☼	117	71 - 131
Perfluorotetradecanoic acid (PFTeA)	ND		2.24	2.13		ug/Kg	☼	95	67 - 127
Perfluorobutanesulfonic acid (PFBS)	ND		1.99	2.00		ug/Kg	☼	101	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	ND		2.04	2.16		ug/Kg	☼	106	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.13	2.22		ug/Kg	☼	104	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.1		2.08	3.62		ug/Kg	☼	121	68 - 141
Perfluorodecanesulfonic acid (PFDS)	0.062	J	2.16	2.53		ug/Kg	☼	114	71 - 131
Perfluorooctanesulfonamide (FOSA)	ND		2.24	2.31		ug/Kg	☼	103	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.24	2.54		ug/Kg	☼	113	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.24	2.46		ug/Kg	☼	110	72 - 132
6:2 FTS	ND		2.13	2.11		ug/Kg	☼	99	73 - 139
8:2 FTS	ND		2.15	2.13		ug/Kg	☼	99	75 - 135

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	*46*		*25 - 150*
13C5 PFPeA	*65*		*25 - 150*
13C2 PFHxA	*72*		*25 - 150*
13C4 PFHpA	*70*		*25 - 150*
13C4 PFOA	*71*		*25 - 150*
13C5 PFNA	*69*		*25 - 150*
13C2 PFDA	*77*		*25 - 150*
13C2 PFUnA	*77*		*25 - 150*
13C2 PFDoA	*75*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-147956-19 MS **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 636997 **Prep Batch: 634635**

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2 PFTeDA	81		25 - 150
13C3 PFBS	73		25 - 150
18O2 PFHxS	72		25 - 150
13C4 PFOS	70		25 - 150
13C8 FOSA	78		25 - 150
d3-NMeFOSAA	100		25 - 150
d5-NEtFOSAA	107		25 - 150
M2-6:2 FTS	112		25 - 150
M2-8:2 FTS	131		25 - 150

Lab Sample ID: 180-147956-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 636997 **Prep Batch: 634635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.41		2.25	2.84		ug/Kg	☼	108	76 - 136	0	30
Perfluoropentanoic acid (PFPeA)	0.077	J	2.25	2.34		ug/Kg	☼	101	69 - 129	1	30
Perfluorohexanoic acid (PFHxA)	0.060	J	2.25	2.38		ug/Kg	☼	103	71 - 131	2	30
Perfluoroheptanoic acid (PFHpA)	0.11	J	2.25	2.54		ug/Kg	☼	108	71 - 131	2	30
Perfluorooctanoic acid (PFOA)	0.23		2.25	2.64		ug/Kg	☼	108	72 - 132	2	30
Perfluorononanoic acid (PFNA)	0.15	J	2.25	2.72		ug/Kg	☼	114	73 - 133	5	30
Perfluorodecanoic acid (PFDA)	0.11	J	2.25	2.80		ug/Kg	☼	120	72 - 132	3	30
Perfluoroundecanoic acid (PFUnA)	0.12	J	2.25	2.53		ug/Kg	☼	107	66 - 126	2	30
Perfluorododecanoic acid (PFDoA)	0.056	J	2.25	2.49		ug/Kg	☼	109	71 - 131	2	30
Perfluorotridecanoic acid (PFTriA)	0.060	J	2.25	2.70		ug/Kg	☼	117	71 - 131	1	30
Perfluorotetradecanoic acid (PFTeA)	ND		2.25	2.29		ug/Kg	☼	102	67 - 127	7	30
Perfluorobutanesulfonic acid (PFBS)	ND		1.99	2.06		ug/Kg	☼	103	69 - 129	3	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.05	2.16		ug/Kg	☼	105	62 - 122	0	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.14	2.39		ug/Kg	☼	112	76 - 136	7	30
Perfluorooctanesulfonic acid (PFOS)	1.1		2.09	3.59		ug/Kg	☼	118	68 - 141	1	30
Perfluorodecanesulfonic acid (PFDS)	0.062	J	2.16	2.54		ug/Kg	☼	114	71 - 131	0	30
Perfluorooctanesulfonamide (FOSA)	ND		2.25	2.39		ug/Kg	☼	107	77 - 137	4	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.25	2.57		ug/Kg	☼	114	72 - 132	1	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.25	2.41		ug/Kg	☼	107	72 - 132	2	30
6:2 FTS	ND		2.14	2.30		ug/Kg	☼	107	73 - 139	8	30
8:2 FTS	ND		2.16	2.18		ug/Kg	☼	101	75 - 135	2	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFBA	30		25 - 150
13C5 PFPeA	70		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-147956-19 MSD **Client Sample ID: SSHS-IRM5A2-SCV11-0-0.5**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 636997 **Prep Batch: 634635**

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C2 PFHxA	73		25 - 150
13C4 PFHpA	72		25 - 150
13C4 PFOA	73		25 - 150
13C5 PFNA	72		25 - 150
13C2 PFDA	80		25 - 150
13C2 PFUnA	83		25 - 150
13C2 PFDoA	79		25 - 150
13C2 PFTeDA	83		25 - 150
13C3 PFBS	76		25 - 150
18O2 PFHxS	74		25 - 150
13C4 PFOS	73		25 - 150
13C8 FOSA	83		25 - 150
d3-NMeFOSAA	99		25 - 150
d5-NEtFOSAA	106		25 - 150
M2-6:2 FTS	105		25 - 150
M2-8:2 FTS	141		25 - 150

QC Association Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147956-2
Project/Site: Former Sperry Remington-Soil Cover Verification

LCMS

Prep Batch: 634635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	SHAKE	
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	SHAKE	
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	SHAKE	
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	SHAKE	
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	SHAKE	
MB 320-634635/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-634635/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	SHAKE	
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	SHAKE	

Analysis Batch: 636997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147956-4	SSHS-IRM5A2-SCV19-0.5-1	Total/NA	Solid	537 (modified)	634635
180-147956-5	SSHS-IRM5A2-SCV-DUP6	Total/NA	Solid	537 (modified)	634635
180-147956-10	SSHS-IRM5A2-SCV16-0.5-1	Total/NA	Solid	537 (modified)	634635
180-147956-14	SSHS-IRM5A2-SCV13-0-0.5	Total/NA	Solid	537 (modified)	634635
180-147956-19	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	537 (modified)	634635
MB 320-634635/1-A	Method Blank	Total/NA	Solid	537 (modified)	634635
LCS 320-634635/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	634635
180-147956-19 MS	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	537 (modified)	634635
180-147956-19 MSD	SSHS-IRM5A2-SCV11-0-0.5	Total/NA	Solid	537 (modified)	634635

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV21-0.5-1	11/15/22	1305	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV20-0-0.5	11/15/22	1310	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV20-0.5-1	11/15/22	1315	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV19-0.5-1	11/15/22	1320	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV-DUP6	11/15/22	--	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV18-0-0.5	11/15/22	1325	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV18-0.5-1	11/15/22	1330	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV17-0.5-1	11/15/22	1335	G	S	N	Y	X	X	X	X										18	
SSHS-IRM5A2-SCV16-0-0.5	11/15/22	1340	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV16-0.5-1	11/15/22	1345	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV15-0.5-1	11/15/22	1350	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV14-0-0.5	11/15/22	1355	G	S	N	N	X	X	X	X										7	

180-147956 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company
	11/15/22/1700	Geosyntec		11/16/22 0800	Pitt
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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12/7/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s).	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV14-0.5-1	11/15/22	1400	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV13-0-0.5	11/15/22	1405	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV13-0.5-1	11/15/22	1410	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP7	11/15/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV12-0-0.5	11/15/22	1415	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV12-0.5-1	11/15/22	1420	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV11-0-0.5	11/15/22	1425	G	S	N	Y	X	X	X	X	X	X	22	
BLANK TERRACORE 1 LOT 0110901H	11/15/22	--	G	S	N	N			X				4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 11/15/22 1700	Company: Geosyntec	Received by:	Date/Time: 11/16/22 0900	Company: FedEx
Relinquished by:	Date/Time: 11/15/22	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time.	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV21-0.5-1	11/15/22	1305	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV20-0-0.5	11/15/22	1310	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV20-0.5-1	11/15/22	1315	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV19-0.5-1	11/15/22	1320	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV-DUP6	11/15/22	--	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV18-0-0.5	11/15/22	1325	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV18-0.5-1	11/15/22	1330	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV17-0.5-1	11/15/22	1335	G	S	N	Y	X	X	X	X									18	
SSHS-IRM5A2-SCV16-0-0.5	11/15/22	1340	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV16-0.5-1	11/15/22	1345	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV15-0.5-1	11/15/22	1350	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV14-0-0.5	11/15/22	1355	G	S	N	N	X	X	X	X									7	

180-147956 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Miranda Stelmach	11/15/22 1700	Geosyntec	Adam Gannon	11-16-22 945	EEVC
2						
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV14-0.5-1	11/15/22	1400	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV13-0-0.5	11/15/22	1405	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV13-0.5-1	11/15/22	1410	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP7	11/15/22	--	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV12-0-0.5	11/15/22	1415	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV12-0.5-1	11/15/22	1420	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV11-0-0.5	11/15/22	1425	G	S	N	Y	X	X	X	X	X	X							22	
BLANK TERRACORE 1 LOT 0110901H	11/15/22	--	G	S	N	N			X										4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	11/15/22/1700	Geosyntec	[signature]	11-16-22 945	EE NC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

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12/7/2022

Ver: 01/16/2019

Eurofins - Canton Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client Geosyntec Site Name _____ Cooler unpacked by: Adam Gourley

Cooler Received on 11-16-22 Opened on 11-16-22

FedEx: 1st Grd (Exp) UPS FAS Clipper Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. 2.9 °C Corrected Cooler Temp. 3.6 °C
   IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 (Yes) No
   -Were the seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes (No)
   -Were tamper/custody seals intact and uncompromised? (Yes) No NA
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Was/were the person(s) who collected the samples clearly identified on the COC? (Yes) No
7. Did all bottles arrive in good condition (Unbroken)? (Yes) No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? (Yes) No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? (Yes) No
11. Sufficient quantity received to perform indicated analyses? (Yes) No
12. Are these work share samples and all listed on the COC? Yes (No)
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# **HC286797**
14. Were VOAs on the COC? Yes (No)
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this. Yes No (NA)
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes (No)
17. Was a LL Hg or Me Hg trip blank present? _____ Yes (No)

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____
_____
_____
_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

180-147956 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV21-0.5-1	11/15/22	1305	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV20-0-0.5	11/15/22	1310	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV20-0.5-1	11/15/22	1315	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV19-0.5-1	11/15/22	1320	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV-DUP6	11/15/22	--	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV18-0-0.5	11/15/22	1325	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV18-0.5-1	11/15/22	1330	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV17-0.5-1	11/15/22	1335	G	S	N	Y	X	X	X	X			18	
SSHS-IRM5A2-SCV16-0-0.5	11/15/22	1340	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV16-0.5-1	11/15/22	1345	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV15-0.5-1	11/15/22	1350	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV14-0-0.5	11/15/22	1355	G	S	N	N	X	X	X	X			7	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Mrau	Date/Time: 11/15/22/1700	Company: Geosyntec	Received by:
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Received by:	Date/Time: 11/16/22 825	Company: TAT SAC	
Received by:	Date/Time:	Company	
Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4.2

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12/7/2022

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS									Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N										
SSHS-IRM5A2-SCV14-0.5-1	11/15/22	1400	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV13-0-0.5	11/15/22	1405	G	S	N	N	X	X	X	X	X	X									9	
SSHS-IRM5A2-SCV13-0.5-1	11/15/22	1410	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV-DUP7	11/15/22	--	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV12-0-0.5	11/15/22	1415	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV12-0.5-1	11/15/22	1420	G	S	N	N	X	X	X	X											7	
SSHS-IRM5A2-SCV11-0-0.5	11/15/22	1425	G	S	N	Y	X	X	X	X	X	X									22	
BLANK TERRACORE 1 LOT 0110901H	11/15/22	--	G	S	N	N			X												4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Miranda Ahrens	11/15/22 1700	Company: Geosyntec			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4.2

Ver: 01/16/2019

180-147956

eurofins

Environment Testing
TestAmerica

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
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K - EDTA	W - pH 4-5
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Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV21-0.5-1	11/15/22	1305	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV20-0-0.5	11/15/22	1310	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV20-0.5-1	11/15/22	1315	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV19-0.5-1	11/15/22	1320	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV-DUP6	11/15/22	–	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV18-0-0.5	11/15/22	1325	G	S	N	N	X	X	X	X										7	
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SSHS-IRM5A2-SCV16-0-0.5	11/15/22	1340	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV16-0.5-1	11/15/22	1345	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV15-0.5-1	11/15/22	1350	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV14-0-0.5	11/15/22	1355	G	S	N	N	X	X	X	X										7	

180-147956 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
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Special Instructions/QC Requirements:

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	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	11/15/22/1700	Company: Geosyntec			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

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12/7/2022

Ver: 01/16/2019

180-147956

eurofins Environment Testing TestAmerica

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

Client Information	Sampler: Z Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

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H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
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K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV14-0.5-1	11/15/22	1400	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV13-0-0.5	11/15/22	1405	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV13-0.5-1	11/15/22	1410	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP7	11/15/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV12-0-0.5	11/15/22	1415	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV12-0.5-1	11/15/22	1420	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV11-0-0.5	11/15/22	1425	G	S	N	Y	X	X	X	X	X	X	22	
BLANK TERRACORE 1 LOT 0110901H	11/15/22	--	G	S	N	N			X				4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		11/17/22 1700	Geosyntec			
2	Relinquished by:	Date/Time: 11/15/22	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 180-147956

Number of Coolers: 4 **IR Gun #** 9

Cooler Temperatures

	RAW	CORRECTED
Cooler #1:	3.6 °C	3.6 °C
Cooler #2:	1.4 °C	1.4 °C
Cooler #3:	0.4 °C	0.4 °C
Cooler #4:	0.9 °C	0.9 °C
Cooler #5:	°C	°C
Cooler #6:	°C	°C
Cooler #7:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: JL **Date:** 11/9/16 JL

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Sacramento
Sample Receiving Notes



Job: _____

Tracking # : 1Z9 7387 8744

SO / ~~PO~~ / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: L03 Corr. Factor: (+ / -) _____ °C

Ice ~~_____~~ Wet _____ Gel _____ Other _____

Cooler Custody Seal: ~~_____~~

Cooler ID: ~~_____~~

Temp Observed: 4.2 °C Corrected: 4.2 °C

From: Temp Blank ☐ Sample ☑

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 11/16/22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SD Date: 11-16-22

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☐	☐	☑

Initials: SD Date: 11-16-22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147956-2

Login Number: 147956
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147956-2

Login Number: 147956
List Number: 3
Creator: Oropeza, Salvador

List Source: Eurofins Sacramento
List Creation: 11/16/22 07:21 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.2C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

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JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-148504-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
David Dunlap, Senior Project Manager
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(412)963-2432

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Job ID: 180-148504-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-148504-2

Receipt
The samples were received on 11/30/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 2.3º C, 2.6º C, 3.1º C, 3.6º C and 4.1º C.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-31-23
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-30-23
Hawaii	State	<cert No.>	01-29-23
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	01-31-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-23
Ohio	State	41252	01-29-23
Oregon	NELAP	4040	01-29-23
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	01-23-23
Utah	NELAP	CA000442021-12	02-28-23
Virginia	NELAP	460278	03-14-23
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-13-22
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants, Inc.
Project/Site: Former Sperry Remington-Soil Cover Verification

Job ID: 180-148504-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Solid	11/29/22 13:00	11/30/22 10:40

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-148504-2
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV25A-0-0.5 **Lab Sample ID: 180-148504-1**
Date Collected: 11/29/22 13:00 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 83.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.08 g	10.0 mL	637659	12/05/22 21:29	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	638111	12/07/22 12:04	K1S	EET SAC
	Instrument ID: A9									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Prep

FX = Fong Xiong

Batch Type: Analysis

K1S = Kotechakon Sorndee

Client Sample ID: SSHS-IRM5A2-SCV25A-0-0.5 **Lab Sample ID: 180-148504-1**
Date Collected: 11/29/22 13:00 **Matrix: Solid**
Date Received: 11/30/22 10:40 **Percent Solids: 83.5**

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.24	0.054	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluoropentanoic acid (PFPeA)	ND		0.24	0.048	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluorohexanoic acid (PFHxA)	ND		0.24	0.037	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluoroheptanoic acid (PFHpA)	ND		0.24	0.045	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluorooctanoic acid (PFOA)	**0.098**	**J**	0.24	0.062	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluorononanoic acid (PFNA)	**0.049**	**J**	0.24	0.026	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluorodecanoic acid (PFDA)	ND		0.24	0.057	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluoroundecanoic acid (PFUnA)	ND		0.24	0.050	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluorododecanoic acid (PFDoA)	ND		0.24	0.035	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluorotridecanoic acid (PFTriA)	ND		0.24	0.025	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.24	0.044	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.24	0.045	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.24	0.034	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.24	0.058	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluorooctanesulfonic acid (PFOS)	**0.34**		0.24	0.051	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.24	0.061	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
Perfluorooctanesulfonamide (FOSA)	ND		0.24	0.039	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.24	0.027	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.24	0.057	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
6:2 FTS	ND		0.24	0.032	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1
8:2 FTS	ND		0.24	0.041	ug/Kg	☼	12/05/22 21:29	12/07/22 12:04	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*29*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
13C5 PFPeA	*72*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
13C2 PFHxA	*75*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
13C4 PFHpA	*82*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
13C4 PFOA	*80*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
13C5 PFNA	*89*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
13C2 PFDA	*83*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
13C2 PFUnA	*87*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
13C2 PFDoA	*80*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
13C2 PFTeDA	*86*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
13C3 PFBS	*77*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
18O2 PFHxS	*76*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
13C4 PFOS	*73*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
13C8 FOSA	*80*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
d3-NMeFOSAA	*79*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
d5-NEtFOSAA	*90*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
M2-6:2 FTS	*89*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*
M2-8:2 FTS	*97*		*25 - 150*	*12/05/22 21:29*	*12/07/22 12:04*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-637659/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 638111 **Prep Batch: 637659**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
6:2 FTS	ND		0.20	0.027	ug/Kg		12/05/22 20:45	12/07/22 10:44	1
8:2 FTS	ND		0.20	0.035	ug/Kg		12/05/22 20:45	12/07/22 10:44	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*44*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
13C5 PFPeA	*79*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
13C2 PFHxA	*78*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
13C4 PFHpA	*81*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
13C4 PFOA	*78*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
13C5 PFNA	*85*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
13C2 PFDA	*80*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
13C2 PFUnA	*84*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
13C2 PFDoA	*79*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
13C2 PFTeDA	*83*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
13C3 PFBS	*80*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
18O2 PFHxS	*80*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
13C4 PFOS	*77*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
13C8 FOSA	*85*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
d3-NMeFOSAA	*75*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
d5-NEtFOSAA	*81*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
M2-6:2 FTS	*85*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*
M2-8:2 FTS	*91*		*25 - 150*	*12/05/22 20:45*	*12/07/22 10:44*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-637659/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 638111 **Prep Batch: 637659**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	2.17		ug/Kg		109	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	2.03		ug/Kg		101	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	2.07		ug/Kg		104	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.04		ug/Kg		102	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.09		ug/Kg		104	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.02		ug/Kg		101	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	1.89		ug/Kg		95	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.10		ug/Kg		105	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.32		ug/Kg		116	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	2.50		ug/Kg		125	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.25		ug/Kg		113	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.91		ug/Kg		108	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.85		ug/Kg		102	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	2.17		ug/Kg		114	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	1.88		ug/Kg		101	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	2.12		ug/Kg		110	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	1.91		ug/Kg		96	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	1.87		ug/Kg		93	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	1.95		ug/Kg		98	72 - 132
6:2 FTS	1.90	1.89		ug/Kg		100	73 - 139
8:2 FTS	1.92	1.93		ug/Kg		100	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*44*		*25 - 150*
13C5 PFPeA	*77*		*25 - 150*
13C2 PFHxA	*82*		*25 - 150*
13C4 PFHpA	*81*		*25 - 150*
13C4 PFOA	*82*		*25 - 150*
13C5 PFNA	*86*		*25 - 150*
13C2 PFDA	*81*		*25 - 150*
13C2 PFUnA	*86*		*25 - 150*
13C2 PFDoA	*75*		*25 - 150*
13C2 PFTeDA	*84*		*25 - 150*
13C3 PFBS	*80*		*25 - 150*
18O2 PFHxS	*78*		*25 - 150*
13C4 PFOS	*79*		*25 - 150*
13C8 FOSA	*87*		*25 - 150*
d3-NMeFOSAA	*82*		*25 - 150*
d5-NEtFOSAA	*85*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-637659/2-A
Matrix: Solid
Analysis Batch: 638111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 637659

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	87		25 - 150
M2-8:2 FTS	85		25 - 150

QC Association Summary

Client: Geosyntec Consultants, Inc.
Job ID: 180-148504-2
Project/Site: Former Sperry Remington-Soil Cover Verification

LCMS

Prep Batch: 637659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	SHAKE	
MB 320-637659/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-637659/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 638111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-148504-1	SSHS-IRM5A2-SCV25A-0-0.5	Total/NA	Solid	537 (modified)	637659
MB 320-637659/1-A	Method Blank	Total/NA	Solid	537 (modified)	637659
LCS 320-637659/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	637659

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins

Client Information	Sampler: Z. Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s)	COC No.: 180-45857-9656 1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:	Analysis Requested
City: Columbia	TAT Requested (days): Standard	
State, Zip: MD, 21044	PO #: MN0832I	
Phone: 40-381-4333	WO #:	
Email: akrasnopoler@geosyntec.com	Project #: 18013464	
Project Name: Former Sperry Remington Site	SSOW#:	
Site:		

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV25A-0-0.5	11/29/22	1300	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV25A-0 5-1	11/29/22	1305	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV26A-0-0.5	11/29/22	1310	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV26A-0 5-1	11/29/22	1315	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP12	11/29/22	--	G	S	N	N	X	X	X	X										7	

180-148504 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Zach Miller	Date/Time: 11/29/22 17:30	Company: Geosyntec	Received by:	Date/Time: 11/30/22 1040	Company: EMAX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z. Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N								
SSHS-IRM5A2-SCV25A-0-0.5	11/29/22	1300	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV25A-0.5-1	11/29/22	1305	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV26A-0-0.5	11/29/22	1310	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV26A-0.5-1	11/29/22	1315	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP12	11/29/22	--	G	S	N	N	X	X	X	X									7	

180-148504 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Zach Miller	11/29/22 17:30	Geosyntec			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11/30/22 9:50	Company: FEDEX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins - Canton Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client GEOSYNTEC Site Name _____ Cooler unpacked by: M. A. A.

Cooler Received on 11/30/22 Opened on 11/30/22

FedEx: 1st Grd (Exp) UPS FAS Clipper Client Drop Off Eurofins Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. 1.9 °C Corrected Cooler Temp. 2.6 °C
   IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	(Yes)	No
-Were the seals on the outside of the cooler(s) signed & dated?	(Yes)	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	(Yes)	No NA
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes)	No
7. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	(Y)	(Y) (N)
10. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
11. Sufficient quantity received to perform indicated analyses?	(Yes)	No
12. Are these work share samples and all listed on the COC?	Yes	(No)
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes No	(NA) pH Strip Lot# **HC286797**
14. Were VOAs on the COC?	Yes	(No)
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes No	(NA)
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes	(No)
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	(No)

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
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Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z. Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:	Analysis Requested
City: Columbia	TAT Requested (days): Standard	
State, Zip: MD, 21044		
Phone: 40-381-4333	PO #: MN0832I	
Email: akrasnopoler@geosyntec.com	WO #:	
Project Name: Former Sperry Remington Site	Project #: 18013464	
Site:	SSOW#:	

180-148504 Chain of Custody

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV25A-0-0.5	11/29/22	1300	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV25A-0.5-1	11/29/22	1305	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV26A-0-0.5	11/29/22	1310	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV26A-0.5-1	11/29/22	1315	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP12	11/29/22	–	G	S	N	N	X	X	X	X										7	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Zach Miller	Date/Time: 11/29/22 17:30	Company: Geosyntec	Received by:	Date/Time: 11/30/22 1035	Company: EET SAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.6°C

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Confirmation

eurofins Environment Testing TestAmerica

Client Information	Sampler: Z. Miller	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #: 176504

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:
City: Columbia	TAT Requested (days): Standard
State, Zip: MD, 21044	
Phone: 40-381-4333	PO #: MN0832I
Email: akrasnopoler@geosyntec.com	WO #:
Project Name: Former Sperry Remington Site	Project #: 18013464
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

SHORT HOLD

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N								
SSHS-IRM5A2-SCV25A-0-0.5	11/29/22	1300	G	S	N	N	X	X	X	X	X	X							9	1
SSHS-IRM5A2-SCV25A-0.5-1	11/29/22	1305	G	S	N	N	X	X	X	X									7	2
SSHS-IRM5A2-SCV26A-0-0.5	11/29/22	1310	G	S	N	N	X	X	X	X									7	3
SSHS-IRM5A2-SCV26A-0.5-1	11/29/22	1315	G	S	N	N	X	X	X	X									7	4
SSHS-IRM5A2-SCV-DUP12	11/29/22	--	G	S	N	N	X	X	X	X									7	5

180-148504 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assess

☐ Return To Client ☐ Disposal By Lab

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx

Relinquished by: Zach Miller	Date/Time: 11/29/22 17:30	Company: Geosyntec	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Blavish	Date/Time: 11/30/22	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: IR9 2.3 a/ 2.3C IR9 3.1 a/ 3.1°a

Ver: 01/16/2019

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 148504

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.3 °C	2.3 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	3.1 °C	3.1 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: _____ **Date:** 11/30/22

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Sacramento
Sample Receiving Notes

180-148504 Field Sheet

Job: ___

Tracking # : 7705 8597 9316

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other ___

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: C03 Corr. Factor: (+ / -) ___ °C

Ice ___ Wet ___ Gel ___ Other ___

Cooler Custody Seal: ___

Cooler ID: ___

Temp Observed: 3.6 °C Corrected: 3.6 °C

From: Temp Blank ☐ Sample ☑

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 11/30/22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SO Date: 11.30.22

Notes: ___

Trizma Lot #(s): ___

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed? SO 11.30.22	☒	☐	☑
Log Release checked in TALS?	☐	☐	☑

Initials: SO Date: 11.30.22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-148504-2

Login Number: 148504
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-148504-2

Login Number: 148504
List Number: 3
Creator: Oropeza, Salvador

List Source: Eurofins Sacramento
List Creation: 11/30/22 04:58 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.6C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants, Inc.
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

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JOB DESCRIPTION

Former Sperry Remington-Soil Cover Verification

JOB NUMBER

180-147752-3

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Case Narrative

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-3
Project/Site: Former Sperry Remington-Soil Cover Verification

Job ID: 180-147752-3

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-147752-3

Comments
Notation was made to the coc regarding the sample collection date.

Due to the detection of PFOA in the total PFAS analysis, sample SSHS-IRM5A2-SCV67-0.17-1 (180-147752-1) was activated on 11/17/22 for SPLP PFAS analysis.

Receipt
The samples were received on 11/11/2022 at the Eurofins Pittsburgh, PA, Canton (Barberton), OH, Edison, NJ, and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.9º C, 2.8º C, 3.0º C, 3.4º C, 5.3º C, 5.4º C, 5.4º C and 5.7º C.

LCMS
Method 3535: The PFAS extraction of the SPLP leachate for sample SSHS-IRM5A2-SCV67-0.17-1 (180-147752-1) was completed 4 days past the 14 day holding time due to a scheduling oversight.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-3
Project/Site: Former Sperry Remington-Soil Cover Verification

Qualifiers

LCMS

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-3
Project/Site: Former Sperry Remington-Soil Cover Verification

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-31-23
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-30-23
Hawaii	State	<cert No.>	01-29-23
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	01-31-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-23
Ohio	State	41252	01-29-23
Oregon	NELAP	4040	01-29-23
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	01-23-23
Utah	NELAP	CA000442021-12	02-28-23
Virginia	NELAP	460278	03-14-23
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-13-22
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants, Inc.
Project/Site: Former Sperry Remington-Soil Cover Verification

Job ID: 180-147752-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	Solid	11/10/22 15:05	11/11/22 09:00

Method Summary

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-3
Project/Site: Former Sperry Remington-Soil Cover Verification

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
1312	SPLP Extraction	SW846	EET SAC
3535	Solid-Phase Extraction (SPE)	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-3
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV67-0.17-1 **Lab Sample ID: 180-147752-1**
Date Collected: 11/10/22 15:05 **Matrix: Solid**
Date Received: 11/11/22 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.02 g	2000 mL	633751	11/17/22 15:10	GSH	EET SAC
SPLP East	Prep	3535			278.1 mL	10.0 mL	637485	12/05/22 12:01	MRP	EET SAC
SPLP East	Analysis	537 (modified)		1	1 mL	1 mL	638099	12/07/22 05:11	K1S	EET SAC
	Instrument ID: A9									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Leach

GSH = Greg Harry

Batch Type: Prep

MRP = Michael Perez

Batch Type: Analysis

K1S = Kotechakon Sorndee

Client: Geosyntec Consultants, Inc. Job ID: 180-147752-3
Project/Site: Former Sperry Remington-Soil Cover Verification

Client Sample ID: SSHS-IRM5A2-SCV67-0.17-1 **Lab Sample ID: 180-147752-1**
Date Collected: 11/10/22 15:05 **Matrix: Solid**
Date Received: 11/11/22 09:00

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**16**	**H**	4.5	2.2	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluoropentanoic acid (PFPeA)	**5.2**	**H**	1.8	0.44	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluorohexanoic acid (PFHxA)	**8.0**	**H**	1.8	0.52	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluoroheptanoic acid (PFHpA)	**11**	**H**	1.8	0.22	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluorooctanoic acid (PFOA)	**45**	**H**	1.8	0.76	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluorononanoic acid (PFNA)	**2.4**	**H**	1.8	0.24	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluorodecanoic acid (PFDA)	ND	H	1.8	0.28	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluoroundecanoic acid (PFUnA)	ND	H	1.8	0.99	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluorododecanoic acid (PFDoA)	ND	H	1.8	0.49	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluorotridecanoic acid (PFTriA)	ND	H	1.8	1.2	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluorotetradecanoic acid (PFTeA)	ND	H	1.8	0.66	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluorobutanesulfonic acid (PFBS)	**1.7**	**J H**	1.8	0.18	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluorohexanesulfonic acid (PFHxS)	**2.5**	**H**	1.8	0.51	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluoroheptanesulfonic acid (PFHpS)	**0.22**	**J H**	1.8	0.17	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluorooctanesulfonic acid (PFOS)	**15**	**H**	1.8	0.49	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluorodecanesulfonic acid (PFDS)	ND	H	1.8	0.29	ng/L		12/05/22 12:01	12/07/22 05:11	1
Perfluorooctanesulfonamide (FOSA)	ND	H	1.8	0.88	ng/L		12/05/22 12:01	12/07/22 05:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND	H	4.5	1.1	ng/L		12/05/22 12:01	12/07/22 05:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	H	4.5	1.2	ng/L		12/05/22 12:01	12/07/22 05:11	1
6:2 FTS	ND	H	4.5	2.2	ng/L		12/05/22 12:01	12/07/22 05:11	1
8:2 FTS	ND	H	1.8	0.41	ng/L		12/05/22 12:01	12/07/22 05:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*42*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
13C5 PFPeA	*44*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
13C2 PFHxA	*46*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
13C4 PFHpA	*44*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
13C4 PFOA	*43*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
13C5 PFNA	*46*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
13C2 PFDA	*42*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
13C2 PFUnA	*43*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
13C2 PFDoA	*40*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
13C2 PFTeDA	*34*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
13C3 PFBS	*42*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
18O2 PFHxS	*43*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
13C4 PFOS	*43*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
13C8 FOSA	*43*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
d3-NMeFOSAA	*51*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
d5-NEtFOSAA	*52*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
M2-6:2 FTS	*48*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*
M2-8:2 FTS	*48*		*25 - 150*	*12/05/22 12:01*	*12/07/22 05:11*	*1*

Client: Geosyntec Consultants, Inc.
Job ID: 180-147752-3
Project/Site: Former Sperry Remington-Soil Cover Verification

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-637485/1-A
Matrix: Solid
Analysis Batch: 638099

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 637485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		5.0	2.4	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.49	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.58	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.25	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.85	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.31	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	1.3	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.73	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.20	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.57	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.19	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.54	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		12/05/22 12:01	12/07/22 04:30	1
Perfluorooctanesulfonamide (FOSA)	ND		2.0	0.98	ng/L		12/05/22 12:01	12/07/22 04:30	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		5.0	1.2	ng/L		12/05/22 12:01	12/07/22 04:30	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		5.0	1.3	ng/L		12/05/22 12:01	12/07/22 04:30	1
6:2 FTS	ND		5.0	2.5	ng/L		12/05/22 12:01	12/07/22 04:30	1
8:2 FTS	ND		2.0	0.46	ng/L		12/05/22 12:01	12/07/22 04:30	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*87*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
13C5 PFPeA	*98*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
13C2 PFHxA	*103*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
13C4 PFHpA	*93*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
13C4 PFOA	*95*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
13C5 PFNA	*100*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
13C2 PFDA	*97*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
13C2 PFUnA	*99*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
13C2 PFDoA	*91*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
13C2 PFTeDA	*106*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
13C3 PFBS	*100*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
18O2 PFHxS	*98*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
13C4 PFOS	*91*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
13C8 FOSA	*102*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
d3-NMeFOSAA	*121*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
d5-NEtFOSAA	*113*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
M2-6:2 FTS	*98*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*
M2-8:2 FTS	*102*		*25 - 150*	*12/05/22 12:01*	*12/07/22 04:30*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-637485/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 638526 **Prep Batch: 637485**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	40.0	42.3		ng/L		106	76 - 136
Perfluoropentanoic acid (PFPeA)	40.0	40.0		ng/L		100	71 - 131
Perfluorohexanoic acid (PFHxA)	40.0	41.3		ng/L		103	73 - 133
Perfluoroheptanoic acid (PFHpA)	40.0	40.3		ng/L		101	72 - 132
Perfluorooctanoic acid (PFOA)	40.0	44.5		ng/L		111	70 - 130
Perfluorononanoic acid (PFNA)	40.0	41.1		ng/L		103	75 - 135
Perfluorodecanoic acid (PFDA)	40.0	40.8		ng/L		102	76 - 136
Perfluoroundecanoic acid (PFUnA)	40.0	43.0		ng/L		107	68 - 128
Perfluorododecanoic acid (PFDoA)	40.0	50.7		ng/L		127	71 - 131
Perfluorotridecanoic acid (PFTriA)	40.0	49.7		ng/L		124	71 - 131
Perfluorotetradecanoic acid (PFTeA)	40.0	44.0		ng/L		110	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.5	39.4		ng/L		111	67 - 127
Perfluorohexanesulfonic acid (PFHxS)	36.5	35.8		ng/L		98	59 - 119
Perfluoroheptanesulfonic acid (PFHpS)	38.2	41.9		ng/L		110	76 - 136
Perfluorooctanesulfonic acid (PFOS)	37.2	38.5		ng/L		104	70 - 130
Perfluorodecanesulfonic acid (PFDS)	38.6	40.5		ng/L		105	71 - 131
Perfluorooctanesulfonamide (FOSA)	40.0	38.4		ng/L		96	73 - 133
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	41.5		ng/L		104	76 - 136
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	41.2		ng/L		103	76 - 136
6:2 FTS	38.1	37.7		ng/L		99	59 - 175
8:2 FTS	38.4	37.1		ng/L		97	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*90*		*25 - 150*
13C5 PFPeA	*94*		*25 - 150*
13C2 PFHxA	*93*		*25 - 150*
13C4 PFHpA	*98*		*25 - 150*
13C4 PFOA	*91*		*25 - 150*
13C5 PFNA	*99*		*25 - 150*
13C2 PFDA	*92*		*25 - 150*
13C2 PFUnA	*96*		*25 - 150*
13C2 PFDoA	*84*		*25 - 150*
13C2 PFTeDA	*101*		*25 - 150*
13C3 PFBS	*91*		*25 - 150*
18O2 PFHxS	*94*		*25 - 150*
13C4 PFOS	*90*		*25 - 150*
13C8 FOSA	*95*		*25 - 150*
d3-NMeFOSAA	*81*		*25 - 150*
d5-NEtFOSAA	*80*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-637485/2-A
Matrix: Solid
Analysis Batch: 638526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 637485

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	79		25 - 150
M2-8:2 FTS	79		25 - 150

Lab Sample ID: LCSD 320-637485/3-A
Matrix: Solid
Analysis Batch: 638526

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 637485

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			40.0	41.6		ng/L		104	76 - 136	2	30
Perfluoropentanoic acid (PFPeA)			40.0	40.6		ng/L		101	71 - 131	1	30
Perfluorohexanoic acid (PFHxA)			40.0	42.0		ng/L		105	73 - 133	2	30
Perfluoroheptanoic acid (PFHpA)			40.0	41.6		ng/L		104	72 - 132	3	30
Perfluorooctanoic acid (PFOA)			40.0	42.4		ng/L		106	70 - 130	5	30
Perfluorononanoic acid (PFNA)			40.0	40.6		ng/L		102	75 - 135	1	30
Perfluorodecanoic acid (PFDA)			40.0	36.7		ng/L		92	76 - 136	11	30
Perfluoroundecanoic acid (PFUnA)			40.0	42.6		ng/L		106	68 - 128	1	30
Perfluorododecanoic acid (PFDoA)			40.0	45.7		ng/L		114	71 - 131	10	30
Perfluorotridecanoic acid (PFTriA)			40.0	48.0		ng/L		120	71 - 131	4	30
Perfluorotetradecanoic acid (PFTeA)			40.0	40.8		ng/L		102	70 - 130	8	30
Perfluorobutanesulfonic acid (PFBS)			35.5	38.4		ng/L		108	67 - 127	3	30
Perfluorohexanesulfonic acid (PFHxS)			36.5	35.8		ng/L		98	59 - 119	0	30
Perfluoroheptanesulfonic acid (PFHpS)			38.2	43.5		ng/L		114	76 - 136	4	30
Perfluorooctanesulfonic acid (PFOS)			37.2	38.7		ng/L		104	70 - 130	1	30
Perfluorodecanesulfonic acid (PFDS)			38.6	40.3		ng/L		104	71 - 131	1	30
Perfluorooctanesulfonamide (FOSA)			40.0	40.7		ng/L		102	73 - 133	6	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			40.0	41.1		ng/L		103	76 - 136	1	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			40.0	41.0		ng/L		103	76 - 136	0	30
6:2 FTS			38.1	39.5		ng/L		104	59 - 175	5	30
8:2 FTS			38.4	36.7		ng/L		96	75 - 135	1	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C4 PFBA	84		25 - 150
13C5 PFPeA	88		25 - 150
13C2 PFHxA	86		25 - 150
13C4 PFHpA	92		25 - 150
13C4 PFOA	93		25 - 150
13C5 PFNA	95		25 - 150
13C2 PFDA	92		25 - 150
13C2 PFUnA	91		25 - 150
13C2 PFDoA	83		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 320-637485/3-A
Matrix: Solid
Analysis Batch: 638526

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 637485

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C2 PFTeDA	100		25 - 150
13C3 PFBS	86		25 - 150
18O2 PFHxS	86		25 - 150
13C4 PFOS	84		25 - 150
13C8 FOSA	88		25 - 150
d3-NMeFOSAA	73		25 - 150
d5-NEtFOSAA	76		25 - 150
M2-6:2 FTS	76		25 - 150
M2-8:2 FTS	79		25 - 150

Lab Sample ID: LB 320-633751/1-B
Matrix: Solid
Analysis Batch: 638099

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 637485

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.5	2.2	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluoropentanoic acid (PFPeA)	ND		1.8	0.44	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluorohexanoic acid (PFHxA)	ND		1.8	0.53	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8	0.23	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluorooctanoic acid (PFOA)	ND		1.8	0.77	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluorononanoic acid (PFNA)	ND		1.8	0.25	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluorodecanoic acid (PFDA)	ND		1.8	0.28	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	1.0	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.50	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8	1.2	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8	0.66	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8	0.18	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8	0.52	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.8	0.17	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8	0.49	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.29	ng/L		12/05/22 12:01	12/07/22 05:00	1
Perfluorooctanesulfonamide (FOSA)	ND		1.8	0.89	ng/L		12/05/22 12:01	12/07/22 05:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		4.5	1.1	ng/L		12/05/22 12:01	12/07/22 05:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		4.5	1.2	ng/L		12/05/22 12:01	12/07/22 05:00	1
6:2 FTS	ND		4.5	2.3	ng/L		12/05/22 12:01	12/07/22 05:00	1
8:2 FTS	ND		1.8	0.42	ng/L		12/05/22 12:01	12/07/22 05:00	1

Isotope Dilution	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	89		25 - 150	12/05/22 12:01	12/07/22 05:00	1
13C5 PFPeA	94		25 - 150	12/05/22 12:01	12/07/22 05:00	1
13C2 PFHxA	97		25 - 150	12/05/22 12:01	12/07/22 05:00	1
13C4 PFHpA	93		25 - 150	12/05/22 12:01	12/07/22 05:00	1
13C4 PFOA	97		25 - 150	12/05/22 12:01	12/07/22 05:00	1
13C5 PFNA	102		25 - 150	12/05/22 12:01	12/07/22 05:00	1
13C2 PFDA	93		25 - 150	12/05/22 12:01	12/07/22 05:00	1
13C2 PFUnA	98		25 - 150	12/05/22 12:01	12/07/22 05:00	1
13C2 PFDoA	97		25 - 150	12/05/22 12:01	12/07/22 05:00	1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LB 320-633751/1-B **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: SPLP East**
Analysis Batch: 638099 **Prep Batch: 637485**

Isotope Dilution	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	107		25 - 150	12/05/22 12:01	12/07/22 05:00	1
13C3 PFBS	99		25 - 150	12/05/22 12:01	12/07/22 05:00	1
18O2 PFHxS	104		25 - 150	12/05/22 12:01	12/07/22 05:00	1
13C4 PFOS	99		25 - 150	12/05/22 12:01	12/07/22 05:00	1
13C8 FOSA	100		25 - 150	12/05/22 12:01	12/07/22 05:00	1
d3-NMeFOSAA	107		25 - 150	12/05/22 12:01	12/07/22 05:00	1
d5-NEtFOSAA	118		25 - 150	12/05/22 12:01	12/07/22 05:00	1
M2-6:2 FTS	102		25 - 150	12/05/22 12:01	12/07/22 05:00	1
M2-8:2 FTS	103		25 - 150	12/05/22 12:01	12/07/22 05:00	1

QC Association Summary

Client: Geosyntec Consultants, Inc.
Job ID: 180-147752-3
Project/Site: Former Sperry Remington-Soil Cover Verification

LCMS

Leach Batch: 633751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	SPLP East	Solid	1312	
LB 320-633751/1-B	Method Blank	SPLP East	Solid	1312	

Prep Batch: 637485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	SPLP East	Solid	3535	633751
LB 320-633751/1-B	Method Blank	SPLP East	Solid	3535	633751
MB 320-637485/1-A	Method Blank	Total/NA	Solid	3535	
LCS 320-637485/2-A	Lab Control Sample	Total/NA	Solid	3535	
LCSD 320-637485/3-A	Lab Control Sample Dup	Total/NA	Solid	3535	

Analysis Batch: 638099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-147752-1	SSHS-IRM5A2-SCV67-0.17-1	SPLP East	Solid	537 (modified)	637485
LB 320-633751/1-B	Method Blank	SPLP East	Solid	537 (modified)	637485
MB 320-637485/1-A	Method Blank	Total/NA	Solid	537 (modified)	637485

Analysis Batch: 638526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 320-637485/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	637485
LCSD 320-637485/3-A	Lab Control Sample Dup	Total/NA	Solid	537 (modified)	637485

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins

Client Information	Sampler	Lab PM	Carrier Tracking No(s).	COC No
	C Lamas	Dunlap, David A		180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:	
City: Columbia	TAT Requested (days): Standard	
State, Zip: MD, 21044	PO #: MN0832I	
Phone: 40-381-4333	WO #:	
Email: akrasnopoler@geosyntec.com	Project #: 18013464	
Project Name: Former Sperry Remington Site	SSOW#:	
Site:		

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV67-0.17-1	11/8/22	1505	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV67-1-2	11/8/22	1510	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-0-0.17	11/8/22	1515	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-0.17-1	11/8/22	1520	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-1-2	11/8/22	1525	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP2	11/8/22	--	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV69-0-0.17	11/8/22	1530	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV69-0.17-1	11/8/22	1535	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV69-1-2	11/8/22	1540	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-0-0.17	11/8/22	1545	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-0.17-1	11/8/22	1550	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-1-2	11/8/22	1555	G	S	N	N	X	X	X	X	X	X							9	

collection date for all samples is 11/10/22 as per Colin Lamas D. Dunlap 11/11/22

180-147752 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	11/10/22/1800	Geosyntec		11/11/22 0900	E P.tt
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV71-0-0.17	11/8/22	1600	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV71-0.17-1	11/8/22	1605	G	S	N	Y	X	X	X	X									7	
SSHS-IRM5A2-SCV71-1-2	11/8/22	1610	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP3	11/8/22	–	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV72-0-0.17	11/8/22	1615	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV72-0.17-1	11/8/22	1620	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV72-1-2	11/8/22	1625	G	S	N	Y	X	X	X	X									18	
	~~11/8/22~~																			
	~~11/8/22~~																			
	~~11/8/22~~																			
	~~11/8/22~~																			
	~~11/8/22~~																			

collection date for all samples is 11/10/22 as per Colin Lamas
D. Dunlap 11/11/22

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: —	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Miranda Kline	11/10/22 1800	Geosyntec		11/11/22 0900	E.P.H.
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seal No..

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

0.2/0.9

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV67-0.17-1	11/8/22	1505	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV67-1-2	11/8/22	1510	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-0-0.17	11/8/22	1515	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-0.17-1	11/8/22	1520	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV68-1-2	11/8/22	1525	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV-DUP2	11/8/22	--	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV69-0-0.17	11/8/22	1530	G	S	N	N	X	X	X	X	X	X							9	
SSHS-IRM5A2-SCV69-0.17-1	11/8/22	1535	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV69-1-2	11/8/22	1540	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-0-0.17	11/8/22	1545	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-0.17-1	11/8/22	1550	G	S	N	N	X	X	X	X									7	
SSHS-IRM5A2-SCV70-1-2	11/8/22	1555	G	S	N	N	X	X	X	X	X	X							9	

180-147752 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
1		11/10/22/1800	Geosyntec		11-11-22 10:25	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:
City: Columbia	TAT Requested (days): Standard
State, Zip: MD, 21044	PO #: MN08321
Phone: 40-381-4333	WO #:
Email: akrasnopoler@geosyntec.com	Project #: 18013464
Project Name: Former Sperry Remington Site	SSOW#:
Site:	

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV71-0-0.17	11/8/22	1600	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV71-0.17-1	11/8/22	1605	G	S	N	Y	X	X	X	X										7	
SSHS-IRM5A2-SCV71-1-2	11/8/22	1610	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV-DUP3	11/8/22	--	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV72-0-0.17	11/8/22	1615	G	S	N	N	X	X	X	X	X	X								9	
SSHS-IRM5A2-SCV72-0.17-1	11/8/22	1620	G	S	N	N	X	X	X	X										7	
SSHS-IRM5A2-SCV72-1-2	11/8/22	1625	G	S	N	Y	X	X	X	X										18	
	11/8/22																				
	11/8/22																				
	11/8/22																				
	11/8/22																				
	11/8/22																				

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		11/10/22/1800	Geosyntec			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Page 20 of 29

12/16/2022

Ver: 01/16/2019

Eurofins - Canton Sample Receipt Form/Narrative Login # :_____
Barberton Facility

Client Geosyntec Site Name_____ Cooler unpacked by: Charlie

Cooler Received on 11-11-22 Opened on 11-11-22

FedEx: 1st Grd (Exp) UPS FAS Clipper Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time Storage Location

Eurofins Cooler # 11 Foam Box Client Cooler (Box) Other _____

Packing material used: ~~Bubble Wrap~~ Foam ~~Plastic Bag~~ None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp. 0.2 °C Corrected Cooler Temp. 0.9 °C
   IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp._____ °C Corrected Cooler Temp._____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	(Yes)	No
-Were the seals on the outside of the cooler(s) signed & dated?	(Yes)	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	(Yes)	No NA
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes)	No
7. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
11. Sufficient quantity received to perform indicated analyses?	(Yes)	No
12. Are these work share samples and all listed on the COC?	Yes	(No)
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes No	(NA) pH Strip Lot# HC286797
14. Were VOAs on the COC?	Yes	(No)
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes	(No) NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	(No)
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	(No)

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

180-147752 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV67-0.17-1	11/8/22	1505	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV67-1-2	11/8/22	1510	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-0-0.17	11/8/22	1515	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-0.17-1	11/8/22	1520	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-1-2	11/8/22	1525	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP2	11/8/22	--	G	S	N	N	X	X	X	X			7	
(7) SSHS-IRM5A2-SCV69-0-0.17	11/8/22	1530	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV69-0.17-1	11/8/22	1535	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV69-1-2	11/8/22	1540	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV70-0-0.17	11/8/22	1545	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV70-0.17-1	11/8/22	1550	G	S	N	N	X	X	X	X			7	
(12) SSHS-IRM5A2-SCV70-1-2	11/8/22	1555	G	S	N	N	X	X	X	X	X	X	9	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Miranda Schmidt	11/10/22/1800	Company: Geosyntec	Austin Marker	11-11-22 9:30am	Company EETSAC
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: 190884 | Cooler Temperature(s) °C and Other Remarks: 2.8

(7) time 1505 Client sent. Lab time 1530 SU-mm

(12) Lab: SSHS-IRM5A2-FL-SCV70-1-2 SU-mm

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

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Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV71-0-0.17	11/8/22	1600	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV71-0.17-1	11/8/22	1605	G	S	N	Y	X	X	X	X			7	
SSHS-IRM5A2-SCV71-1-2	11/8/22	1610	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP3	11/8/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-0-0.17	11/8/22	1615	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV72-0.17-1	11/8/22	1620	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-1-2	11/8/22	1625	G	S	N	Y	X	X	X	X			18	
	~~11/8/22~~													
	11/8/22													
	~~11/8/22~~													
	11/8/22													
	~~11/8/22~~													

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Mauch	11/10/22/1800	Company: Geosyntec	Austin Marler	11-11-22 9:30am	EETSAC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seal No.: 1903884 (Yes)

Cooler Temperature(s) °C and Other Remarks: 2.8

(7) ID: SSHS-IRM5A2-SCV72-0-0.17

Page 23 of 29 (12)

12/16/2022

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044	PO #: MN0832I			
Phone: 40-381-4333	WO #:			
Email: akrasnopoler@geosyntec.com	Project #: 18013464			
Project Name: Former Sperry Remington Site	SSOW#:			
Site:				

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV67-0.17-1	11/8/22	1505	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV67-1-2	11/8/22	1510	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-0-0.17	11/8/22	1515	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-0.17-1	11/8/22	1520	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV68-1-2	11/8/22	1525	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP2	11/8/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV69-0-0.17	11/8/22	1530	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV69-0.17-1	11/8/22	1535	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV69-1-2	11/8/22	1540	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV70-0-0.17	11/8/22	1545	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV70-0.17-1	11/8/22	1550	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV70-1-2	11/8/22	1555	G	S	N	N	X	X	X	X	X	X	9	

180-147752 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Miranda Allen	11/10/22/1800	Geosyntec	FedEx	11/11/22 1030	TSTA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 1976476 1903881 1903876 1976478 1903877

Cooler Temperature(s) °C and Other Remarks: 5.4°C 5.4°C 3.0°C 3.0°C 5.7°C 5.7°C 3.4°C 3.4°C 5.4°C 5.4°C

Ver: 01/16/2019

Page 2 of 2

12/16/2022

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins | Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	Phone: 708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV71-0-0.17	11/8/22	1600	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV71-0.17-1	11/8/22	1605	G	S	N	Y	X	X	X	X			7	
SSHS-IRM5A2-SCV71-1-2	11/8/22	1610	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV-DUP3	11/8/22	--	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-0-0.17	11/8/22	1615	G	S	N	N	X	X	X	X	X	X	9	
SSHS-IRM5A2-SCV72-0.17-1	11/8/22	1620	G	S	N	N	X	X	X	X			7	
SSHS-IRM5A2-SCV72-1-2	11/8/22	1625	G	S	N	Y	X	X	X	X			18	
	11/8/22													
	11/8/22													
	11/8/22													
	11/8/22													
	11/8/22													

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	11/10/22 1800	Geosyntec	Fedex	11/11/22 1030	BTA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seal No.: Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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12/6/2022

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 180-147752

Number of Coolers: 5 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	5.4 °C	5.4 °C	Cooler #4:	3.4 °C	3.4 °C	Cooler #7:	°C	°C
Cooler #2:	3.0 °C	3.0 °C	Cooler #5:	5.4 °C	5.4 °C	Cooler #8:	°C	°C
Cooler #3:	5.7 °C	5.7 °C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: JP Date: 11/11/22

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Sacramento Sample Receiving Notes



Job:

Tracking # : 7703 9779 2809

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier
GSO / OnTrac / Goldstreak / USPS / Other

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: C-09 Corr. Factor: (+ / -) +1 °C

Ice ✓ Wet ✓ Gel ____ Other ____

Cooler Custody Seal: 1903464

Cooler ID: —

Temp Observed: 2.7 °C Corrected: 2.7 2.8 °C

From: Temp Blank ☐ Sample ☒ SO 11-11-22

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☒	☐
Cooler Temperature is acceptable?	☒	☐	☐
Frozen samples show signs of thaw?	☐	☐	☒

Initials: AJM Date: 11-11-22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☒	☐	☐
Samples compromised/tampered with?	☐	☒	☐
Containers are not broken or leaking?	☒	☐	☐
Sample custody seal?	☐	☐	☒
Sample containers have legible labels?	☒	☐	☐
Sample date/times are provided?	☒	☐	☐
Appropriate containers are used?	☒	☐	☐
Sample bottles are completely filled?	☒ SO 11-12-22	☐	☒
Sample preservatives verified?	☐	☐	☒
Is the Field Sampler's name on COC?	☒	☐	☐
Samples require splitting/compositing?	☐	☐	☒
Samples w/o discrepancies?	☐	☒	☐
Zero headspace?*	☐	☐	☒
Alkalinity has no headspace?	☐	☐	☒
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☒
Multiphasic samples are not present?	☒	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SO Date: 11-12-22

Notes:

Trizma Lot #(s):

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☒	☐	☐
Samples received within hold time?	☒	☐	☐
NCM Filed?	☒	☐	☐
Log Release checked in TALS?	☐	☐	☒

Initials: SO Date: 11-12-22

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147752-3

Login Number: 147752
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 180-147752-3

Login Number: 147752
List Number: 4
Creator: Oropeza, Salvador

List Source: Eurofins Sacramento
List Creation: 11/12/22 04:23 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1903884
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.8C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	Refer to Job Narrative for details.
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 4/20/2023 5:25:17 PM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154713-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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4/20/2023 5:25:17 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Table of Contents 3
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Definitions/Glossary 5
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Sample Summary 7
Method Summary 8
Lab Chronicle 9
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QC Sample Results 14
QC Association Summary 17
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Field Data Sheets 22
Receipt Checklists 23

Job ID: 180-154713-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154713-2

Receipt
The samples were received on 4/7/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.2º C, 2.6º C, 3.8º C, 3.9º C, 4.0º C and 5.3º C.

LCMS
Method 537 (modified): The "I" qualifier means the transition mass ratio for the indicated analyte was below the established ratio limits for the following samples: SSHS-IRM5A2-SCV33-0-0.17 (180-154713-6), SSHS-IRM5A2-SCV34-0.75-1.75 (180-154713-12) and SSHS-IRM5A2-SCV36-0-0.50 (180-154713-16). The qualitative identification of the analyte has some degree of uncertainty. However, analyst judgment was used to positively identify the analyte,

Method 537 (modified): The following samples have chromatographic interferences that could adversely impact the identification and quantitation of indicated target analytes: SSHS-IRM5A2-SCV34-0.75-1.75 (180-154713-12) and SSHS-IRM5A2-SCV36-0-0.50 (180-154713-16) These interferences could bias the results high biased.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154713-2
Project/Site: Former Sperry Remington-SCV

Qualifiers

LCMS

Qualifier	Qualifier Description
CI	The peak identified by the data system exhibited chromatographic interference that could not be resolved. There is reason to suspect there may be a high bias.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154713-2
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-22-24
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-29-24
Hawaii	State	<cert No.>	01-29-24
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	06-01-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-24
Ohio	State	41252	01-29-24
Oregon	NELAP	4040	01-29-24
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	02-28-26
Utah	NELAP	CA000442021-12	02-28-23 *
Virginia	NELAP	460278	03-14-24
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-31-23
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Solid	04/06/23 13:00	04/07/23 09:25
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Solid	04/06/23 13:25	04/07/23 09:25
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Solid	04/06/23 13:50	04/07/23 09:25
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Solid	04/06/23 14:10	04/07/23 09:25

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-2

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154713-2
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV31-0-0.58
Lab Sample ID: 180-154713-1

Date Collected: 04/06/23 13:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.05 g	10.0 mL	666500	04/09/23 19:59	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	666723	04/10/23 23:49	K1S	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV33-0-0.17
Lab Sample ID: 180-154713-6

Date Collected: 04/06/23 13:25
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.40 g	10.0 mL	666500	04/09/23 19:59	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	666723	04/10/23 23:59	K1S	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV34-0.75-1.75
Lab Sample ID: 180-154713-12

Date Collected: 04/06/23 13:50
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.45 g	10.0 mL	666500	04/09/23 19:59	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	666723	04/11/23 00:10	K1S	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV36-0-0.50
Lab Sample ID: 180-154713-16

Date Collected: 04/06/23 14:10
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.31 g	10.0 mL	666500	04/09/23 19:59	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	666723	04/11/23 00:20	K1S	EET SAC
	Instrument ID: A24									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Prep

PV = Pheng Vue

Batch Type: Analysis

K1S = Kotechakon Sorndee

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-2

Client Sample ID: SSHS-IRM5A2-SCV31-0-0.58
Date Collected: 04/06/23 13:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-1
Matrix: Solid
Percent Solids: 90.0

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.29**		0.22	0.051	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluoropentanoic acid (PFPeA)	**0.11**	**J**	0.22	0.045	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluorohexanoic acid (PFHxA)	**0.095**	**J**	0.22	0.034	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluoroheptanoic acid (PFHpA)	**0.085**	**J**	0.22	0.042	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluorooctanoic acid (PFOA)	**0.22**		0.22	0.058	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluorononanoic acid (PFNA)	**0.17**	**J**	0.22	0.024	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluorodecanoic acid (PFDA)	ND		0.22	0.053	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluoroundecanoic acid (PFUnA)	ND		0.22	0.046	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluorododecanoic acid (PFDoA)	ND		0.22	0.033	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluorotridecanoic acid (PFTriA)	ND		0.22	0.023	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.042	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.054	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluorooctanesulfonic acid (PFOS)	**0.58**		0.22	0.047	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.057	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.036	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.025	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.053	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
6:2 FTS	**0.68**		0.22	0.030	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1
8:2 FTS	ND		0.22	0.039	ug/Kg	☼	04/09/23 19:59	04/10/23 23:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*47*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
13C5 PFPeA	*85*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
13C2 PFHxA	*83*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
13C4 PFHpA	*81*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
13C4 PFOA	*78*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
13C5 PFNA	*98*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
13C2 PFDA	*96*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
13C2 PFUnA	*98*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
13C2 PFDoA	*103*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
13C2 PFTeDA	*101*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
13C3 PFBS	*68*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
18O2 PFHxS	*73*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
13C4 PFOS	*78*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
13C8 FOSA	*96*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
d3-NMeFOSAA	*92*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
d5-NEtFOSAA	*114*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
M2-6:2 FTS	*60*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*
M2-8:2 FTS	*108*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:49*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-2

Client Sample ID: SSHS-IRM5A2-SCV33-0-0.17
Date Collected: 04/06/23 13:25
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-6
Matrix: Solid
Percent Solids: 83.8

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.27**		0.22	0.051	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluoropentanoic acid (PFPeA)	**0.11**	**J**	0.22	0.045	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluorohexanoic acid (PFHxA)	**0.10**	**J**	0.22	0.034	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluoroheptanoic acid (PFHpA)	**0.13**	**J**	0.22	0.042	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluorooctanoic acid (PFOA)	**0.31**		0.22	0.059	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluorononanoic acid (PFNA)	**0.27**		0.22	0.024	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.22	0.053	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluoroundecanoic acid (PFUnA)	**0.12**	**J**	0.22	0.046	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluorododecanoic acid (PFDoA)	**0.043**	**J**	0.22	0.033	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluorotridecanoic acid (PFTriA)	**0.039**	**J**	0.22	0.023	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.042	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.054	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluorooctanesulfonic acid (PFOS)	**0.60**	**I**	0.22	0.048	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.057	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.036	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.025	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.053	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
6:2 FTS	**0.41**		0.22	0.030	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1
8:2 FTS	ND		0.22	0.039	ug/Kg	☼	04/09/23 19:59	04/10/23 23:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*56*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
13C5 PFPeA	*84*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
13C2 PFHxA	*77*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
13C4 PFHpA	*77*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
13C4 PFOA	*90*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
13C5 PFNA	*87*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
13C2 PFDA	*98*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
13C2 PFUnA	*94*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
13C2 PFDoA	*96*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
13C2 PFTeDA	*95*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
13C3 PFBS	*72*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
18O2 PFHxS	*80*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
13C4 PFOS	*87*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
13C8 FOSA	*93*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
d3-NMeFOSAA	*98*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
d5-NEtFOSAA	*94*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
M2-6:2 FTS	*65*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*
M2-8:2 FTS	*92*		*25 - 150*	*04/09/23 19:59*	*04/10/23 23:59*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-2

Client Sample ID: SSHS-IRM5A2-SCV34-0.75-1.75
Date Collected: 04/06/23 13:50
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-12
Matrix: Solid
Percent Solids: 88.2

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.39**	**CI**	0.21	0.048	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluoropentanoic acid (PFPeA)	**0.20**	**J**	0.21	0.043	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluorohexanoic acid (PFHxA)	ND		0.21	0.032	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluoroheptanoic acid (PFHpA)	**0.058**	**J**	0.21	0.040	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluorooctanoic acid (PFOA)	**0.25**		0.21	0.055	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluorononanoic acid (PFNA)	**0.094**	**J**	0.21	0.023	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluorodecanoic acid (PFDA)	ND		0.21	0.050	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluoroundecanoic acid (PFUnA)	**0.046**	**J**	0.21	0.044	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluorododecanoic acid (PFDoA)	ND		0.21	0.031	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluorotridecanoic acid (PFTriA)	ND		0.21	0.022	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.038	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.040	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.030	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.051	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluorooctanesulfonic acid (PFOS)	**0.41**	**I**	0.21	0.045	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.054	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.034	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.024	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.050	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
6:2 FTS	**0.32**		0.21	0.028	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1
8:2 FTS	ND		0.21	0.036	ug/Kg	☼	04/09/23 19:59	04/11/23 00:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*36*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
13C5 PFPeA	*83*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
13C2 PFHxA	*75*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
13C4 PFHpA	*82*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
13C4 PFOA	*79*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
13C5 PFNA	*92*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
13C2 PFDA	*99*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
13C2 PFUnA	*89*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
13C2 PFDoA	*101*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
13C2 PFTeDA	*88*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
13C3 PFBS	*69*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
18O2 PFHxS	*74*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
13C4 PFOS	*83*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
13C8 FOSA	*94*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
d3-NMeFOSAA	*91*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
d5-NEtFOSAA	*112*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
M2-6:2 FTS	*98*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*
M2-8:2 FTS	*143*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:10*	*1*

Client Sample ID: SSHS-IRM5A2-SCV36-0-0.50

Date Collected: 04/06/23 14:10
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-16

Matrix: Solid
Percent Solids: 83.3

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.47**	**CI**	0.23	0.052	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluoropentanoic acid (PFPeA)	**0.28**	**CI**	0.23	0.046	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluorohexanoic acid (PFHxA)	ND		0.23	0.035	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluoroheptanoic acid (PFHpA)	ND		0.23	0.043	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluorooctanoic acid (PFOA)	**0.20**	**J**	0.23	0.060	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluorononanoic acid (PFNA)	**0.094**	**J**	0.23	0.025	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluorodecanoic acid (PFDA)	ND		0.23	0.054	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluoroundecanoic acid (PFUnA)	**0.050**	**J**	0.23	0.047	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluorododecanoic acid (PFDoA)	ND		0.23	0.034	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluorotridecanoic acid (PFTriA)	ND		0.23	0.024	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.23	0.042	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.23	0.043	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.23	0.033	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.23	0.055	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluorooctanesulfonic acid (PFOS)	**0.51**	**I**	0.23	0.049	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.23	0.059	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
Perfluorooctanesulfonamide (FOSA)	ND		0.23	0.037	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.23	0.026	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.23	0.054	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
6:2 FTS	**0.23**		0.23	0.031	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1
8:2 FTS	ND		0.23	0.040	ug/Kg	☼	04/09/23 19:59	04/11/23 00:20	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*35*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
13C5 PFPeA	*75*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
13C2 PFHxA	*69*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
13C4 PFHpA	*79*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
13C4 PFOA	*78*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
13C5 PFNA	*92*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
13C2 PFDA	*90*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
13C2 PFUnA	*97*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
13C2 PFDoA	*102*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
13C2 PFTeDA	*85*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
13C3 PFBS	*66*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
18O2 PFHxS	*77*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
13C4 PFOS	*90*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
13C8 FOSA	*95*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
d3-NMeFOSAA	*97*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
d5-NEtFOSAA	*113*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
M2-6:2 FTS	*80*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*
M2-8:2 FTS	*138*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:20*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-666500/1-A
Matrix: Solid
Analysis Batch: 666723

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 666500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
6:2 FTS	ND		0.20	0.027	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
8:2 FTS	ND		0.20	0.035	ug/Kg		04/09/23 19:59	04/10/23 22:48	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*47*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C5 PFPeA	*78*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C2 PFHxA	*84*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C4 PFHpA	*79*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C4 PFOA	*80*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C5 PFNA	*83*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C2 PFDA	*75*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C2 PFUnA	*78*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C2 PFDoA	*91*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C2 PFTeDA	*86*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C3 PFBS	*74*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
18O2 PFHxS	*83*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C4 PFOS	*81*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C8 FOSA	*88*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
d3-NMeFOSAA	*79*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
d5-NEtFOSAA	*88*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
M2-6:2 FTS	*60*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
M2-8:2 FTS	*92*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-666500/2-A
Matrix: Solid
Analysis Batch: 666723

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	1.88		ug/Kg		94	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	2.18		ug/Kg		109	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	1.84		ug/Kg		92	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.20		ug/Kg		110	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	1.93		ug/Kg		96	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.18		ug/Kg		109	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	2.20		ug/Kg		110	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.21		ug/Kg		110	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.00		ug/Kg		100	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	1.95		ug/Kg		98	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	1.99		ug/Kg		100	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.78		ug/Kg		100	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.68		ug/Kg		92	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.94		ug/Kg		102	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	1.86		ug/Kg		100	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	1.89		ug/Kg		98	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.14		ug/Kg		107	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.15		ug/Kg		108	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.03		ug/Kg		102	72 - 132
6:2 FTS	1.90	1.69		ug/Kg		89	73 - 139
8:2 FTS	1.92	1.83		ug/Kg		95	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*59*		*25 - 150*
13C5 PFPeA	*84*		*25 - 150*
13C2 PFHxA	*85*		*25 - 150*
13C4 PFHpA	*82*		*25 - 150*
13C4 PFOA	*91*		*25 - 150*
13C5 PFNA	*93*		*25 - 150*
13C2 PFDA	*97*		*25 - 150*
13C2 PFUnA	*94*		*25 - 150*
13C2 PFDoA	*101*		*25 - 150*
13C2 PFTeDA	*94*		*25 - 150*
13C3 PFBS	*88*		*25 - 150*
18O2 PFHxS	*94*		*25 - 150*
13C4 PFOS	*88*		*25 - 150*
13C8 FOSA	*97*		*25 - 150*
d3-NMeFOSAA	*84*		*25 - 150*
d5-NEtFOSAA	*96*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-666500/2-A
Matrix: Solid
Analysis Batch: 666723

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666500

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	76		25 - 150
M2-8:2 FTS	82		25 - 150

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154713-2
Project/Site: Former Sperry Remington-SCV

LCMS

Prep Batch: 666500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	SHAKE	
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	SHAKE	
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	SHAKE	
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	SHAKE	
MB 320-666500/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-666500/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 666723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	537 (modified)	666500
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	537 (modified)	666500
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	537 (modified)	666500
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	537 (modified)	666500
MB 320-666500/1-A	Method Blank	Total/NA	Solid	537 (modified)	666500
LCS 320-666500/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	666500

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins | Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV31-0-0.58	4/6/23	1300	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV31-0.58-1.58	4/6/23	1305	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV32-0-0.17	4/6/23	1310	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV32-0.17-0.75	4/6/23	1315	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV32-0.75-1.75	4/6/23	1320	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV33-0-0.17	4/6/23	1325	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV33-0.17-0.75	4/6/23	1330	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV33-0.75-1.75	4/6/23	1335	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV34-0-0.17	4/6/23	1340	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV34-0.17-0.75	4/6/23	1345	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP13	4/6/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV34-0.75-1.75	4/6/23	1350	G	S	N	N	X	X	X	X	X	X	8	

180-154713 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Miranda Allen	4/6/23 1700	Company: Geosyntec		4/7/23 08:25	ETA PIT
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation (COC1

eurofins | Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV35-0-0.17	4/6/23	1355	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV35-0.17-0.75	4/6/23	1400	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV35-0.75-1.75	4/6/23	1405	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV36-0-0.50	4/6/23	1410	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV36-0.50-1.50	4/6/23	1415	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV37-0-0.17	4/6/23	1420	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV37-0.17-0.83	4/6/23	1425	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV37-0.83-1.83	4/6/23	1430	G	S	N	N	X	X	X	X									6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	4/6/23/1700	Geosyntec	[signature]	4/7/23	[illegible]
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

180-154713 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV31-0-0.58	4/6/23	1300	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV31-0.58-1.58	4/6/23	1305	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV32-0-0.17	4/6/23	1310	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV32-0.17-0.75	4/6/23	1315	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV32-0.75-1.75	4/6/23	1320	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV33-0-0.17	4/6/23	1325	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV33-0.17-0.75	4/6/23	1330	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV33-0.75-1.75	4/6/23	1335	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV34-0-0.17	4/6/23	1340	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV34-0.17-0.75	4/6/23	1345	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP13	4/6/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV34-0.75-1.75	4/6/23	1350	G	S	N	N	X	X	X	X	X	X	8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Maude Hahn	Date/Time: 4/6/23/1700	Company: Geosyntec	Received by: Date/Time: 4/7/23 1000 Company: BET Sac
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: (Yes) △ No | Custody Seal No.: 117657 | Cooler Temperature(s) °C and Other Remarks: 1.2

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4/20/2023

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation (COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV35-0-0.17	4/6/23	1355	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV35-0.17-0.75	4/6/23	1400	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV35-0.75-1.75	4/6/23	1405	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV36-0-0.50	4/6/23	1410	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV36-0.50-1.50	4/6/23	1415	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV37-0-0.17	4/6/23	1420	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV37-0.17-0.83	4/6/23	1425	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV37-0.83-1.83	4/6/23	1430	G	S	N	N	X	X	X	X									6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Maurice Johnson	Date/Time: 4/6/23/1700	Company: Geosyntec	Received by:	Date/Time: 4/7/23 0800	Company: EET SGL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.: 1117657	Cooler Temperature(s) °C and Other Remarks: 1.2

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4/20/2023

Ver: 01/16/2019

14 13 12 11 10 9 8 7 6 5 4 3 2 1

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Sacramento Sample Receiving Notes

180-154713 Field Sheet

Job: _____

Tracking # : 7117 4388 6139

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: C10 Corr. Factor: (+ / -) _____ °C

Ice — Wet _____ Gel _____ Other _____

Cooler Custody Seal: 1117657

Cooler ID: _____

Temp Observed: 1.2 °C Corrected: 1.2 °C

From: Temp Blank ☐ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 4/7/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☐	☐	☑
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: [illegible] Date: 4.7.23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☐	☐	☑

Initials: [illegible] Date: 4.7.23

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154713-2

Login Number: 154713
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 4/20/2023 5:52:05 PM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154714-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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4/20/2023 5:52:05 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-154714-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154714-2

Receipt
The samples were received on 4/7/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.2º C, 2.6º C, 3.8º C, 3.9º C, 4.0º C and 5.3º C.

LCMS
Method 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following samples is below the method recommended limit: SSHS-IRM5A2-SCV39-0-0.67 (180-154714-5) and SSHS-IRM5A2-SCV42-0.50-1.50 (180-154714-14). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample(s).

Method 537 (modified): The "I" qualifier means the transition mass ratio for the indicated analyte was below the established ratio limits for the following samples: SSHS-IRM5A2-SCV38-0-0.17 (180-154714-1), SSHS-IRM5A2-SCV39-0-0.67 (180-154714-5), SSHS-IRM5A2-SCV42-0.50-1.50 (180-154714-14), and SSHS-IRM5A2-SCV-DUP15 (180-154714-15). The qualitative identification of the analyte has some degree of uncertainty. However, analyst judgment was used to positively identify the analyte,

Method 537 (modified): The following sample has chromatographic interferences that could adversely impact the identification and quantitation of target analytes: SSHS-IRM5A2-SCV42-0.50-1.50 (180-154714-14). These interferences could high biased results.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154714-2
Project/Site: Former Sperry Remington-SCV

Qualifiers

LCMS

Qualifier	Qualifier Description
*5-	Isotope dilution analyte is outside acceptance limits, low biased.
CI	The peak identified by the data system exhibited chromatographic interference that could not be resolved. There is reason to suspect there may be a high bias.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154714-2
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-22-24
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-29-24
Hawaii	State	<cert No.>	01-29-24
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	06-01-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-24
Ohio	State	41252	01-29-24
Oregon	NELAP	4040	01-29-24
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	02-28-26
Utah	NELAP	CA000442021-12	02-28-23 *
Virginia	NELAP	460278	03-14-24
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-31-23
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Solid	04/06/23 14:35	04/07/23 09:25
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Solid	04/06/23 14:50	04/07/23 09:25
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Solid	04/06/23 15:15	04/07/23 09:25
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Solid	04/06/23 15:35	04/07/23 09:25
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Solid	04/06/23 00:00	04/07/23 09:25
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Solid	04/06/23 15:55	04/07/23 09:25

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-2

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-2

Client Sample ID: SSHS-IRM5A2-SCV38-0-0.17

Lab Sample ID: 180-154714-1
Date Collected: 04/06/23 14:35
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.28 g	10.0 mL	666500	04/09/23 19:59	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	666723	04/11/23 00:40	K1S	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV39-0-0.67

Lab Sample ID: 180-154714-5
Date Collected: 04/06/23 14:50
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.26 g	10.0 mL	666500	04/09/23 19:59	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	666723	04/11/23 00:51	K1S	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV41-0-0.17

Lab Sample ID: 180-154714-10
Date Collected: 04/06/23 15:15
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.48 g	10.0 mL	666500	04/09/23 19:59	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	666723	04/11/23 01:01	K1S	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV42-0.50-1.50

Lab Sample ID: 180-154714-14
Date Collected: 04/06/23 15:35
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.39 g	10.0 mL	666500	04/09/23 19:59	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	666723	04/11/23 01:11	K1S	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV-DUP15

Lab Sample ID: 180-154714-15
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.16 g	10.0 mL	666500	04/09/23 19:59	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	666723	04/11/23 01:21	K1S	EET SAC
	Instrument ID: A24									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154714-2
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17
Lab Sample ID: 180-154714-19
Date Collected: 04/06/23 15:55
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.10 g	10.0 mL	666500	04/09/23 19:59	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	666723	04/11/23 01:32	K1S	EET SAC
	Instrument ID: A24									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Prep

PV = Pheng Vue

Batch Type: Analysis

K1S = Kotechakon Sorndee

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-2

Client Sample ID: SSHS-IRM5A2-SCV38-0-0.17
Date Collected: 04/06/23 14:35
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-1
Matrix: Solid
Percent Solids: 84.6

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.22	0.051	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluoropentanoic acid (PFPeA)	ND		0.22	0.046	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluorohexanoic acid (PFHxA)	ND		0.22	0.035	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluoroheptanoic acid (PFHpA)	ND		0.22	0.043	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluorooctanoic acid (PFOA)	**0.080**	**J**	0.22	0.059	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluorononanoic acid (PFNA)	**0.10**	**J**	0.22	0.025	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluorodecanoic acid (PFDA)	**0.16**	**J**	0.22	0.054	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluoroundecanoic acid (PFUnA)	**0.21**	**J**	0.22	0.047	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluorododecanoic acid (PFDoA)	**0.10**	**J**	0.22	0.034	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluorotridecanoic acid (PFTriA)	**0.051**	**J**	0.22	0.024	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.043	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.055	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluorooctanesulfonic acid (PFOS)	**0.71**	**I**	0.22	0.048	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.058	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.037	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.026	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.054	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
6:2 FTS	**0.10**	**J**	0.22	0.030	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1
8:2 FTS	ND		0.22	0.039	ug/Kg	☼	04/09/23 19:59	04/11/23 00:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*41*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
13C5 PFPeA	*77*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
13C2 PFHxA	*76*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
13C4 PFHpA	*77*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
13C4 PFOA	*75*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
13C5 PFNA	*91*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
13C2 PFDA	*92*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
13C2 PFUnA	*87*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
13C2 PFDoA	*92*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
13C2 PFTeDA	*82*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
13C3 PFBS	*67*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
18O2 PFHxS	*71*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
13C4 PFOS	*83*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
13C8 FOSA	*89*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
d3-NMeFOSAA	*89*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
d5-NEtFOSAA	*95*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
M2-6:2 FTS	*64*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*
M2-8:2 FTS	*100*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:40*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-2

Client Sample ID: SSHS-IRM5A2-SCV39-0-0.67
Date Collected: 04/06/23 14:50
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-5
Matrix: Solid
Percent Solids: 85.1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.26**		0.22	0.051	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluoropentanoic acid (PFPeA)	**0.081**	**J**	0.22	0.046	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluorohexanoic acid (PFHxA)	ND		0.22	0.035	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluoroheptanoic acid (PFHpA)	ND		0.22	0.042	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluorooctanoic acid (PFOA)	ND		0.22	0.059	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluorononanoic acid (PFNA)	**0.044**	**J**	0.22	0.025	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluorodecanoic acid (PFDA)	ND		0.22	0.054	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluoroundecanoic acid (PFUnA)	ND		0.22	0.047	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluorododecanoic acid (PFDoA)	ND		0.22	0.034	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluorotridecanoic acid (PFTriA)	ND		0.22	0.023	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.042	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.055	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluorooctanesulfonic acid (PFOS)	**0.29**	**I**	0.22	0.048	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.058	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.037	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.026	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.054	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
6:2 FTS	**0.053**	**J**	0.22	0.030	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1
8:2 FTS	ND		0.22	0.039	ug/Kg	☼	04/09/23 19:59	04/11/23 00:51	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*18*	**5-*	*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
13C5 PFPeA	*84*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
13C2 PFHxA	*90*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
13C4 PFHpA	*87*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
13C4 PFOA	*81*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
13C5 PFNA	*101*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
13C2 PFDA	*103*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
13C2 PFUnA	*99*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
13C2 PFDoA	*119*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
13C2 PFTeDA	*102*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
13C3 PFBS	*83*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
18O2 PFHxS	*90*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
13C4 PFOS	*103*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
13C8 FOSA	*103*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
d3-NMeFOSAA	*94*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
d5-NEtFOSAA	*109*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
M2-6:2 FTS	*83*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*
M2-8:2 FTS	*123*		*25 - 150*	*04/09/23 19:59*	*04/11/23 00:51*	*1*

Client: Geosyntec Consultants Inc
Job ID: 180-154714-2
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV41-0-0.17
Lab Sample ID: 180-154714-10
Date Collected: 04/06/23 15:15
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 81.5

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.30**		0.22	0.052	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluoropentanoic acid (PFPeA)	**0.079**	**J**	0.22	0.046	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluorohexanoic acid (PFHxA)	**0.069**	**J**	0.22	0.035	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluoroheptanoic acid (PFHpA)	**0.079**	**J**	0.22	0.043	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluorooctanoic acid (PFOA)	**0.23**		0.22	0.059	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluorononanoic acid (PFNA)	**0.16**	**J**	0.22	0.025	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluorodecanoic acid (PFDA)	**0.14**	**J**	0.22	0.054	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluoroundecanoic acid (PFUnA)	**0.18**	**J**	0.22	0.047	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluorododecanoic acid (PFDoA)	**0.079**	**J**	0.22	0.034	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluorotridecanoic acid (PFTriA)	**0.056**	**J**	0.22	0.024	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.043	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.055	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluorooctanesulfonic acid (PFOS)	**0.94**		0.22	0.048	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.058	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.037	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.026	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.054	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
6:2 FTS	**0.12**	**J**	0.22	0.030	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1
8:2 FTS	ND		0.22	0.039	ug/Kg	☼	04/09/23 19:59	04/11/23 01:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*63*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
13C5 PFPeA	*71*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
13C2 PFHxA	*73*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
13C4 PFHpA	*79*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
13C4 PFOA	*82*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
13C5 PFNA	*86*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
13C2 PFDA	*88*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
13C2 PFUnA	*90*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
13C2 PFDoA	*96*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
13C2 PFTeDA	*92*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
13C3 PFBS	*73*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
18O2 PFHxS	*79*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
13C4 PFOS	*82*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
13C8 FOSA	*89*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
d3-NMeFOSAA	*81*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
d5-NEtFOSAA	*101*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
M2-6:2 FTS	*67*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*
M2-8:2 FTS	*95*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:01*	*1*

Client Sample ID: SSHS-IRM5A2-SCV42-0.50-1.50
Date Collected: 04/06/23 15:35
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-14
Matrix: Solid
Percent Solids: 89.0

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**3.5**	**CI**	0.21	0.048	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluoropentanoic acid (PFPeA)	ND		0.21	0.043	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluorohexanoic acid (PFHxA)	ND		0.21	0.032	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluoroheptanoic acid (PFHpA)	ND		0.21	0.040	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluorooctanoic acid (PFOA)	**0.17**	**J**	0.21	0.055	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluorononanoic acid (PFNA)	**0.038**	**J**	0.21	0.023	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluorodecanoic acid (PFDA)	ND		0.21	0.050	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluoroundecanoic acid (PFUnA)	ND		0.21	0.044	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluorododecanoic acid (PFDoA)	ND		0.21	0.031	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluorotridecanoic acid (PFTriA)	ND		0.21	0.022	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.039	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.040	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.030	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.051	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluorooctanesulfonic acid (PFOS)	**0.24**	**I**	0.21	0.045	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.054	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.034	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.024	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.050	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
6:2 FTS	ND		0.21	0.028	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1
8:2 FTS	ND		0.21	0.036	ug/Kg	☼	04/09/23 19:59	04/11/23 01:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*23*	**5-*	*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
13C5 PFPeA	*70*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
13C2 PFHxA	*76*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
13C4 PFHpA	*78*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
13C4 PFOA	*80*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
13C5 PFNA	*89*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
13C2 PFDA	*83*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
13C2 PFUnA	*90*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
13C2 PFDoA	*98*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
13C2 PFTeDA	*84*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
13C3 PFBS	*70*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
18O2 PFHxS	*70*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
13C4 PFOS	*77*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
13C8 FOSA	*90*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
d3-NMeFOSAA	*91*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
d5-NEtFOSAA	*107*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
M2-6:2 FTS	*79*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*
M2-8:2 FTS	*104*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:11*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-2

Client Sample ID: SSHS-IRM5A2-SCV-DUP15
Date Collected: 04/06/23 00:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-15
Matrix: Solid
Percent Solids: 91.0

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.30**		0.21	0.049	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluoropentanoic acid (PFPeA)	ND		0.21	0.044	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluorohexanoic acid (PFHxA)	ND		0.21	0.033	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluoroheptanoic acid (PFHpA)	ND		0.21	0.040	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluorooctanoic acid (PFOA)	**0.082**	**J**	0.21	0.056	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluorononanoic acid (PFNA)	**0.023**	**J**	0.21	0.023	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluorodecanoic acid (PFDA)	ND		0.21	0.051	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluoroundecanoic acid (PFUnA)	ND		0.21	0.045	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluorododecanoic acid (PFDoA)	ND		0.21	0.032	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluorotridecanoic acid (PFTriA)	ND		0.21	0.022	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.039	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.040	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.031	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.052	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluorooctanesulfonic acid (PFOS)	**0.15**	**J I**	0.21	0.046	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.055	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.035	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.025	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.051	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
6:2 FTS	**0.032**	**J**	0.21	0.029	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1
8:2 FTS	ND		0.21	0.037	ug/Kg	☼	04/09/23 19:59	04/11/23 01:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*39*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
13C5 PFPeA	*92*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
13C2 PFHxA	*93*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
13C4 PFHpA	*85*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
13C4 PFOA	*90*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
13C5 PFNA	*101*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
13C2 PFDA	*97*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
13C2 PFUnA	*99*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
13C2 PFDoA	*100*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
13C2 PFTeDA	*92*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
13C3 PFBS	*67*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
18O2 PFHxS	*81*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
13C4 PFOS	*78*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
13C8 FOSA	*94*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
d3-NMeFOSAA	*94*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
d5-NEtFOSAA	*98*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
M2-6:2 FTS	*73*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*
M2-8:2 FTS	*97*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:21*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-2

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17
Date Collected: 04/06/23 15:55
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-19
Matrix: Solid
Percent Solids: 82.4

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.60**		0.24	0.055	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluoropentanoic acid (PFPeA)	**0.21**	**J**	0.24	0.049	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluorohexanoic acid (PFHxA)	**0.13**	**J**	0.24	0.037	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluoroheptanoic acid (PFHpA)	**0.15**	**J**	0.24	0.045	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluorooctanoic acid (PFOA)	**0.55**		0.24	0.063	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluorononanoic acid (PFNA)	**0.35**		0.24	0.026	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluorodecanoic acid (PFDA)	**0.25**		0.24	0.057	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluoroundecanoic acid (PFUnA)	**0.22**	**J**	0.24	0.050	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluorododecanoic acid (PFDoA)	**0.11**	**J**	0.24	0.036	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluorotridecanoic acid (PFTriA)	**0.072**	**J**	0.24	0.025	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluorotetradecanoic acid (PFTeA)	**0.045**	**J**	0.24	0.044	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.24	0.045	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.24	0.035	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.24	0.058	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluorooctanesulfonic acid (PFOS)	**1.2**		0.24	0.051	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.24	0.062	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
Perfluorooctanesulfonamide (FOSA)	ND		0.24	0.039	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.24	0.027	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.24	0.057	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
6:2 FTS	ND		0.24	0.032	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1
8:2 FTS	ND		0.24	0.042	ug/Kg	☼	04/09/23 19:59	04/11/23 01:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*64*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
13C5 PFPeA	*85*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
13C2 PFHxA	*80*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
13C4 PFHpA	*83*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
13C4 PFOA	*73*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
13C5 PFNA	*83*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
13C2 PFDA	*91*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
13C2 PFUnA	*92*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
13C2 PFDoA	*97*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
13C2 PFTeDA	*92*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
13C3 PFBS	*73*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
18O2 PFHxS	*80*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
13C4 PFOS	*88*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
13C8 FOSA	*92*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
d3-NMeFOSAA	*83*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
d5-NEtFOSAA	*91*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
M2-6:2 FTS	*59*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*
M2-8:2 FTS	*89*		*25 - 150*	*04/09/23 19:59*	*04/11/23 01:32*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-666500/1-A
Matrix: Solid
Analysis Batch: 666723

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 666500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
6:2 FTS	ND		0.20	0.027	ug/Kg		04/09/23 19:59	04/10/23 22:48	1
8:2 FTS	ND		0.20	0.035	ug/Kg		04/09/23 19:59	04/10/23 22:48	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*47*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C5 PFPeA	*78*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C2 PFHxA	*84*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C4 PFHpA	*79*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C4 PFOA	*80*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C5 PFNA	*83*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C2 PFDA	*75*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C2 PFUnA	*78*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C2 PFDoA	*91*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C2 PFTeDA	*86*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C3 PFBS	*74*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
18O2 PFHxS	*83*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C4 PFOS	*81*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
13C8 FOSA	*88*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
d3-NMeFOSAA	*79*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
d5-NEtFOSAA	*88*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
M2-6:2 FTS	*60*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*
M2-8:2 FTS	*92*		*25 - 150*	*04/09/23 19:59*	*04/10/23 22:48*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-666500/2-A
Matrix: Solid
Analysis Batch: 666723

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	1.88		ug/Kg		94	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	2.18		ug/Kg		109	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	1.84		ug/Kg		92	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.20		ug/Kg		110	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	1.93		ug/Kg		96	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.18		ug/Kg		109	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	2.20		ug/Kg		110	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.21		ug/Kg		110	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.00		ug/Kg		100	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	1.95		ug/Kg		98	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	1.99		ug/Kg		100	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.78		ug/Kg		100	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.68		ug/Kg		92	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.94		ug/Kg		102	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	1.86		ug/Kg		100	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	1.89		ug/Kg		98	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.14		ug/Kg		107	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.15		ug/Kg		108	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.03		ug/Kg		102	72 - 132
6:2 FTS	1.90	1.69		ug/Kg		89	73 - 139
8:2 FTS	1.92	1.83		ug/Kg		95	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*59*		*25 - 150*
13C5 PFPeA	*84*		*25 - 150*
13C2 PFHxA	*85*		*25 - 150*
13C4 PFHpA	*82*		*25 - 150*
13C4 PFOA	*91*		*25 - 150*
13C5 PFNA	*93*		*25 - 150*
13C2 PFDA	*97*		*25 - 150*
13C2 PFUnA	*94*		*25 - 150*
13C2 PFDoA	*101*		*25 - 150*
13C2 PFTeDA	*94*		*25 - 150*
13C3 PFBS	*88*		*25 - 150*
18O2 PFHxS	*94*		*25 - 150*
13C4 PFOS	*88*		*25 - 150*
13C8 FOSA	*97*		*25 - 150*
d3-NMeFOSAA	*84*		*25 - 150*
d5-NEtFOSAA	*96*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-666500/2-A
Matrix: Solid
Analysis Batch: 666723

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666500

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	*76*		*25 - 150*
M2-8:2 FTS	*82*		*25 - 150*

Lab Sample ID: 180-154714-19 MS
Matrix: Solid
Analysis Batch: 666723

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17
Prep Type: Total/NA
Prep Batch: 666500

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.60		2.31	2.94		ug/Kg	☼	101	76 - 136
Perfluoropentanoic acid (PFPeA)	0.21	J	2.31	2.75		ug/Kg	☼	110	69 - 129
Perfluorohexanoic acid (PFHxA)	0.13	J	2.31	2.72		ug/Kg	☼	112	71 - 131
Perfluoroheptanoic acid (PFHpA)	0.15	J	2.31	2.93		ug/Kg	☼	120	71 - 131
Perfluorooctanoic acid (PFOA)	0.55		2.31	2.87		ug/Kg	☼	101	72 - 132
Perfluorononanoic acid (PFNA)	0.35		2.31	2.80		ug/Kg	☼	106	73 - 133
Perfluorodecanoic acid (PFDA)	0.25		2.31	2.92		ug/Kg	☼	116	72 - 132
Perfluoroundecanoic acid (PFUnA)	0.22	J	2.31	2.94		ug/Kg	☼	118	66 - 126
Perfluorododecanoic acid (PFDoA)	0.11	J	2.31	2.51		ug/Kg	☼	104	71 - 131
Perfluorotridecanoic acid (PFTriA)	0.072	J	2.31	2.70		ug/Kg	☼	114	71 - 131
Perfluorotetradecanoic acid (PFTeA)	0.045	J	2.31	2.53		ug/Kg	☼	108	67 - 127
Perfluorobutanesulfonic acid (PFBS)	ND		2.05	2.10		ug/Kg	☼	102	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	ND		2.11	1.98		ug/Kg	☼	94	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.21	2.17		ug/Kg	☼	99	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.2		2.15	3.24		ug/Kg	☼	94	68 - 141
Perfluorodecanesulfonic acid (PFDS)	ND		2.23	2.24		ug/Kg	☼	101	71 - 131
Perfluorooctanesulfonamide (FOSA)	ND		2.31	2.64		ug/Kg	☼	114	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.31	2.49		ug/Kg	☼	108	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.31	2.29		ug/Kg	☼	99	72 - 132
6:2 FTS	ND		2.20	2.25		ug/Kg	☼	102	73 - 139
8:2 FTS	ND		2.22	2.45		ug/Kg	☼	110	75 - 135

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	*61*		*25 - 150*
13C5 PFPeA	*80*		*25 - 150*
13C2 PFHxA	*74*		*25 - 150*
13C4 PFHpA	*76*		*25 - 150*
13C4 PFOA	*90*		*25 - 150*
13C5 PFNA	*84*		*25 - 150*
13C2 PFDA	*89*		*25 - 150*
13C2 PFUnA	*83*		*25 - 150*
13C2 PFDoA	*86*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-154714-19 MS
Matrix: Solid
Analysis Batch: 666723

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17
Prep Type: Total/NA
Prep Batch: 666500

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2 PFTeDA	*90*		*25 - 150*
13C3 PFBS	*71*		*25 - 150*
18O2 PFHxS	*81*		*25 - 150*
13C4 PFOS	*84*		*25 - 150*
13C8 FOSA	*88*		*25 - 150*
d3-NMeFOSAA	*90*		*25 - 150*
d5-NEtFOSAA	*96*		*25 - 150*
M2-6:2 FTS	*66*		*25 - 150*
M2-8:2 FTS	*76*		*25 - 150*

Lab Sample ID: 180-154714-19 MSD
Matrix: Solid
Analysis Batch: 666723

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17
Prep Type: Total/NA
Prep Batch: 666500

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.60		2.39	3.38		ug/Kg	☼	116	76 - 136	14	30
Perfluoropentanoic acid (PFPeA)	0.21	J	2.39	2.61		ug/Kg	☼	100	69 - 129	5	30
Perfluorohexanoic acid (PFHxA)	0.13	J	2.39	2.76		ug/Kg	☼	110	71 - 131	2	30
Perfluoroheptanoic acid (PFHpA)	0.15	J	2.39	2.83		ug/Kg	☼	112	71 - 131	3	30
Perfluorooctanoic acid (PFOA)	0.55		2.39	3.06		ug/Kg	☼	105	72 - 132	6	30
Perfluorononanoic acid (PFNA)	0.35		2.39	2.67		ug/Kg	☼	97	73 - 133	5	30
Perfluorodecanoic acid (PFDA)	0.25		2.39	3.18		ug/Kg	☼	123	72 - 132	8	30
Perfluoroundecanoic acid (PFUnA)	0.22	J	2.39	2.61		ug/Kg	☼	100	66 - 126	12	30
Perfluorododecanoic acid (PFDoA)	0.11	J	2.39	2.59		ug/Kg	☼	104	71 - 131	3	30
Perfluorotridecanoic acid (PFTriA)	0.072	J	2.39	2.60		ug/Kg	☼	106	71 - 131	4	30
Perfluorotetradecanoic acid (PFTeA)	0.045	J	2.39	2.47		ug/Kg	☼	102	67 - 127	3	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.12	2.22		ug/Kg	☼	105	69 - 129	5	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.18	2.18		ug/Kg	☼	100	62 - 122	10	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.28	2.30		ug/Kg	☼	101	76 - 136	6	30
Perfluorooctanesulfonic acid (PFOS)	1.2		2.22	3.34		ug/Kg	☼	95	68 - 141	3	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.30	2.48		ug/Kg	☼	108	71 - 131	10	30
Perfluorooctanesulfonamide (FOSA)	ND		2.39	2.63		ug/Kg	☼	110	77 - 137	0	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.39	2.76		ug/Kg	☼	115	72 - 132	10	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.39	2.59		ug/Kg	☼	108	72 - 132	12	30
6:2 FTS	ND		2.27	1.95		ug/Kg	☼	86	73 - 139	14	30
8:2 FTS	ND		2.29	2.41		ug/Kg	☼	105	75 - 135	2	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFBA	*52*		*25 - 150*
13C5 PFPeA	*71*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-154714-19 MSD
Matrix: Solid
Analysis Batch: 666723

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17
Prep Type: Total/NA
Prep Batch: 666500

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C2 PFHxA	72		25 - 150
13C4 PFHpA	75		25 - 150
13C4 PFOA	76		25 - 150
13C5 PFNA	85		25 - 150
13C2 PFDA	80		25 - 150
13C2 PFUnA	84		25 - 150
13C2 PFDoA	87		25 - 150
13C2 PFTeDA	92		25 - 150
13C3 PFBS	66		25 - 150
18O2 PFHxS	75		25 - 150
13C4 PFOS	79		25 - 150
13C8 FOSA	83		25 - 150
d3-NMeFOSAA	71		25 - 150
d5-NEtFOSAA	89		25 - 150
M2-6:2 FTS	65		25 - 150
M2-8:2 FTS	71		25 - 150

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154714-2
Project/Site: Former Sperry Remington-SCV

LCMS

Prep Batch: 666500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	SHAKE	
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	SHAKE	
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	SHAKE	
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	SHAKE	
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	SHAKE	
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	SHAKE	
MB 320-666500/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-666500/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
180-154714-19 MS	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	SHAKE	
180-154714-19 MSD	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	SHAKE	

Analysis Batch: 666723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	537 (modified)	666500
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	537 (modified)	666500
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	537 (modified)	666500
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	537 (modified)	666500
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	537 (modified)	666500
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	537 (modified)	666500
MB 320-666500/1-A	Method Blank	Total/NA	Solid	537 (modified)	666500
LCS 320-666500/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	666500
180-154714-19 MS	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	537 (modified)	666500
180-154714-19 MSD	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	537 (modified)	666500

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins | Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV38-0-0.17	4/6/23	1435	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV38-0.17-0.75	4/6/23	1440	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV-DUP14	4/6/23	--	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV38-0.75-1.75	4/6/23	1445	G	S	N	Y	X	X	X	X										16	
SSHS-IRM5A2-SCV39-0-0.67	4/6/23	1450	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV39-0.67-1.67	4/6/23	1455	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV40-0-0.17	4/6/23	1500	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV40-0.17-0.75	4/6/23	1505	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV40-0.75-1.75	4/6/23	1510	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV41-0-0.17	4/6/23	1515	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV41-0.17-0.75	4/6/23	1520	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV41-0.75-1.75	4/6/23	1525	G	S	N	N	X	X	X	X										6	



☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Mwaide Ahn	4/6/23/1700	Company: Geosyntec		4/7/23 09:25	GTAPH
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation (COC-1)

eurofins | Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV42-0-0.50	4/6/23	1530	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV42-0.50-1.50	4/6/23	1535	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV-DUP15	4/6/23	--	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV43-0-0.17	4/6/23	1540	G	S	N	Y	X	X	X	X			16	
SSHS-IRM5A2-SCV43-0.17-0.75	4/6/23	1545	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV43-0.75-1.75	4/6/23	1550	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV44-0-0.17	4/6/23	1555	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV44-0.17-0.75	4/6/23	1600	G	S	N	N	X	X	X	X			6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Miranda Hunter	4/6/23/1700	Company: Geosyntec		4/7/23 0825	FEDEX
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154714 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV38-0-0.17	4/6/23	1435	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV38-0.17-0.75	4/6/23	1440	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV-DUP14	4/6/23	--	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV38-0.75-1.75	4/6/23	1445	G	S	N	Y	X	X	X	X										16	
SSHS-IRM5A2-SCV39-0-0.67	4/6/23	1450	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV39-0.67-1.67	4/6/23	1455	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV40-0-0.17	4/6/23	1500	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV40-0.17-0.75	4/6/23	1505	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV40-0.75-1.75	4/6/23	1510	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV41-0-0.17	4/6/23	1515	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV41-0.17-0.75	4/6/23	1520	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV41-0.75-1.75	4/6/23	1525	G	S	N	N	X	X	X	X										6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Mariah Klein	4/6/23/1700	Company: Geosyntec		4/7/23 1000	Company
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 1117657 | Cooler Temperature(s) °C and Other Remarks: 1.2

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation (COC-1)

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV42-0-0.50	4/6/23	1530	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV42-0.50-1.50	4/6/23	1535	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV-DUP15	4/6/23	--	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV43-0-0.17	4/6/23	1540	G	S	N	Y	X	X	X	X			16	
SSHS-IRM5A2-SCV43-0.17-0.75	4/6/23	1545	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV43-0.75-1.75	4/6/23	1550	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV44-0-0.17	4/6/23	1555	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV44-0.17-0.75	4/6/23	1600	G	S	N	N	X	X	X	X			6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Miranda Heludi	4/6/23 1170	Company: Geosyntec		4/7/23 1000	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 1117657 | Cooler Temperature(s) °C and Other Remarks: 1.2

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4/20/2023

Ver: 01/16/2019

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Sacramento Sample Receiving Notes

180-154714 Field Sheet

Tracking # : 7717 4388 6159

Job: _____

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: C10 Corr. Factor: (+ / -) _____ °C

Ice — Wet _____ Gel _____ Other _____

Cooler Custody Seal: 1117657

Cooler ID: _____

Temp Observed: 1.2 °C Corrected: 1.2 °C

From: Temp Blank ☐ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 4/7/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☐	☐	☑
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: _____ Date: 4-7-23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☐	☐	☑

Initials: _____ Date: 4-7-23

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154714-2

Login Number: 154714
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

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JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154808-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-154808-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154808-2

Receipt
The samples were received on 4/8/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.0º C, 1.4º C, 1.6º C, 2.5º C, 3.3º C and 4.8º C.

LCMS
Method 537 (modified): Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for the following sample: (CCB 320-667213/3). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154808-2
Project/Site: Former Sperry Remington-SCV

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154808-2
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-22-24
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-29-24
Hawaii	State	<cert No.>	01-29-24
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	06-01-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-24
Ohio	State	41252	01-29-24
Oregon	NELAP	4040	01-29-24
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	02-28-26
Utah	NELAP	CA000442021-12	02-28-23 *
Virginia	NELAP	460278	03-14-24
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-31-23
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Solid	04/07/23 09:10	04/08/23 08:35
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Solid	04/07/23 09:30	04/08/23 08:35
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Solid	04/07/23 09:50	04/08/23 08:35
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Solid	04/07/23 10:10	04/08/23 08:35
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Solid	04/07/23 00:00	04/08/23 08:35
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Solid	04/07/23 10:25	04/08/23 08:35

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-2

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-2

Client Sample ID: SSHS-IRM5A2-SCV45-0.17-0.92

Lab Sample ID: 180-154808-3
Date Collected: 04/07/23 09:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.20 g	10.0 mL	666958	04/11/23 20:14	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667222	04/13/23 16:25	D1R	EET SAC
	Instrument ID: A23									

Client Sample ID: SSHS-IRM5A2-SCV46-0.83-1.83

Lab Sample ID: 180-154808-8
Date Collected: 04/07/23 09:30
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.23 g	10.0 mL	666958	04/11/23 20:14	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667222	04/13/23 16:46	D1R	EET SAC
	Instrument ID: A23									

Client Sample ID: SSHS-IRM5A2-SCV48-0-0.67

Lab Sample ID: 180-154808-12
Date Collected: 04/07/23 09:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.33 g	10.0 mL	666958	04/11/23 20:14	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667222	04/13/23 16:56	D1R	EET SAC
	Instrument ID: A23									

Client Sample ID: SSHS-IRM5A2-SCV49-0.75-1.75

Lab Sample ID: 180-154808-16
Date Collected: 04/07/23 10:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.05 g	10.0 mL	666958	04/11/23 20:14	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667222	04/13/23 17:06	D1R	EET SAC
	Instrument ID: A23									

Client Sample ID: SSHS-IRM5A2-SCV-DUP17

Lab Sample ID: 180-154808-17
Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.22 g	10.0 mL	666958	04/11/23 20:14	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667222	04/13/23 17:17	D1R	EET SAC
	Instrument ID: A23									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154808-2
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50
Lab Sample ID: 180-154808-20
Date Collected: 04/07/23 10:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.13 g	10.0 mL	666958	04/11/23 20:14	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667222	04/13/23 17:27	D1R	EET SAC
	Instrument ID: A23									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Prep

PV = Pheng Vue

Batch Type: Analysis

D1R = Dhatpakorn Ruangyotsakul

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-2

Client Sample ID: SSHS-IRM5A2-SCV45-0.17-0.92
Date Collected: 04/07/23 09:10
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-3
Matrix: Solid
Percent Solids: 89.2

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.22	0.050	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluoropentanoic acid (PFPeA)	ND		0.22	0.044	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluorohexanoic acid (PFHxA)	ND		0.22	0.033	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluoroheptanoic acid (PFHpA)	ND		0.22	0.041	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluorooctanoic acid (PFOA)	**0.12**	**J**	0.22	0.057	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluorononanoic acid (PFNA)	**0.11**	**J**	0.22	0.024	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluorodecanoic acid (PFDA)	**0.068**	**J**	0.22	0.052	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluoroundecanoic acid (PFUnA)	**0.064**	**J**	0.22	0.045	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluorododecanoic acid (PFDoA)	ND		0.22	0.032	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluorotridecanoic acid (PFTriA)	**0.023**	**J**	0.22	0.023	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.040	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.041	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.031	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.053	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluorooctanesulfonic acid (PFOS)	**0.65**		0.22	0.046	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.056	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.036	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.025	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.052	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
6:2 FTS	ND		0.22	0.029	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1
8:2 FTS	ND		0.22	0.038	ug/Kg	☼	04/11/23 20:14	04/13/23 16:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
13C5 PFPeA	*105*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
13C2 PFHxA	*103*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
13C4 PFHpA	*103*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
13C4 PFOA	*85*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
13C5 PFNA	*89*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
13C2 PFDA	*87*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
13C2 PFUnA	*95*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
13C2 PFDoA	*100*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
13C2 PFTeDA	*89*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
13C3 PFBS	*84*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
18O2 PFHxS	*72*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
13C4 PFOS	*70*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
13C8 FOSA	*82*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
d3-NMeFOSAA	*82*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
d5-NEtFOSAA	*90*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
M2-6:2 FTS	*79*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*
M2-8:2 FTS	*83*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:25*	*1*

Client Sample ID: SSHS-IRM5A2-SCV46-0.83-1.83
Date Collected: 04/07/23 09:30
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-8
Matrix: Solid
Percent Solids: 92.6

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.21	0.047	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluoropentanoic acid (PFPeA)	ND		0.21	0.042	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluorohexanoic acid (PFHxA)	ND		0.21	0.032	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluoroheptanoic acid (PFHpA)	ND		0.21	0.039	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluorooctanoic acid (PFOA)	ND		0.21	0.055	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluorononanoic acid (PFNA)	**0.030**	**J**	0.21	0.023	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluorodecanoic acid (PFDA)	ND		0.21	0.050	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluoroundecanoic acid (PFUnA)	ND		0.21	0.043	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluorododecanoic acid (PFDoA)	ND		0.21	0.031	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluorotridecanoic acid (PFTriA)	ND		0.21	0.022	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.038	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.039	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.030	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.051	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluorooctanesulfonic acid (PFOS)	**0.13**	**J**	0.21	0.044	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.054	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.034	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.024	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.050	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
6:2 FTS	ND		0.21	0.028	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1
8:2 FTS	ND		0.21	0.036	ug/Kg	☼	04/11/23 20:14	04/13/23 16:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*74*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
13C5 PFPeA	*109*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
13C2 PFHxA	*102*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
13C4 PFHpA	*96*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
13C4 PFOA	*81*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
13C5 PFNA	*86*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
13C2 PFDA	*91*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
13C2 PFUnA	*90*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
13C2 PFDoA	*103*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
13C2 PFTeDA	*82*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
13C3 PFBS	*90*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
18O2 PFHxS	*75*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
13C4 PFOS	*74*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
13C8 FOSA	*86*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
d3-NMeFOSAA	*89*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
d5-NEtFOSAA	*93*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
M2-6:2 FTS	*81*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*
M2-8:2 FTS	*101*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:46*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-2

Client Sample ID: SSHS-IRM5A2-SCV48-0-0.67
Date Collected: 04/07/23 09:50
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-12
Matrix: Solid
Percent Solids: 91.2

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.21	0.047	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluoropentanoic acid (PFPeA)	ND		0.21	0.042	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluorohexanoic acid (PFHxA)	ND		0.21	0.032	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluoroheptanoic acid (PFHpA)	ND		0.21	0.039	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluorooctanoic acid (PFOA)	**0.074**	**J**	0.21	0.055	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluorononanoic acid (PFNA)	**0.080**	**J**	0.21	0.023	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluorodecanoic acid (PFDA)	ND		0.21	0.049	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluoroundecanoic acid (PFUnA)	ND		0.21	0.043	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluorododecanoic acid (PFDoA)	ND		0.21	0.031	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluorotridecanoic acid (PFTriA)	ND		0.21	0.022	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.038	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.039	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.030	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.050	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluorooctanesulfonic acid (PFOS)	**0.58**		0.21	0.044	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.053	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.034	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.024	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.049	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
6:2 FTS	ND		0.21	0.028	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1
8:2 FTS	ND		0.21	0.036	ug/Kg	☼	04/11/23 20:14	04/13/23 16:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*61*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
13C5 PFPeA	*104*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
13C2 PFHxA	*97*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
13C4 PFHpA	*100*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
13C4 PFOA	*85*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
13C5 PFNA	*94*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
13C2 PFDA	*91*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
13C2 PFUnA	*100*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
13C2 PFDoA	*96*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
13C2 PFTeDA	*79*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
13C3 PFBS	*85*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
18O2 PFHxS	*70*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
13C4 PFOS	*74*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
13C8 FOSA	*90*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
d3-NMeFOSAA	*86*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
d5-NEtFOSAA	*93*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
M2-6:2 FTS	*78*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*
M2-8:2 FTS	*91*		*25 - 150*	*04/11/23 20:14*	*04/13/23 16:56*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-2

Client Sample ID: SSHS-IRM5A2-SCV49-0.75-1.75
Date Collected: 04/07/23 10:10
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-16
Matrix: Solid
Percent Solids: 90.5

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.22	0.050	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluoropentanoic acid (PFPeA)	ND		0.22	0.045	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluorohexanoic acid (PFHxA)	ND		0.22	0.034	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluoroheptanoic acid (PFHpA)	ND		0.22	0.042	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluorooctanoic acid (PFOA)	**0.13**	**J**	0.22	0.058	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluorononanoic acid (PFNA)	**0.055**	**J**	0.22	0.024	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluorodecanoic acid (PFDA)	ND		0.22	0.052	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluoroundecanoic acid (PFUnA)	ND		0.22	0.046	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluorododecanoic acid (PFDoA)	ND		0.22	0.033	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluorotridecanoic acid (PFTriA)	ND		0.22	0.023	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.040	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.042	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.054	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluorooctanesulfonic acid (PFOS)	**0.79**		0.22	0.047	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.057	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.036	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.025	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.052	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
6:2 FTS	ND		0.22	0.030	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1
8:2 FTS	ND		0.22	0.038	ug/Kg	☼	04/11/23 20:14	04/13/23 17:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
13C5 PFPeA	*105*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
13C2 PFHxA	*103*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
13C4 PFHpA	*96*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
13C4 PFOA	*81*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
13C5 PFNA	*92*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
13C2 PFDA	*90*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
13C2 PFUnA	*109*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
13C2 PFDoA	*104*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
13C2 PFTeDA	*81*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
13C3 PFBS	*84*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
18O2 PFHxS	*72*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
13C4 PFOS	*72*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
13C8 FOSA	*85*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
d3-NMeFOSAA	*84*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
d5-NEtFOSAA	*91*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
M2-6:2 FTS	*68*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*
M2-8:2 FTS	*89*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:06*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-2

Client Sample ID: SSHS-IRM5A2-SCV-DUP17
Date Collected: 04/07/23 00:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-17
Matrix: Solid
Percent Solids: 89.5

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.21	0.049	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluoropentanoic acid (PFPeA)	ND		0.21	0.044	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluorohexanoic acid (PFHxA)	ND		0.21	0.033	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluoroheptanoic acid (PFHpA)	ND		0.21	0.041	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluorooctanoic acid (PFOA)	**0.058**	**J**	0.21	0.057	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluorononanoic acid (PFNA)	ND		0.21	0.024	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluorodecanoic acid (PFDA)	ND		0.21	0.051	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluoroundecanoic acid (PFUnA)	ND		0.21	0.045	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluorododecanoic acid (PFDoA)	ND		0.21	0.032	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluorotridecanoic acid (PFTriA)	ND		0.21	0.022	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.040	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.041	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.031	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.052	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluorooctanesulfonic acid (PFOS)	**0.28**		0.21	0.046	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.056	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.035	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.025	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.051	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
6:2 FTS	ND		0.21	0.029	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1
8:2 FTS	ND		0.21	0.037	ug/Kg	☼	04/11/23 20:14	04/13/23 17:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*107*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
13C5 PFPeA	*99*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
13C2 PFHxA	*98*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
13C4 PFHpA	*93*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
13C4 PFOA	*85*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
13C5 PFNA	*84*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
13C2 PFDA	*84*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
13C2 PFUnA	*91*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
13C2 PFDoA	*93*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
13C2 PFTeDA	*76*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
13C3 PFBS	*78*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
18O2 PFHxS	*70*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
13C4 PFOS	*69*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
13C8 FOSA	*83*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
d3-NMeFOSAA	*81*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
d5-NEtFOSAA	*90*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
M2-6:2 FTS	*69*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*
M2-8:2 FTS	*85*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:17*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-2

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50
Date Collected: 04/07/23 10:25
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-20
Matrix: Solid
Percent Solids: 87.9

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.22	0.051	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluoropentanoic acid (PFPeA)	ND		0.22	0.045	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluorohexanoic acid (PFHxA)	ND		0.22	0.034	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluoroheptanoic acid (PFHpA)	ND		0.22	0.042	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluorooctanoic acid (PFOA)	**0.13**	**J**	0.22	0.059	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluorononanoic acid (PFNA)	**0.10**	**J**	0.22	0.024	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluorodecanoic acid (PFDA)	**0.068**	**J**	0.22	0.053	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluoroundecanoic acid (PFUnA)	**0.066**	**J**	0.22	0.047	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluorododecanoic acid (PFDoA)	ND		0.22	0.033	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluorotridecanoic acid (PFTriA)	**0.028**	**J**	0.22	0.023	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.042	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.054	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluorooctanesulfonic acid (PFOS)	**0.82**		0.22	0.048	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.058	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.037	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.026	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.053	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
6:2 FTS	ND		0.22	0.030	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1
8:2 FTS	ND		0.22	0.039	ug/Kg	☼	04/11/23 20:14	04/13/23 17:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*97*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
13C5 PFPeA	*100*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
13C2 PFHxA	*94*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
13C4 PFHpA	*98*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
13C4 PFOA	*83*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
13C5 PFNA	*95*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
13C2 PFDA	*89*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
13C2 PFUnA	*91*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
13C2 PFDoA	*82*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
13C2 PFTeDA	*82*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
13C3 PFBS	*79*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
18O2 PFHxS	*70*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
13C4 PFOS	*71*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
13C8 FOSA	*81*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
d3-NMeFOSAA	*81*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
d5-NEtFOSAA	*88*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
M2-6:2 FTS	*78*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*
M2-8:2 FTS	*86*		*25 - 150*	*04/11/23 20:14*	*04/13/23 17:27*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-2

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-666958/1-A
Matrix: Solid
Analysis Batch: 667222

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 666958

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
6:2 FTS	ND		0.20	0.027	ug/Kg		04/11/23 20:14	04/13/23 15:24	1
8:2 FTS	ND		0.20	0.035	ug/Kg		04/11/23 20:14	04/13/23 15:24	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
13C5 PFPeA	*112*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
13C2 PFHxA	*101*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
13C4 PFHpA	*101*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
13C4 PFOA	*88*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
13C5 PFNA	*95*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
13C2 PFDA	*102*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
13C2 PFUnA	*96*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
13C2 PFDoA	*99*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
13C2 PFTeDA	*82*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
13C3 PFBS	*105*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
18O2 PFHxS	*87*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
13C4 PFOS	*88*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
13C8 FOSA	*92*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
d3-NMeFOSAA	*91*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
d5-NEtFOSAA	*102*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
M2-6:2 FTS	*98*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*
M2-8:2 FTS	*103*		*25 - 150*	*04/11/23 20:14*	*04/13/23 15:24*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-666958/2-A
Matrix: Solid
Analysis Batch: 667222

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666958

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	2.20		ug/Kg		110	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	2.06		ug/Kg		103	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	2.09		ug/Kg		104	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.11		ug/Kg		105	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.39		ug/Kg		120	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.34		ug/Kg		117	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	2.15		ug/Kg		107	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.13		ug/Kg		106	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	1.88		ug/Kg		94	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	1.80		ug/Kg		90	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.43		ug/Kg		121	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.89		ug/Kg		106	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.93		ug/Kg		106	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.99		ug/Kg		104	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	2.01		ug/Kg		108	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	2.13		ug/Kg		110	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.21		ug/Kg		110	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.09		ug/Kg		105	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.11		ug/Kg		106	72 - 132
6:2 FTS	1.90	2.18		ug/Kg		114	73 - 139
8:2 FTS	1.92	1.91		ug/Kg		99	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*104*		*25 - 150*
13C5 PFPeA	*108*		*25 - 150*
13C2 PFHxA	*103*		*25 - 150*
13C4 PFHpA	*96*		*25 - 150*
13C4 PFOA	*85*		*25 - 150*
13C5 PFNA	*92*		*25 - 150*
13C2 PFDA	*94*		*25 - 150*
13C2 PFUnA	*98*		*25 - 150*
13C2 PFDoA	*99*		*25 - 150*
13C2 PFTeDA	*82*		*25 - 150*
13C3 PFBS	*98*		*25 - 150*
18O2 PFHxS	*86*		*25 - 150*
13C4 PFOS	*86*		*25 - 150*
13C8 FOSA	*90*		*25 - 150*
d3-NMeFOSAA	*91*		*25 - 150*
d5-NEtFOSAA	*93*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-666958/2-A
Matrix: Solid
Analysis Batch: 667222

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666958

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	*90*		*25 - 150*
M2-8:2 FTS	*107*		*25 - 150*

Lab Sample ID: 180-154808-20 MS
Matrix: Solid
Analysis Batch: 667222

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50
Prep Type: Total/NA
Prep Batch: 666958

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	ND		2.22	2.38		ug/Kg	☼	102	76 - 136
Perfluoropentanoic acid (PFPeA)	ND		2.22	2.47		ug/Kg	☼	111	69 - 129
Perfluorohexanoic acid (PFHxA)	ND		2.22	2.22		ug/Kg	☼	100	71 - 131
Perfluoroheptanoic acid (PFHpA)	ND		2.22	2.36		ug/Kg	☼	106	71 - 131
Perfluorooctanoic acid (PFOA)	0.13	J	2.22	2.57		ug/Kg	☼	110	72 - 132
Perfluorononanoic acid (PFNA)	0.10	J	2.22	2.52		ug/Kg	☼	109	73 - 133
Perfluorodecanoic acid (PFDA)	0.068	J	2.22	2.46		ug/Kg	☼	108	72 - 132
Perfluoroundecanoic acid (PFUnA)	0.066	J	2.22	2.35		ug/Kg	☼	103	66 - 126
Perfluorododecanoic acid (PFDoA)	ND		2.22	2.21		ug/Kg	☼	99	71 - 131
Perfluorotridecanoic acid (PFTriA)	0.028	J	2.22	2.42		ug/Kg	☼	108	71 - 131
Perfluorotetradecanoic acid (PFTeA)	ND		2.22	2.58		ug/Kg	☼	116	67 - 127
Perfluorobutanesulfonic acid (PFBS)	ND		1.97	2.01		ug/Kg	☼	102	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	ND		2.02	1.98		ug/Kg	☼	98	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.12	2.24		ug/Kg	☼	106	76 - 136
Perfluorooctanesulfonic acid (PFOS)	0.82		2.06	3.34		ug/Kg	☼	122	68 - 141
Perfluorodecanesulfonic acid (PFDS)	ND		2.14	2.36		ug/Kg	☼	111	71 - 131
Perfluorooctanesulfonamide (FOSA)	ND		2.22	2.42		ug/Kg	☼	109	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.22	2.33		ug/Kg	☼	105	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.22	2.18		ug/Kg	☼	98	72 - 132
6:2 FTS	ND		2.11	2.37		ug/Kg	☼	112	73 - 139
8:2 FTS	ND		2.13	2.31		ug/Kg	☼	109	75 - 135

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	*88*		*25 - 150*
13C5 PFPeA	*98*		*25 - 150*
13C2 PFHxA	*96*		*25 - 150*
13C4 PFHpA	*93*		*25 - 150*
13C4 PFOA	*84*		*25 - 150*
13C5 PFNA	*89*		*25 - 150*
13C2 PFDA	*87*		*25 - 150*
13C2 PFUnA	*98*		*25 - 150*
13C2 PFDoA	*84*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-154808-20 MS
Matrix: Solid
Analysis Batch: 667222

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50
Prep Type: Total/NA
Prep Batch: 666958

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2 PFTeDA	78		25 - 150
13C3 PFBS	81		25 - 150
18O2 PFHxS	82		25 - 150
13C4 PFOS	73		25 - 150
13C8 FOSA	81		25 - 150
d3-NMeFOSAA	81		25 - 150
d5-NEtFOSAA	91		25 - 150
M2-6:2 FTS	78		25 - 150
M2-8:2 FTS	80		25 - 150

Lab Sample ID: 180-154808-20 MSD
Matrix: Solid
Analysis Batch: 667222

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50
Prep Type: Total/NA
Prep Batch: 666958

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	ND		2.14	2.39		ug/Kg	☼	107	76 - 136	0	30
Perfluoropentanoic acid (PFPeA)	ND		2.14	2.35		ug/Kg	☼	110	69 - 129	5	30
Perfluorohexanoic acid (PFHxA)	ND		2.14	2.14		ug/Kg	☼	100	71 - 131	4	30
Perfluoroheptanoic acid (PFHpA)	ND		2.14	2.38		ug/Kg	☼	111	71 - 131	1	30
Perfluorooctanoic acid (PFOA)	0.13	J	2.14	2.46		ug/Kg	☼	109	72 - 132	4	30
Perfluorononanoic acid (PFNA)	0.10	J	2.14	2.42		ug/Kg	☼	108	73 - 133	4	30
Perfluorodecanoic acid (PFDA)	0.068	J	2.14	2.49		ug/Kg	☼	113	72 - 132	1	30
Perfluoroundecanoic acid (PFUnA)	0.066	J	2.14	2.18		ug/Kg	☼	99	66 - 126	8	30
Perfluorododecanoic acid (PFDoA)	ND		2.14	2.17		ug/Kg	☼	101	71 - 131	2	30
Perfluorotridecanoic acid (PFTriA)	0.028	J	2.14	2.29		ug/Kg	☼	106	71 - 131	6	30
Perfluorotetradecanoic acid (PFTeA)	ND		2.14	2.59		ug/Kg	☼	121	67 - 127	0	30
Perfluorobutanesulfonic acid (PFBS)	ND		1.90	2.00		ug/Kg	☼	105	69 - 129	0	30
Perfluorohexanesulfonic acid (PFHxS)	ND		1.95	1.97		ug/Kg	☼	101	62 - 122	0	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.04	2.18		ug/Kg	☼	107	76 - 136	3	30
Perfluorooctanesulfonic acid (PFOS)	0.82		1.99	2.95		ug/Kg	☼	107	68 - 141	13	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.06	2.09		ug/Kg	☼	101	71 - 131	12	30
Perfluorooctanesulfonamide (FOSA)	ND		2.14	2.24		ug/Kg	☼	105	77 - 137	8	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.14	2.28		ug/Kg	☼	107	72 - 132	2	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.14	2.33		ug/Kg	☼	109	72 - 132	7	30
6:2 FTS	ND		2.04	2.45		ug/Kg	☼	120	73 - 139	3	30
8:2 FTS	ND		2.05	2.08		ug/Kg	☼	101	75 - 135	11	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFBA	93		25 - 150
13C5 PFPeA	95		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-154808-20 MSD
Matrix: Solid
Analysis Batch: 667222

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50
Prep Type: Total/NA
Prep Batch: 666958

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C2 PFHxA	92		25 - 150
13C4 PFHpA	92		25 - 150
13C4 PFOA	84		25 - 150
13C5 PFNA	93		25 - 150
13C2 PFDA	90		25 - 150
13C2 PFUnA	97		25 - 150
13C2 PFDoA	86		25 - 150
13C2 PFTeDA	86		25 - 150
13C3 PFBS	75		25 - 150
18O2 PFHxS	77		25 - 150
13C4 PFOS	74		25 - 150
13C8 FOSA	86		25 - 150
d3-NMeFOSAA	83		25 - 150
d5-NEtFOSAA	83		25 - 150
M2-6:2 FTS	79		25 - 150
M2-8:2 FTS	93		25 - 150

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154808-2
Project/Site: Former Sperry Remington-SCV

LCMS

Prep Batch: 666958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	SHAKE	
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	SHAKE	
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	SHAKE	
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	SHAKE	
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	SHAKE	
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	SHAKE	
MB 320-666958/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-666958/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
180-154808-20 MS	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	SHAKE	
180-154808-20 MSD	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	SHAKE	

Analysis Batch: 667222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	537 (modified)	666958
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	537 (modified)	666958
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	537 (modified)	666958
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	537 (modified)	666958
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	537 (modified)	666958
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	537 (modified)	666958
MB 320-666958/1-A	Method Blank	Total/NA	Solid	537 (modified)	666958
LCS 320-666958/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	666958
180-154808-20 MS	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	537 (modified)	666958
180-154808-20 MSD	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	537 (modified)	666958

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

[redacted] eurofins Environment Testing TestAmerica

4/20/2023

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Mr. Aron Krasnopoler	M Stelmach	Dunlap, David A		180-45857-9656.1
Company: Geosyntec Consultants, Inc.	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			Job #:
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044	PO #: MN0832I			
Phone: 40-381-4333	WO #:			
Email: akrasnopoler@geosyntec.com	Project #: 18013464			
Project Name: Former Sperry Remington Site	SSOW#:			
Site				

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N								
SSHS-IRM5A2-SCV44-0.75-1.75	4/7/23	0900	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV45-0-0.17	4/7/23	0905	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV45-0.17-0.92	4/7/23	0910	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV45-0.92-1.92	4/7/23	0915	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV46-0-0.17	4/7/23	0920	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV-DUP16	4/7/23	--	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV46-0.17-0.83	4/7/23	0925	G	S	N	N	X	X	X	X									16	
SSHS-IRM5A2-SCV46-0.83-1.83	4/7/23	0930	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV47-0-0.17	4/7/23	0935	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV47-0.17-0.75	4/7/23	0940	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV47-0.75-1.75	4/7/23	0945	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV48-0-0.67	4/7/23	0950	G	S	N	N	X	X	X	X	X	X							8	

180-154808 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

Relinquished by:	Date/Time	Company: Geosyntec	Received by:	Date/Time	Company
			[signature]	4-8-23 0835	EPI TAVE
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.. | Cooler Temperature(s) °C and Other Remarks

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

[redacted]

eurofins | Environment Testing TestAmerica

4/20/2023

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
	M Stelmach	Dunlap, David A		180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail david.dunlap@testamericainc.com		Page Page 2 of 2
Company Geosyntec Consultants, Inc.				Job #

Address	Due Date Requested:
10211 Wincopin Circle 4th Floor	
City Columbia	TAT Requested (days): Standard
State, Zip MD, 21044	
Phone 40-381-4333	PO # MN0832I
Email akrasnopoler@geosyntec.com	WO #
Project Name Former Sperry Remington Site	Project # 18013464
Site	SSOW#

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV48-0.67-1.67	4/7/23	0955	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV49-0-0.17	4/7/23	1000	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV49-0.17-0.75	4/7/23	1005	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV49-0.75-1.75	4/7/23	1010	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV-DUP17	4/7/23	--	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV50-0-0.58	4/7/23	1015	G	S	N	Y	X	X	X	X									16	
SSHS-IRM5A2-SCV50-0.58-1.58	4/7/23	1020	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV51-0-0.50	4/7/23	1025	G	S	N	N	X	X	X	X	X	X							8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested. I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by | Date | Time | Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by		Geosyntec		4-8-23 0835	EPI TAME
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.. | Cooler Temperature(s) °C and Other Remarks

Ver 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

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Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN08321			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154808 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV44-0.75-1.75	4/7/23	0900	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV45-0-0.17	4/7/23	0905	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV45-0.17-0.92	4/7/23	0910	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV45-0.92-1.92	4/7/23	0915	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV46-0-0.17	4/7/23	0920	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV-DUP16	4/7/23	--	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV46-0.17-0.83	4/7/23	0925	G	S	N	N	X	X	X	X										16	
SSHS-IRM5A2-SCV46-0.83-1.83	4/7/23	0930	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV47-0-0.17	4/7/23	0935	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV47-0.17-0.75	4/7/23	0940	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV47-0.75-1.75	4/7/23	0945	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV48-0-0.67	4/7/23	0950	G	S	N	N	X	X	X	X	X	X								8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Miranda Stelmach	4/7/23/16:30	Geosyntec		4-8-23 / 09:25	FETSAC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 117650 | Cooler Temperature(s) °C and Other Remarks: 2.5

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044	PO #: MN0832I			
Phone: 40-381-4333	WO #:			
Email: akrasnopoler@geosyntec.com				
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV48-0.67-1.67	4/7/23	0955	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV49-0-0.17	4/7/23	1000	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV49-0.17-0.75	4/7/23	1005	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV49-0.75-1.75	4/7/23	1010	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV-DUP17	4/7/23	--	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV50-0-0.58	4/7/23	1015	G	S	N	Y	X	X	X	X			16	
SSHS-IRM5A2-SCV50-0.58-1.58	4/7/23	1020	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV51-0-0.50	4/7/23	1025	G	S	N	N	X	X	X	X	X	X	8	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Mercedes Krasnopoler	4/7/23 1630	Geosyntec			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 111650 | Cooler Temperature(s) °C and Other Remarks: 2.5

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4/20/2023

Ver: 01/16/2019

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Sacramento Sample Receiving Notes

180-154808 Field Sheet

Job: _____

Tracking # : 7717 4391 0812

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: L-09 Corr. Factor: (+ / -) 0 °C

Ice ✓ Wet ✓ Gel _____ Other _____

Cooler Custody Seal: 1117650

Cooler ID: —

Temp Observed: 2.5 °C Corrected: 2.5 °C

From: Temp Blank ☑ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: NC Date: 4-8-23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☑	☐
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 4-8-23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☑	☐	☑ NC 4-8-23

Initials: NC Date: 4-8-23

WR HB

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154808-2

Login Number: 154808
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	False	COC not received woth samples, used unsigned, emailed COC
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154808-2

Login Number: 154808
List Number: 2
Creator: Cahill, Nicholas P

List Source: Eurofins Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1117650
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 4/22/2023 9:05:14 AM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154813-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
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Case Narrative

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-2

Job ID: 180-154813-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154813-2

Comments
Notation was made to the COC regarding terracores for sample SSHS-IRM5A2-DUP19 not being received.

Receipt
The samples were received on 4/8/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.0º C, 1.4º C, 1.6º C, 2.5º C, 3.3º C and 4.8º C.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154813-2
Project/Site: Former Sperry Remington-SCV

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154813-2
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-22-24
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-29-24
Hawaii	State	<cert No.>	01-29-24
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	06-01-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-24
Ohio	State	41252	01-29-24
Oregon	NELAP	4040	01-29-24
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	02-28-26
Utah	NELAP	CA000442021-12	02-28-23 *
Virginia	NELAP	460278	03-14-24
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-31-23
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Solid	04/07/23 10:45	04/08/23 08:35
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Solid	04/07/23 11:05	04/08/23 08:35
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Solid	04/07/23 11:25	04/08/23 08:35
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Solid	04/07/23 11:50	04/08/23 08:35

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-2

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154813-2
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV53-0-0.50
Lab Sample ID: 180-154813-4
Date Collected: 04/07/23 10:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.14 g	10.0 mL	666751	04/10/23 19:41	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667039	04/12/23 10:00	JTD	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV54-0.75-1.75
Lab Sample ID: 180-154813-9
Date Collected: 04/07/23 11:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 74.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.01 g	10.0 mL	666751	04/10/23 19:41	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667039	04/12/23 10:10	JTD	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV56-0-0.67
Lab Sample ID: 180-154813-13
Date Collected: 04/07/23 11:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 73.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.14 g	10.0 mL	666751	04/10/23 19:41	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667039	04/12/23 10:20	JTD	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Lab Sample ID: 180-154813-19
Date Collected: 04/07/23 11:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.00 g	10.0 mL	666751	04/10/23 19:41	PV	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667039	04/12/23 10:31	JTD	EET SAC
	Instrument ID: A24									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Prep

PV = Pheng Vue

Batch Type: Analysis

JTD = Jennifer Doan

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-2

Client Sample ID: SSHS-IRM5A2-SCV53-0-0.50
Date Collected: 04/07/23 10:45
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-4
Matrix: Solid
Percent Solids: 83.7

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.23	0.053	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluoropentanoic acid (PFPeA)	ND		0.23	0.048	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluorohexanoic acid (PFHxA)	ND		0.23	0.036	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluoroheptanoic acid (PFHpA)	**0.11**	**J**	0.23	0.044	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluorooctanoic acid (PFOA)	**0.30**		0.23	0.062	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluorononanoic acid (PFNA)	**0.12**	**J**	0.23	0.026	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluorodecanoic acid (PFDA)	ND		0.23	0.056	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluoroundecanoic acid (PFUnA)	ND		0.23	0.049	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluorododecanoic acid (PFDoA)	ND		0.23	0.035	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluorotridecanoic acid (PFTriA)	ND		0.23	0.024	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.23	0.043	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.23	0.044	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluorohexanesulfonic acid (PFHxS)	**0.041**	**J**	0.23	0.034	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.23	0.057	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluorooctanesulfonic acid (PFOS)	**0.66**		0.23	0.050	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.23	0.060	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
Perfluorooctanesulfonamide (FOSA)	ND		0.23	0.038	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.23	0.027	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.23	0.056	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
6:2 FTS	**0.037**	**J**	0.23	0.031	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1
8:2 FTS	ND		0.23	0.041	ug/Kg	☼	04/10/23 19:41	04/12/23 10:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*63*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
13C5 PFPeA	*90*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
13C2 PFHxA	*77*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
13C4 PFHpA	*79*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
13C4 PFOA	*82*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
13C5 PFNA	*91*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
13C2 PFDA	*102*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
13C2 PFUnA	*92*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
13C2 PFDoA	*105*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
13C2 PFTeDA	*92*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
13C3 PFBS	*63*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
18O2 PFHxS	*74*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
13C4 PFOS	*89*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
13C8 FOSA	*108*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
d3-NMeFOSAA	*84*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
d5-NEtFOSAA	*99*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
M2-6:2 FTS	*61*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*
M2-8:2 FTS	*97*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:00*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-2

Client Sample ID: SSHS-IRM5A2-SCV54-0.75-1.75
Date Collected: 04/07/23 11:05
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-9
Matrix: Solid
Percent Solids: 74.0

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.27	0.062	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluoropentanoic acid (PFPeA)	ND		0.27	0.055	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluorohexanoic acid (PFHxA)	ND		0.27	0.042	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluoroheptanoic acid (PFHpA)	ND		0.27	0.051	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluorooctanoic acid (PFOA)	**0.099**	**J**	0.27	0.071	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluorononanoic acid (PFNA)	**0.10**	**J**	0.27	0.030	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.27	0.065	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluoroundecanoic acid (PFUnA)	**0.13**	**J**	0.27	0.057	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluorododecanoic acid (PFDoA)	**0.049**	**J**	0.27	0.040	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluorotridecanoic acid (PFTriA)	**0.034**	**J**	0.27	0.028	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.27	0.050	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.27	0.051	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.27	0.039	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.27	0.066	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluorooctanesulfonic acid (PFOS)	**1.5**		0.27	0.058	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.27	0.070	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
Perfluorooctanesulfonamide (FOSA)	ND		0.27	0.045	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.27	0.031	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.27	0.065	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
6:2 FTS	ND		0.27	0.036	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1
8:2 FTS	ND		0.27	0.047	ug/Kg	☼	04/10/23 19:41	04/12/23 10:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*41*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
13C5 PFPeA	*81*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
13C2 PFHxA	*85*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
13C4 PFHpA	*78*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
13C4 PFOA	*85*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
13C5 PFNA	*93*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
13C2 PFDA	*109*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
13C2 PFUnA	*100*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
13C2 PFDoA	*103*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
13C2 PFTeDA	*97*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
13C3 PFBS	*81*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
18O2 PFHxS	*85*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
13C4 PFOS	*99*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
13C8 FOSA	*106*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
d3-NMeFOSAA	*99*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
d5-NEtFOSAA	*101*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
M2-6:2 FTS	*81*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*
M2-8:2 FTS	*122*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:10*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-2

Client Sample ID: SSHS-IRM5A2-SCV56-0-0.67
Date Collected: 04/07/23 11:25
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-13
Matrix: Solid
Percent Solids: 73.1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.27	0.061	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluoropentanoic acid (PFPeA)	**0.19**	**J**	0.27	0.055	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluorohexanoic acid (PFHxA)	ND		0.27	0.041	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluoroheptanoic acid (PFHpA)	**0.090**	**J**	0.27	0.051	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluorooctanoic acid (PFOA)	**0.33**		0.27	0.071	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluorononanoic acid (PFNA)	**0.27**		0.27	0.029	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluorodecanoic acid (PFDA)	**0.16**	**J**	0.27	0.064	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluoroundecanoic acid (PFUnA)	**0.18**	**J**	0.27	0.056	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluorododecanoic acid (PFDoA)	**0.069**	**J**	0.27	0.040	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluorotridecanoic acid (PFTriA)	**0.064**	**J**	0.27	0.028	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.27	0.049	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.27	0.051	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.27	0.039	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.27	0.065	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluorooctanesulfonic acid (PFOS)	**1.2**		0.27	0.057	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.27	0.069	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
Perfluorooctanesulfonamide (FOSA)	ND		0.27	0.044	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.27	0.031	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.27	0.064	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
6:2 FTS	ND		0.27	0.036	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1
8:2 FTS	ND		0.27	0.047	ug/Kg	☼	04/10/23 19:41	04/12/23 10:20	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*54*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
13C5 PFPeA	*81*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
13C2 PFHxA	*77*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
13C4 PFHpA	*82*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
13C4 PFOA	*82*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
13C5 PFNA	*98*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
13C2 PFDA	*105*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
13C2 PFUnA	*100*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
13C2 PFDoA	*100*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
13C2 PFTeDA	*89*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
13C3 PFBS	*76*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
18O2 PFHxS	*88*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
13C4 PFOS	*92*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
13C8 FOSA	*102*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
d3-NMeFOSAA	*88*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
d5-NEtFOSAA	*105*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
M2-6:2 FTS	*66*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*
M2-8:2 FTS	*119*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:20*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-2

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Date Collected: 04/07/23 11:50
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-19
Matrix: Solid
Percent Solids: 82.4

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.42**		0.24	0.056	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluoropentanoic acid (PFPeA)	ND		0.24	0.050	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluorohexanoic acid (PFHxA)	ND		0.24	0.038	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluoroheptanoic acid (PFHpA)	**0.099**	**J**	0.24	0.046	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluorooctanoic acid (PFOA)	**0.40**		0.24	0.064	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluorononanoic acid (PFNA)	**0.23**	**J**	0.24	0.027	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluorodecanoic acid (PFDA)	**0.24**		0.24	0.058	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluoroundecanoic acid (PFUnA)	**0.24**		0.24	0.051	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluorododecanoic acid (PFDoA)	**0.11**	**J**	0.24	0.036	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluorotridecanoic acid (PFTriA)	**0.085**	**J**	0.24	0.025	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluorotetradecanoic acid (PFTeA)	**0.059**	**J**	0.24	0.045	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.24	0.046	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.24	0.035	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.24	0.059	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluorooctanesulfonic acid (PFOS)	**4.3**		0.24	0.052	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluorodecanesulfonic acid (PFDS)	**0.065**	**J**	0.24	0.063	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
Perfluorooctanesulfonamide (FOSA)	**0.071**	**J**	0.24	0.040	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.24	0.028	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	**0.41**		0.24	0.058	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
6:2 FTS	ND		0.24	0.033	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1
8:2 FTS	ND		0.24	0.042	ug/Kg	☼	04/10/23 19:41	04/12/23 10:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*55*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
13C5 PFPeA	*91*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
13C2 PFHxA	*82*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
13C4 PFHpA	*79*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
13C4 PFOA	*81*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
13C5 PFNA	*94*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
13C2 PFDA	*101*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
13C2 PFUnA	*95*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
13C2 PFDoA	*101*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
13C2 PFTeDA	*89*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
13C3 PFBS	*78*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
18O2 PFHxS	*84*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
13C4 PFOS	*97*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
13C8 FOSA	*98*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
d3-NMeFOSAA	*93*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
d5-NEtFOSAA	*102*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
M2-6:2 FTS	*89*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*
M2-8:2 FTS	*119*		*25 - 150*	*04/10/23 19:41*	*04/12/23 10:31*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-2

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-666751/1-A
Matrix: Solid
Analysis Batch: 667039

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 666751

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
6:2 FTS	ND		0.20	0.027	ug/Kg		04/10/23 19:41	04/12/23 09:19	1
8:2 FTS	ND		0.20	0.035	ug/Kg		04/10/23 19:41	04/12/23 09:19	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*62*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
13C5 PFPeA	*97*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
13C2 PFHxA	*92*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
13C4 PFHpA	*79*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
13C4 PFOA	*86*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
13C5 PFNA	*101*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
13C2 PFDA	*111*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
13C2 PFUnA	*100*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
13C2 PFDoA	*104*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
13C2 PFTeDA	*104*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
13C3 PFBS	*98*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
18O2 PFHxS	*95*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
13C4 PFOS	*94*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
13C8 FOSA	*114*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
d3-NMeFOSAA	*96*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
d5-NEtFOSAA	*108*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
M2-6:2 FTS	*71*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*
M2-8:2 FTS	*109*		*25 - 150*	*04/10/23 19:41*	*04/12/23 09:19*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-666751/2-A
Matrix: Solid
Analysis Batch: 667039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666751

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	2.30		ug/Kg		115	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	1.81		ug/Kg		91	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	2.42		ug/Kg		121	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.55		ug/Kg		128	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.07		ug/Kg		104	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.11		ug/Kg		105	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	1.99		ug/Kg		100	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.09		ug/Kg		105	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.06		ug/Kg		103	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	1.93		ug/Kg		96	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.12		ug/Kg		106	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.84		ug/Kg		104	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.73		ug/Kg		95	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	2.01		ug/Kg		105	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	1.79		ug/Kg		96	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	2.01		ug/Kg		104	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.21		ug/Kg		111	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.13		ug/Kg		106	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.04		ug/Kg		102	72 - 132
6:2 FTS	1.90	1.98		ug/Kg		104	73 - 139
8:2 FTS	1.92	1.64		ug/Kg		85	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*53*		*25 - 150*
13C5 PFPeA	*97*		*25 - 150*
13C2 PFHxA	*81*		*25 - 150*
13C4 PFHpA	*79*		*25 - 150*
13C4 PFOA	*90*		*25 - 150*
13C5 PFNA	*102*		*25 - 150*
13C2 PFDA	*108*		*25 - 150*
13C2 PFUnA	*101*		*25 - 150*
13C2 PFDoA	*101*		*25 - 150*
13C2 PFTeDA	*98*		*25 - 150*
13C3 PFBS	*88*		*25 - 150*
18O2 PFHxS	*93*		*25 - 150*
13C4 PFOS	*99*		*25 - 150*
13C8 FOSA	*102*		*25 - 150*
d3-NMeFOSAA	*91*		*25 - 150*
d5-NEtFOSAA	*101*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-666751/2-A
Matrix: Solid
Analysis Batch: 667039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 666751

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	*77*		*25 - 150*
M2-8:2 FTS	*106*		*25 - 150*

Lab Sample ID: 180-154813-19 MS
Matrix: Solid
Analysis Batch: 667039

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Prep Type: Total/NA
Prep Batch: 666751

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.42		2.41	2.70		ug/Kg	☼	94	76 - 136
Perfluoropentanoic acid (PFPeA)	ND		2.41	2.44		ug/Kg	☼	96	69 - 129
Perfluorohexanoic acid (PFHxA)	ND		2.41	2.52		ug/Kg	☼	101	71 - 131
Perfluoroheptanoic acid (PFHpA)	0.099	J	2.41	2.73		ug/Kg	☼	109	71 - 131
Perfluorooctanoic acid (PFOA)	0.40		2.41	2.95		ug/Kg	☼	106	72 - 132
Perfluorononanoic acid (PFNA)	0.23	J	2.41	2.49		ug/Kg	☼	93	73 - 133
Perfluorodecanoic acid (PFDA)	0.24		2.41	2.93		ug/Kg	☼	112	72 - 132
Perfluoroundecanoic acid (PFUnA)	0.24		2.41	2.76		ug/Kg	☼	105	66 - 126
Perfluorododecanoic acid (PFDoA)	0.11	J	2.41	2.81		ug/Kg	☼	112	71 - 131
Perfluorotridecanoic acid (PFTriA)	0.085	J	2.41	2.62		ug/Kg	☼	105	71 - 131
Perfluorotetradecanoic acid (PFTeA)	0.059	J	2.41	2.70		ug/Kg	☼	110	67 - 127
Perfluorobutanesulfonic acid (PFBS)	ND		2.14	2.23		ug/Kg	☼	104	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	ND		2.20	2.19		ug/Kg	☼	100	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.30	2.23		ug/Kg	☼	97	76 - 136
Perfluorooctanesulfonic acid (PFOS)	4.3		2.24	7.26		ug/Kg	☼	133	68 - 141
Perfluorodecanesulfonic acid (PFDS)	0.065	J	2.32	2.16		ug/Kg	☼	90	71 - 131
Perfluorooctanesulfonamide (FOSA)	0.071	J	2.41	2.68		ug/Kg	☼	108	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.41	2.63		ug/Kg	☼	109	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.41		2.41	2.80		ug/Kg	☼	99	72 - 132
6:2 FTS	ND		2.30	2.23		ug/Kg	☼	97	73 - 139
8:2 FTS	ND		2.32	2.21		ug/Kg	☼	96	75 - 135

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	*44*		*25 - 150*
13C5 PFPeA	*93*		*25 - 150*
13C2 PFHxA	*90*		*25 - 150*
13C4 PFHpA	*78*		*25 - 150*
13C4 PFOA	*79*		*25 - 150*
13C5 PFNA	*100*		*25 - 150*
13C2 PFDA	*100*		*25 - 150*
13C2 PFUnA	*102*		*25 - 150*
13C2 PFDoA	*95*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-154813-19 MS
Matrix: Solid
Analysis Batch: 667039

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Prep Type: Total/NA
Prep Batch: 666751

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2 PFTeDA	87		25 - 150
13C3 PFBS	78		25 - 150
18O2 PFHxS	81		25 - 150
13C4 PFOS	89		25 - 150
13C8 FOSA	104		25 - 150
d3-NMeFOSAA	88		25 - 150
d5-NEtFOSAA	96		25 - 150
M2-6:2 FTS	79		25 - 150
M2-8:2 FTS	122		25 - 150

Lab Sample ID: 180-154813-19 MSD
Matrix: Solid
Analysis Batch: 667039

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Prep Type: Total/NA
Prep Batch: 666751

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.42		2.34	2.62		ug/Kg	☼	94	76 - 136	3	30
Perfluoropentanoic acid (PFPeA)	ND		2.34	2.53		ug/Kg	☼	103	69 - 129	4	30
Perfluorohexanoic acid (PFHxA)	ND		2.34	2.44		ug/Kg	☼	100	71 - 131	3	30
Perfluoroheptanoic acid (PFHpA)	0.099	J	2.34	2.57		ug/Kg	☼	106	71 - 131	6	30
Perfluorooctanoic acid (PFOA)	0.40		2.34	2.66		ug/Kg	☼	97	72 - 132	10	30
Perfluorononanoic acid (PFNA)	0.23	J	2.34	2.53		ug/Kg	☼	98	73 - 133	2	30
Perfluorodecanoic acid (PFDA)	0.24		2.34	2.65		ug/Kg	☼	103	72 - 132	10	30
Perfluoroundecanoic acid (PFUnA)	0.24		2.34	2.48		ug/Kg	☼	96	66 - 126	11	30
Perfluorododecanoic acid (PFDoA)	0.11	J	2.34	2.53		ug/Kg	☼	103	71 - 131	10	30
Perfluorotridecanoic acid (PFTriA)	0.085	J	2.34	2.15		ug/Kg	☼	88	71 - 131	20	30
Perfluorotetradecanoic acid (PFTeA)	0.059	J	2.34	2.49		ug/Kg	☼	104	67 - 127	8	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.08	2.39		ug/Kg	☼	115	69 - 129	7	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.14	1.96		ug/Kg	☼	92	62 - 122	11	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.23	2.08		ug/Kg	☼	93	76 - 136	7	30
Perfluorooctanesulfonic acid (PFOS)	4.3		2.18	6.25		ug/Kg	☼	90	68 - 141	15	30
Perfluorodecanesulfonic acid (PFDS)	0.065	J	2.26	2.10		ug/Kg	☼	90	71 - 131	3	30
Perfluorooctanesulfonamide (FOSA)	0.071	J	2.34	2.65		ug/Kg	☼	110	77 - 137	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.34	2.46		ug/Kg	☼	105	72 - 132	7	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.41		2.34	3.07		ug/Kg	☼	114	72 - 132	9	30
6:2 FTS	ND		2.23	2.10		ug/Kg	☼	94	73 - 139	6	30
8:2 FTS	ND		2.25	1.88		ug/Kg	☼	84	75 - 135	16	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFBA	50		25 - 150
13C5 PFPeA	88		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-154813-19 MSD
Matrix: Solid
Analysis Batch: 667039

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Prep Type: Total/NA
Prep Batch: 666751

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C2 PFHxA	93		25 - 150
13C4 PFHpA	79		25 - 150
13C4 PFOA	91		25 - 150
13C5 PFNA	109		25 - 150
13C2 PFDA	113		25 - 150
13C2 PFUnA	110		25 - 150
13C2 PFDoA	113		25 - 150
13C2 PFTeDA	100		25 - 150
13C3 PFBS	80		25 - 150
18O2 PFHxS	92		25 - 150
13C4 PFOS	101		25 - 150
13C8 FOSA	107		25 - 150
d3-NMeFOSAA	100		25 - 150
d5-NEtFOSAA	107		25 - 150
M2-6:2 FTS	83		25 - 150
M2-8:2 FTS	139		25 - 150

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154813-2
Project/Site: Former Sperry Remington-SCV

LCMS

Prep Batch: 666751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	SHAKE	
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	SHAKE	
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	SHAKE	
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	SHAKE	
MB 320-666751/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-666751/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
180-154813-19 MS	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	SHAKE	
180-154813-19 MSD	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	SHAKE	

Analysis Batch: 667039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	537 (modified)	666751
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	537 (modified)	666751
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	537 (modified)	666751
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	537 (modified)	666751
MB 320-666751/1-A	Method Blank	Total/NA	Solid	537 (modified)	666751
LCS 320-666751/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	666751
180-154813-19 MS	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	537 (modified)	666751
180-154813-19 MSD	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	537 (modified)	666751

Chain of Custody Record

eurofins | Environment Testing TestAmerica

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
			Job #:

Client Information

Client Contact: Mr. Aron Krasnopoler
Company: Geosyntec Consultants, Inc.
Address: 10211 Wincopin Circle 4th Floor
City: Columbia
State, Zip: MD, 21044
Phone: 40-381-4333
Email: akrasnopoler@geosyntec.com
Project Name: Former Sperry Remington Site
Site:

708-248-3888

Due Date Requested:
TAT Requested (days): Standard
PO #: MN0832I
WO #:
Project #: 18013464
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers
			Preservation Code:				N	N	N	N	N	N	
SSHS-IRM5A2-SCV51-0.50-1.50	4/7/23	1030	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV52-0-0.50	4/7/23	1035	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV52-0.50-1.50	4/7/23	1040	G	S	N	N	X	X	X	X			8
SSHS-IRM5A2-SCV53-0-0.50	4/7/23	1045	G	S	N	N	X	X	X	X	X	X	6
SSHS-IRM5A2-SCV53-0.50-1.50	4/7/23	1050	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV54-0-0.17	4/7/23	1055	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV-DUP18	4/7/23	--	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV54-0.17-0.75	4/7/23	1100	G	S	N	N	X	X	X	X			8
SSHS-IRM5A2-SCV54-0.75-1.75	4/7/23	1105	G	S	N	N	X	X	X	X	X	X	6
SSHS-IRM5A2-SCV55-0-0.17	4/7/23	1110	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV55-0.17-1	4/7/23	1115	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV55-1-2	4/7/23	1120	G	S	N	N	X	X	X	X			6

180-154813 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by:	Date/Time: 4/7/2023 1630	Company: Geosyntec	Received by:	Date/Time: 4-8-23 0835	Company: Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Chain of Custody Record

SCV Documentation COC2

eurofins | Environment Testing TestAmerica

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Client Information

Client Contact: Mr. Aron Krasnopoler
Company: Geosyntec Consultants, Inc.
Address: 10211 Wincopin Circle 4th Floor
City: Columbia
State, Zip: MD, 21044
Phone: 40-381-4333
Email: akrasnopcler@geosyntec.com
Project Name: Former Sperry Remington Site
Site:

Sampler: M Stelmach
708-248-3888

Lab PM: Dunlap, David A
E-Mail: david.dunlap@testamericainc.com

Carrier Tracking No(s):

COC No: 180-45857-9656.1
Page: Page 2 of 2
Job #:

Due Date Requested:
TAT Requested (days): Standard
PO #: MN0832I
WO #:
Project #: 18013464
SSOW#:

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV56-0-0.67	4/7/23	1125	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV56-0.67-1.67	4/7/23	1130	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0-0.17	4/7/23	1135	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.17-0.83	4/7/23	1140	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.83-1.83	4/7/23	1145	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP19	4/7/23	--	G	S	N	N	X	X	X	X			6	terracores not received for DUP19 being recollected. D. Dunlap 4/11/23
SSHS-IRM5A2-SCV58-0-0.17	4/7/23	1150	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV58-0.17-0.83	4/7/23	1155	G	S	N	Y	X	X	X	X			16	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by: Mdaid | Date/Time: 4/7/2023 1630 | Company: Geosyntec | Received by: | Date/Time: 4-8-23 0835 | Company

Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company

Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company

Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154813 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N										
SSHS-IRM5A2-SCV51-0.50-1.50	4/7/23	1030	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV52-0-0.50	4/7/23	1035	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV52-0.50-1.50	4/7/23	1040	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV53-0-0.50	4/7/23	1045	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV53-0.50-1.50	4/7/23	1050	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV54-0-0.17	4/7/23	1055	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV-DUP18	4/7/23	--	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV54-0.17-0.75	4/7/23	1100	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV54-0.75-1.75	4/7/23	1105	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV55-0-0.17	4/7/23	1110	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV55-0.17-1	4/7/23	1115	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV55-1-2	4/7/23	1120	G	S	N	N	X	X	X	X									6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Miranda Stelmach	Date/Time: 4/7/23/1630	Company: Geosyntec	Received by: [illegible]	Date/Time: 4-8-23 1092S	Company: EE TSA C
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 117650	Cooler Temperature(s) °C and Other Remarks: 2.5

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4/22/2023

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV56-0-0.67	4/7/23	1125	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV56-0.67-1.67	4/7/23	1130	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0-0.17	4/7/23	1135	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.17-0.83	4/7/23	1140	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.83-1.83	4/7/23	1145	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP19	4/7/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV58-0-0.17	4/7/23	1150	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV58-0.17-0.83	4/7/23	1155	G	S	N	Y	X	X	X	X			16	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	4/7/23/1630	Geosyntec		4-8-23 1009	FEDEX
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 117650 | Cooler Temperature(s) °C and Other Remarks: 2.5

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4/22/2023

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Sacramento
Sample Receiving Notes

180-154813 Field Sheet

Job: _____

Tracking # : 7717 4391 0812

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: L-09 Corr. Factor: (+ / -) 0 °C

Ice ✓ Wet ✓ Gel _____ Other _____

Cooler Custody Seal: 1117650

Cooler ID: —

Temp Observed: 2.5 °C Corrected: 2.5 °C

From: Temp Blank ☑ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: NC Date: 4-8-23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☑	☐
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 4-8-23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☑	☐	☐

Initials: NC Date: 4-8-23

WR3-048



ORIGIN ID:ELMA (240) 936-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
7[illegible] SOUTH MAIN STREET

ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 07APR23
ACTWGT: 50.00 LB
CAD: 252144[illegible]ET4580
DIMS: 30x18x12 IN

BILL SENDER

TO TESTAMERICA LABORATORY

WEST SACRAMENTO
880 RIVERSIDE PKWY
WEST SACRAMENTO CA 95605

(916) 373-5600 REF MN08321
INV 01
PO 39 DEPT 1751

581J3/78CFFE2D

FedEx Express

SATURDAY 12:00P
PRIORITY OVERNIGHT

TRK# 0201 7717 4391 0812

95605
CA-US SMF

X0 BLUA

eurofins | Environment Testing TestAmerica

1117650

DATE

SIGNATURE

12/7/4

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154813-2

Login Number: 154813
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154813-2

Login Number: 154813
List Number: 2
Creator: Cahill, Nicholas P

List Source: Eurofins Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1117650
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 4/22/2023 9:14:34 AM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154916-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



Generated
4/22/2023 9:14:34 AM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-154916-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154916-2

Receipt
The samples were received on 4/12/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 3.1º C, 3.8º C, 4.3º C, 4.6º C, 4.9º C, 5.6º C and 5.8º C.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154916-2
Project/Site: Former Sperry Remington-SCV

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154916-2
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-22-24
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-29-24
Hawaii	State	<cert No.>	01-29-24
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	06-01-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-24
Ohio	State	41252	01-29-24
Oregon	NELAP	4040	01-29-24
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	02-28-26
Utah	NELAP	CA000442021-12	02-28-23 *
Virginia	NELAP	460278	03-14-24
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-31-23
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Solid	04/11/23 10:10	04/12/23 09:30
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Solid	04/11/23 10:25	04/12/23 09:30
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Solid	04/11/23 10:45	04/12/23 09:30
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Solid	04/11/23 11:10	04/12/23 09:30

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-2

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154916-2
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV59-0.17-0.83
Lab Sample ID: 180-154916-3
Date Collected: 04/11/23 10:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.48 g	10.0 mL	667653	04/13/23 20:00	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667798	04/15/23 14:58	RS1	EET SAC
	Instrument ID: A15									

Client Sample ID: SSHS-IRM5A2-SCV60-0.25-1.25
Lab Sample ID: 180-154916-6
Date Collected: 04/11/23 10:25
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.32 g	10.0 mL	667653	04/13/23 20:00	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667798	04/15/23 15:18	RS1	EET SAC
	Instrument ID: A15									

Client Sample ID: SSHS-IRM5A2-SCV62-0-0.33
Lab Sample ID: 180-154916-11
Date Collected: 04/11/23 10:45
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.08 g	10.0 mL	667653	04/13/23 20:00	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667798	04/15/23 15:28	RS1	EET SAC
	Instrument ID: A15									

Client Sample ID: SSHS-IRM5A2-SCV64-0-0.17
Lab Sample ID: 180-154916-16
Date Collected: 04/11/23 11:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.13 g	10.0 mL	667653	04/13/23 20:00	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667798	04/15/23 15:38	RS1	EET SAC
	Instrument ID: A15									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Prep

FX = Fong Xiong

Batch Type: Analysis

RS1 = Rungtip Sanjumnai

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-2

Client Sample ID: SSHS-IRM5A2-SCV59-0.17-0.83
Date Collected: 04/11/23 10:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-3
Matrix: Solid
Percent Solids: 94.8

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.063**	**J**	0.19	0.044	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.039	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.030	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.037	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluorooctanoic acid (PFOA)	**0.057**	**J**	0.19	0.051	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluorononanoic acid (PFNA)	**0.069**	**J**	0.19	0.021	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.046	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.040	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.029	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluorotridecanoic acid (PFTriA)	ND		0.19	0.020	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.19	0.036	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.037	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.028	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.047	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluorooctanesulfonic acid (PFOS)	**0.28**		0.19	0.041	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.050	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
Perfluorooctanesulfonamide (FOSA)	ND		0.19	0.032	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.022	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.046	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
6:2 FTS	ND		0.19	0.026	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1
8:2 FTS	ND		0.19	0.034	ug/Kg	☼	04/13/23 20:00	04/15/23 14:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
13C5 PFPeA	*87*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
13C2 PFHxA	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
13C4 PFHpA	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
13C4 PFOA	*91*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
13C5 PFNA	*88*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
13C2 PFDA	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
13C2 PFUnA	*94*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
13C2 PFDoA	*91*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
13C2 PFTeDA	*95*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
13C3 PFBS	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
18O2 PFHxS	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
13C4 PFOS	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
13C8 FOSA	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
d3-NMeFOSAA	*89*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
d5-NEtFOSAA	*99*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
M2-6:2 FTS	*100*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*
M2-8:2 FTS	*129*		*25 - 150*	*04/13/23 20:00*	*04/15/23 14:58*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-2

Client Sample ID: SSHS-IRM5A2-SCV60-0.25-1.25
Date Collected: 04/11/23 10:25
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-6
Matrix: Solid
Percent Solids: 93.9

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.11**	**J**	0.20	0.046	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluorohexanoic acid (PFHxA)	**0.041**	**J**	0.20	0.031	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluorooctanoic acid (PFOA)	**0.098**	**J**	0.20	0.053	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluorononanoic acid (PFNA)	**0.076**	**J**	0.20	0.022	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluoroundecanoic acid (PFUnA)	**0.062**	**J**	0.20	0.042	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluorooctanesulfonic acid (PFOS)	**0.38**		0.20	0.043	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
6:2 FTS	ND		0.20	0.027	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1
8:2 FTS	ND		0.20	0.035	ug/Kg	☼	04/13/23 20:00	04/15/23 15:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
13C5 PFPeA	*78*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
13C2 PFHxA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
13C4 PFHpA	*83*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
13C4 PFOA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
13C5 PFNA	*79*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
13C2 PFDA	*83*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
13C2 PFUnA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
13C2 PFDoA	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
13C2 PFTeDA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
13C3 PFBS	*69*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
18O2 PFHxS	*67*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
13C4 PFOS	*69*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
13C8 FOSA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
d3-NMeFOSAA	*72*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
d5-NEtFOSAA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
M2-6:2 FTS	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*
M2-8:2 FTS	*96*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:18*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-2

Client Sample ID: SSHS-IRM5A2-SCV62-0-0.33
Date Collected: 04/11/23 10:45
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-11
Matrix: Solid
Percent Solids: 84.8

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.24**		0.23	0.053	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluoropentanoic acid (PFPeA)	**0.16**	**J**	0.23	0.048	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluorohexanoic acid (PFHxA)	**0.12**	**J**	0.23	0.036	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluoroheptanoic acid (PFHpA)	**0.10**	**J**	0.23	0.044	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluorooctanoic acid (PFOA)	**0.21**	**J**	0.23	0.062	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluorononanoic acid (PFNA)	**0.15**	**J**	0.23	0.026	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluorodecanoic acid (PFDA)	**0.15**	**J**	0.23	0.056	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluoroundecanoic acid (PFUnA)	**0.16**	**J**	0.23	0.049	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluorododecanoic acid (PFDoA)	**0.069**	**J**	0.23	0.035	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluorotridecanoic acid (PFTriA)	**0.068**	**J**	0.23	0.024	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluorotetradecanoic acid (PFTeA)	**0.048**	**J**	0.23	0.043	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.23	0.044	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.23	0.034	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.23	0.057	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluorooctanesulfonic acid (PFOS)	**0.97**		0.23	0.050	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluorodecanesulfonic acid (PFDS)	**0.18**	**J**	0.23	0.060	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
Perfluorooctanesulfonamide (FOSA)	ND		0.23	0.038	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.23	0.027	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.23	0.056	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
6:2 FTS	**0.48**		0.23	0.031	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1
8:2 FTS	ND		0.23	0.041	ug/Kg	☼	04/13/23 20:00	04/15/23 15:28	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*76*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
13C5 PFPeA	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
13C2 PFHxA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
13C4 PFHpA	*77*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
13C4 PFOA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
13C5 PFNA	*79*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
13C2 PFDA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
13C2 PFUnA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
13C2 PFDoA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
13C2 PFTeDA	*76*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
13C3 PFBS	*69*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
18O2 PFHxS	*71*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
13C4 PFOS	*72*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
13C8 FOSA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
d3-NMeFOSAA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
d5-NEtFOSAA	*88*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
M2-6:2 FTS	*93*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*
M2-8:2 FTS	*97*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:28*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-2

Client Sample ID: SSHS-IRM5A2-SCV64-0-0.17
Date Collected: 04/11/23 11:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-16
Matrix: Solid
Percent Solids: 79.1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.59**		0.25	0.057	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluoropentanoic acid (PFPeA)	**0.29**		0.25	0.051	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluorohexanoic acid (PFHxA)	**0.22**	**J**	0.25	0.038	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluoroheptanoic acid (PFHpA)	**0.16**	**J**	0.25	0.047	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluorooctanoic acid (PFOA)	**0.37**		0.25	0.065	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluorononanoic acid (PFNA)	**0.17**	**J**	0.25	0.027	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.25	0.059	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluoroundecanoic acid (PFUnA)	**0.10**	**J**	0.25	0.052	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluorododecanoic acid (PFDoA)	**0.051**	**J**	0.25	0.037	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluorotridecanoic acid (PFTriA)	**0.043**	**J**	0.25	0.026	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.25	0.046	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.25	0.047	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluorohexanesulfonic acid (PFHxS)	**0.040**	**J**	0.25	0.036	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.25	0.060	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluorooctanesulfonic acid (PFOS)	**0.86**		0.25	0.053	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.25	0.064	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
Perfluorooctanesulfonamide (FOSA)	ND		0.25	0.041	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.25	0.028	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.25	0.059	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
6:2 FTS	ND		0.25	0.033	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1
8:2 FTS	ND		0.25	0.043	ug/Kg	☼	04/13/23 20:00	04/15/23 15:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
13C5 PFPeA	*77*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
13C2 PFHxA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
13C4 PFHpA	*78*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
13C4 PFOA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
13C5 PFNA	*79*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
13C2 PFDA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
13C2 PFUnA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
13C2 PFDoA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
13C2 PFTeDA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
13C3 PFBS	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
18O2 PFHxS	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
13C4 PFOS	*75*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
13C8 FOSA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
d3-NMeFOSAA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
d5-NEtFOSAA	*93*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
M2-6:2 FTS	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*
M2-8:2 FTS	*109*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:38*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-667653/1-A
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 667653

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
6:2 FTS	ND		0.20	0.027	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
8:2 FTS	ND		0.20	0.035	ug/Kg		04/13/23 20:00	04/15/23 13:27	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C5 PFPeA	*89*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFHxA	*87*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C4 PFHpA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C4 PFOA	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C5 PFNA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFDA	*87*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFUnA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFDoA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFTeDA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C3 PFBS	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
18O2 PFHxS	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C4 PFOS	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C8 FOSA	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
d3-NMeFOSAA	*90*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
d5-NEtFOSAA	*90*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
M2-6:2 FTS	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
M2-8:2 FTS	*104*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-667653/2-A
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 667653

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	2.14		ug/Kg		107	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	2.15		ug/Kg		108	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	2.08		ug/Kg		104	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.22		ug/Kg		111	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.17		ug/Kg		109	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.23		ug/Kg		111	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	2.37		ug/Kg		119	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.17		ug/Kg		109	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.15		ug/Kg		107	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	2.07		ug/Kg		104	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.16		ug/Kg		108	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.93		ug/Kg		109	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	2.06		ug/Kg		113	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	2.24		ug/Kg		117	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	2.00		ug/Kg		108	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	2.08		ug/Kg		108	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.24		ug/Kg		112	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.28		ug/Kg		114	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.32		ug/Kg		116	72 - 132
6:2 FTS	1.90	2.26		ug/Kg		119	73 - 139
8:2 FTS	1.92	2.16		ug/Kg		112	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*84*		*25 - 150*
13C5 PFPeA	*86*		*25 - 150*
13C2 PFHxA	*85*		*25 - 150*
13C4 PFHpA	*87*		*25 - 150*
13C4 PFOA	*91*		*25 - 150*
13C5 PFNA	*86*		*25 - 150*
13C2 PFDA	*85*		*25 - 150*
13C2 PFUnA	*86*		*25 - 150*
13C2 PFDoA	*88*		*25 - 150*
13C2 PFTeDA	*86*		*25 - 150*
13C3 PFBS	*84*		*25 - 150*
18O2 PFHxS	*86*		*25 - 150*
13C4 PFOS	*82*		*25 - 150*
13C8 FOSA	*86*		*25 - 150*
d3-NMeFOSAA	*85*		*25 - 150*
d5-NEtFOSAA	*88*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-667653/2-A
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 667653

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	99		25 - 150
M2-8:2 FTS	112		25 - 150

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154916-2
Project/Site: Former Sperry Remington-SCV

LCMS

Prep Batch: 667653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	SHAKE	
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	SHAKE	
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	SHAKE	
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	SHAKE	
MB 320-667653/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-667653/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 667798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	537 (modified)	667653
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	537 (modified)	667653
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	537 (modified)	667653
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	537 (modified)	667653
MB 320-667653/1-A	Method Blank	Total/NA	Solid	537 (modified)	667653
LCS 320-667653/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	667653

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV58-0.83-1.83	4/11/23	1000	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV59-0-0.17	4/11/23	1005	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV59-0.17-0.83	4/11/23	1010	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV59-0.83-1.83	4/11/23	1015	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV60-0-0.25	4/11/23	1020	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV60-0.25-1.25	4/11/23	1025	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV61-0-0.17	4/11/23	1030	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV61-0.17-0.75	4/11/23	1035	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV61-0.75-1.75	4/11/23	1040	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP20	4/11/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV62-0-0.33	4/11/23	1045	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV62-0.33-1.33	4/11/23	1050	G	S	N	N	X	X	X	X			6	

180-154916 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time: 4/11/23/1800	Company: Geosyntec	Received by	Date/Time: 4-12-23 0930	Company EA Hanks
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV63-0-0.17	4/11/23	1055	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV63-0.17-0.75	4/11/23	1100	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV63-0.75-1.75	4/11/23	1105	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV64-0-0.17	4/11/23	1110	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV64-0.17-0.92	4/11/23	1115	G	S	N	N	X	X	X	X			8	
SSHS-IRM5A2-SCV64-0.92-1.92	4/11/23	1120	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV65-0-0.25	4/11/23	1125	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-DUP21	4/11/23	--	G	S	N	N	X	X	X	X			6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		4/11/23/1800	Geosyntec		4/12/23 0930	EPI TAWE
2	Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.. | Cooler Temperature(s) °C and Other Remarks

Ver: 01/16/2019

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Pittsburgh, PA 15238
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Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

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Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154916 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV58-0.83-1.83	4/11/23	1000	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV59-0-0.17	4/11/23	1005	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV59-0.17-0.83	4/11/23	1010	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV59-0.83-1.83	4/11/23	1015	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV60-0-0.25	4/11/23	1020	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV60-0.25-1.25	4/11/23	1025	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV61-0-0.17	4/11/23	1030	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV61-0.17-0.75	4/11/23	1035	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV61-0.75-1.75	4/11/23	1040	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV-DUP20	4/11/23	--	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV62-0-0.33	4/11/23	1045	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV62-0.33-1.33	4/11/23	1050	G	S	N	N	X	X	X	X										6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/11/23 1800	Company: Geosyntec	Received by:	Date/Time: 4/12/23 930	Company: EE Sac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 186254 | Cooler Temperature(s) °C and Other Remarks: 4.6

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4/22/2023

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV63-0-0.17	4/11/23	1055	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV63-0.17-0.75	4/11/23	1100	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV63-0.75-1.75	4/11/23	1105	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV64-0-0.17	4/11/23	1110	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV64-0.17-0.92	4/11/23	1115	G	S	N	N	X	X	X	X			8	
SSHS-IRM5A2-SCV64-0.92-1.92	4/11/23	1120	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV65-0-0.25	4/11/23	1125	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-DUP21	4/11/23	--	G	S	N	N	X	X	X	X			6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/11/23 1600	Company: Geosyntec	Received by:	Date/Time: 4/12/23 930	Company: EET Sac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.4

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4/22/2023

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Sacramento Sample Receiving Notes


180-154916 Field Sheet

Job: _____

Tracking # : 777 8877 2015

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: L10 Corr. Factor: (+ / -) _____ °C

Ice ____ Wet ____ Gel ____ Other ____

Cooler Custody Seal: 18692354

Cooler ID: —

Temp Observed: 4.6 °C Corrected: 4.6 °C

From: Temp Blank ☑ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 4/12/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☑	☐
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☑	☐
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☑	☐
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: JF Date: 4-12-23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☑	☐	☐

Initials: JF Date: 4-12-23

WR305A

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154916-2

Login Number: 154916
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154916-2

Login Number: 154916
List Number: 2
Creator: Pratali, Sandra A

List Source: Eurofins Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1869254
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 4/22/2023 9:24:46 AM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154918-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Eurofins Pittsburgh

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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4/22/2023 9:24:46 AM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-154918-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154918-2

Receipt
The samples were received on 4/12/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 3.1º C, 3.8º C, 4.3º C, 4.6º C, 4.9º C, 5.6º C and 5.8º C.

LCMS
Method 537 (modified): Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for the following sample: SSHS-IRM5A2-SCV78-0-0.42 (180-154918-11). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154918-2
Project/Site: Former Sperry Remington-SCV

Qualifiers

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154918-2
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-22-24
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-29-24
Hawaii	State	<cert No.>	01-29-24
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	06-01-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-24
Ohio	State	41252	01-29-24
Oregon	NELAP	4040	01-29-24
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	02-28-26
Utah	NELAP	CA000442021-12	02-28-23 *
Virginia	NELAP	460278	03-14-24
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-31-23
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Solid	04/11/23 11:30	04/12/23 09:30
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Solid	04/11/23 11:45	04/12/23 09:30
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Solid	04/11/23 12:00	04/12/23 09:30
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Solid	04/11/23 13:15	04/12/23 09:30
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Solid	04/11/23 13:35	04/12/23 09:30
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Solid	04/11/23 13:55	04/12/23 09:30

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-2

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-2

Client Sample ID: SSHS-IRM5A2-SCV65-0.25-1.25

Lab Sample ID: 180-154918-1
Date Collected: 04/11/23 11:30
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.26 g	10.0 mL	667653	04/13/23 20:00	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667798	04/15/23 15:49	RS1	EET SAC
	Instrument ID: A15									

Client Sample ID: SSHS-IRM5A2-SCV75-0-0.42

Lab Sample ID: 180-154918-4
Date Collected: 04/11/23 11:45
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 74.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.14 g	10.0 mL	667653	04/13/23 20:00	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667798	04/15/23 15:59	RS1	EET SAC
	Instrument ID: A15									

Client Sample ID: SSHS-IRM5A2-SCV76-0.67-1.67

Lab Sample ID: 180-154918-7
Date Collected: 04/11/23 12:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.37 g	10.0 mL	667653	04/13/23 20:00	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667798	04/15/23 16:09	RS1	EET SAC
	Instrument ID: A15									

Client Sample ID: SSHS-IRM5A2-SCV78-0-0.42

Lab Sample ID: 180-154918-11
Date Collected: 04/11/23 13:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.14 g	10.0 mL	667653	04/13/23 20:00	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667798	04/15/23 16:19	RS1	EET SAC
	Instrument ID: A15									

Client Sample ID: SSHS-IRM5A2-SCV80-0-0.17

Lab Sample ID: 180-154918-15
Date Collected: 04/11/23 13:35
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.31 g	10.0 mL	667653	04/13/23 20:00	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667798	04/15/23 16:29	RS1	EET SAC
	Instrument ID: A15									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154918-2
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV81-0.17-0.83
Lab Sample ID: 180-154918-19
Date Collected: 04/11/23 13:55
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.38 g	10.0 mL	667653	04/13/23 20:00	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667798	04/15/23 16:39	RS1	EET SAC
	Instrument ID: A15									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Prep

FX = Fong Xiong

Batch Type: Analysis

RS1 = Rungtip Sanjumnai

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-2

Client Sample ID: SSHS-IRM5A2-SCV65-0.25-1.25
Date Collected: 04/11/23 11:30
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-1
Matrix: Solid
Percent Solids: 90.4

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.10**	**J**	0.21	0.048	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluoropentanoic acid (PFPeA)	ND		0.21	0.043	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluorohexanoic acid (PFHxA)	ND		0.21	0.033	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluoroheptanoic acid (PFHpA)	ND		0.21	0.040	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluorooctanoic acid (PFOA)	**0.10**	**J**	0.21	0.056	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluorononanoic acid (PFNA)	**0.081**	**J**	0.21	0.023	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluorodecanoic acid (PFDA)	**0.055**	**J**	0.21	0.050	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluoroundecanoic acid (PFUnA)	ND		0.21	0.044	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluorododecanoic acid (PFDoA)	ND		0.21	0.032	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluorotridecanoic acid (PFTriA)	ND		0.21	0.022	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.21	0.039	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.21	0.040	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.21	0.030	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.21	0.052	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluorooctanesulfonic acid (PFOS)	**0.42**		0.21	0.045	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.21	0.055	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
Perfluorooctanesulfonamide (FOSA)	ND		0.21	0.035	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.21	0.024	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.21	0.050	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
6:2 FTS	ND		0.21	0.028	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1
8:2 FTS	ND		0.21	0.037	ug/Kg	☼	04/13/23 20:00	04/15/23 15:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
13C5 PFPeA	*78*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
13C2 PFHxA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
13C4 PFHpA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
13C4 PFOA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
13C5 PFNA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
13C2 PFDA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
13C2 PFUnA	*90*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
13C2 PFDoA	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
13C2 PFTeDA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
13C3 PFBS	*69*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
18O2 PFHxS	*72*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
13C4 PFOS	*72*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
13C8 FOSA	*88*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
d3-NMeFOSAA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
d5-NEtFOSAA	*83*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
M2-6:2 FTS	*97*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*
M2-8:2 FTS	*112*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:49*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-2

Client Sample ID: SSHS-IRM5A2-SCV75-0-0.42
Date Collected: 04/11/23 11:45
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-4
Matrix: Solid
Percent Solids: 74.7

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.74**		0.26	0.060	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluoropentanoic acid (PFPeA)	**0.27**		0.26	0.053	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluorohexanoic acid (PFHxA)	**0.21**	**J**	0.26	0.040	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluoroheptanoic acid (PFHpA)	**0.23**	**J**	0.26	0.049	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluorooctanoic acid (PFOA)	**0.69**		0.26	0.069	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluorononanoic acid (PFNA)	**0.26**		0.26	0.029	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluorodecanoic acid (PFDA)	**0.16**	**J**	0.26	0.063	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluoroundecanoic acid (PFUnA)	**0.17**	**J**	0.26	0.055	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluorododecanoic acid (PFDoA)	**0.085**	**J**	0.26	0.039	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluorotridecanoic acid (PFTriA)	**0.069**	**J**	0.26	0.027	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.26	0.048	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluorobutanesulfonic acid (PFBS)	**0.063**	**J**	0.26	0.049	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluorohexanesulfonic acid (PFHxS)	**0.077**	**J**	0.26	0.038	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.26	0.064	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluorooctanesulfonic acid (PFOS)	**1.3**		0.26	0.056	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.26	0.068	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
Perfluorooctanesulfonamide (FOSA)	ND		0.26	0.043	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.26	0.030	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.26	0.063	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
6:2 FTS	ND		0.26	0.035	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1
8:2 FTS	ND		0.26	0.046	ug/Kg	☼	04/13/23 20:00	04/15/23 15:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
13C5 PFPeA	*79*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
13C2 PFHxA	*78*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
13C4 PFHpA	*77*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
13C4 PFOA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
13C5 PFNA	*79*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
13C2 PFDA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
13C2 PFUnA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
13C2 PFDoA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
13C2 PFTeDA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
13C3 PFBS	*69*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
18O2 PFHxS	*70*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
13C4 PFOS	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
13C8 FOSA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
d3-NMeFOSAA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
d5-NEtFOSAA	*90*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
M2-6:2 FTS	*96*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*
M2-8:2 FTS	*100*		*25 - 150*	*04/13/23 20:00*	*04/15/23 15:59*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-2

Client Sample ID: SSHS-IRM5A2-SCV76-0.67-1.67
Date Collected: 04/11/23 12:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-7
Matrix: Solid
Percent Solids: 83.5

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.11**	**J**	0.22	0.051	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluoropentanoic acid (PFPeA)	ND		0.22	0.046	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluorohexanoic acid (PFHxA)	ND		0.22	0.035	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluoroheptanoic acid (PFHpA)	ND		0.22	0.042	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluorooctanoic acid (PFOA)	**0.10**	**J**	0.22	0.059	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluorononanoic acid (PFNA)	**0.046**	**J**	0.22	0.025	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluorodecanoic acid (PFDA)	ND		0.22	0.054	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluoroundecanoic acid (PFUnA)	ND		0.22	0.047	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluorododecanoic acid (PFDoA)	ND		0.22	0.033	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluorotridecanoic acid (PFTriA)	ND		0.22	0.023	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.042	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.055	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluorooctanesulfonic acid (PFOS)	**0.24**		0.22	0.048	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.058	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.037	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.026	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.054	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
6:2 FTS	ND		0.22	0.030	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1
8:2 FTS	ND		0.22	0.039	ug/Kg	☼	04/13/23 20:00	04/15/23 16:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
13C5 PFPeA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
13C2 PFHxA	*83*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
13C4 PFHpA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
13C4 PFOA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
13C5 PFNA	*79*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
13C2 PFDA	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
13C2 PFUnA	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
13C2 PFDoA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
13C2 PFTeDA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
13C3 PFBS	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
18O2 PFHxS	*76*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
13C4 PFOS	*76*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
13C8 FOSA	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
d3-NMeFOSAA	*87*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
d5-NEtFOSAA	*94*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
M2-6:2 FTS	*101*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*
M2-8:2 FTS	*113*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:09*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-2

Client Sample ID: SSHS-IRM5A2-SCV78-0-0.42

Date Collected: 04/11/23 13:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-11

Matrix: Solid
Percent Solids: 72.6

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.55**		0.27	0.062	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluoropentanoic acid (PFPeA)	**0.067**	**J**	0.27	0.055	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluorohexanoic acid (PFHxA)	ND		0.27	0.042	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluoroheptanoic acid (PFHpA)	ND		0.27	0.051	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluorooctanoic acid (PFOA)	**0.19**	**J**	0.27	0.071	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluorononanoic acid (PFNA)	**0.20**	**J**	0.27	0.029	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluorodecanoic acid (PFDA)	**0.097**	**J**	0.27	0.064	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluoroundecanoic acid (PFUnA)	**0.099**	**J**	0.27	0.056	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluorododecanoic acid (PFDoA)	**0.041**	**J**	0.27	0.040	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluorotridecanoic acid (PFTriA)	**0.038**	**J**	0.27	0.028	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.27	0.050	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.27	0.051	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluorohexanesulfonic acid (PFHxS)	**0.041**	**J**	0.27	0.039	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.27	0.066	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluorooctanesulfonic acid (PFOS)	**1.1**		0.27	0.058	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.27	0.070	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
Perfluorooctanesulfonamide (FOSA)	ND		0.27	0.044	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.27	0.031	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.27	0.064	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
6:2 FTS	ND		0.27	0.036	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1
8:2 FTS	ND		0.27	0.047	ug/Kg	☼	04/13/23 20:00	04/15/23 16:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*73*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
13C5 PFPeA	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
13C2 PFHxA	*77*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
13C4 PFHpA	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
13C4 PFOA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
13C5 PFNA	*78*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
13C2 PFDA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
13C2 PFUnA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
13C2 PFDoA	*77*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
13C2 PFTeDA	*75*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
13C3 PFBS	*71*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
18O2 PFHxS	*73*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
13C4 PFOS	*71*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
13C8 FOSA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
d3-NMeFOSAA	*91*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
d5-NEtFOSAA	*99*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
M2-6:2 FTS	*153*	**5+*	*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*
M2-8:2 FTS	*149*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:19*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-2

Client Sample ID: SSHS-IRM5A2-SCV80-0-0.17
Date Collected: 04/11/23 13:35
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-15
Matrix: Solid
Percent Solids: 78.6

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.31**		0.24	0.055	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluoropentanoic acid (PFPeA)	**0.075**	**J**	0.24	0.049	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluorohexanoic acid (PFHxA)	**0.051**	**J**	0.24	0.037	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluoroheptanoic acid (PFHpA)	**0.092**	**J**	0.24	0.046	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluorooctanoic acid (PFOA)	**0.23**	**J**	0.24	0.064	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluorononanoic acid (PFNA)	**0.30**		0.24	0.026	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluorodecanoic acid (PFDA)	**0.24**		0.24	0.058	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluoroundecanoic acid (PFUnA)	**0.20**	**J**	0.24	0.050	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluorododecanoic acid (PFDoA)	**0.11**	**J**	0.24	0.036	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluorotridecanoic acid (PFTriA)	**0.057**	**J**	0.24	0.025	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluorotetradecanoic acid (PFTeA)	**0.069**	**J**	0.24	0.044	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.24	0.046	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.24	0.035	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.24	0.059	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluorooctanesulfonic acid (PFOS)	**1.5**		0.24	0.052	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.24	0.062	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
Perfluorooctanesulfonamide (FOSA)	ND		0.24	0.040	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.24	0.028	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.24	0.058	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
6:2 FTS	ND		0.24	0.032	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1
8:2 FTS	ND		0.24	0.042	ug/Kg	☼	04/13/23 20:00	04/15/23 16:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*78*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
13C5 PFPeA	*78*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
13C2 PFHxA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
13C4 PFHpA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
13C4 PFOA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
13C5 PFNA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
13C2 PFDA	*81*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
13C2 PFUnA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
13C2 PFDoA	*77*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
13C2 PFTeDA	*52*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
13C3 PFBS	*75*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
18O2 PFHxS	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
13C4 PFOS	*76*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
13C8 FOSA	*83*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
d3-NMeFOSAA	*72*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
d5-NEtFOSAA	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
M2-6:2 FTS	*96*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*
M2-8:2 FTS	*103*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:29*	*1*

Client: Geosyntec Consultants Inc
Job ID: 180-154918-2
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV81-0.17-0.83
Lab Sample ID: 180-154918-19
Date Collected: 04/11/23 13:55
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 77.9

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.30**		0.24	0.055	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluoropentanoic acid (PFPeA)	**0.082**	**J**	0.24	0.049	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluorohexanoic acid (PFHxA)	**0.078**	**J**	0.24	0.037	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluoroheptanoic acid (PFHpA)	**0.081**	**J**	0.24	0.045	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluorooctanoic acid (PFOA)	**0.26**		0.24	0.063	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluorononanoic acid (PFNA)	**0.26**		0.24	0.026	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluorodecanoic acid (PFDA)	**0.12**	**J**	0.24	0.057	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluoroundecanoic acid (PFUnA)	**0.096**	**J**	0.24	0.050	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluorododecanoic acid (PFDoA)	**0.041**	**J**	0.24	0.036	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluorotridecanoic acid (PFTriA)	**0.034**	**J**	0.24	0.025	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.24	0.044	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.24	0.045	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.24	0.035	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.24	0.058	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluorooctanesulfonic acid (PFOS)	**1.1**		0.24	0.051	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.24	0.062	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
Perfluorooctanesulfonamide (FOSA)	ND		0.24	0.039	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.24	0.027	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.24	0.057	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
6:2 FTS	ND		0.24	0.032	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1
8:2 FTS	ND		0.24	0.042	ug/Kg	☼	04/13/23 20:00	04/15/23 16:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
13C5 PFPeA	*79*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
13C2 PFHxA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
13C4 PFHpA	*79*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
13C4 PFOA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
13C5 PFNA	*77*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
13C2 PFDA	*83*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
13C2 PFUnA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
13C2 PFDoA	*79*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
13C2 PFTeDA	*69*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
13C3 PFBS	*75*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
18O2 PFHxS	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
13C4 PFOS	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
13C8 FOSA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
d3-NMeFOSAA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
d5-NEtFOSAA	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
M2-6:2 FTS	*115*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*
M2-8:2 FTS	*118*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:39*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-667653/1-A
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 667653

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
6:2 FTS	ND		0.20	0.027	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
8:2 FTS	ND		0.20	0.035	ug/Kg		04/13/23 20:00	04/15/23 13:27	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C5 PFPeA	*89*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFHxA	*87*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C4 PFHpA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C4 PFOA	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C5 PFNA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFDA	*87*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFUnA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFDoA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFTeDA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C3 PFBS	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
18O2 PFHxS	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C4 PFOS	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C8 FOSA	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
d3-NMeFOSAA	*90*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
d5-NEtFOSAA	*90*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
M2-6:2 FTS	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
M2-8:2 FTS	*104*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-667653/2-A
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 667653

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	2.14		ug/Kg		107	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	2.15		ug/Kg		108	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	2.08		ug/Kg		104	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.22		ug/Kg		111	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.17		ug/Kg		109	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.23		ug/Kg		111	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	2.37		ug/Kg		119	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.17		ug/Kg		109	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.15		ug/Kg		107	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	2.07		ug/Kg		104	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.16		ug/Kg		108	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.93		ug/Kg		109	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	2.06		ug/Kg		113	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	2.24		ug/Kg		117	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	2.00		ug/Kg		108	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	2.08		ug/Kg		108	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.24		ug/Kg		112	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.28		ug/Kg		114	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.32		ug/Kg		116	72 - 132
6:2 FTS	1.90	2.26		ug/Kg		119	73 - 139
8:2 FTS	1.92	2.16		ug/Kg		112	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*84*		*25 - 150*
13C5 PFPeA	*86*		*25 - 150*
13C2 PFHxA	*85*		*25 - 150*
13C4 PFHpA	*87*		*25 - 150*
13C4 PFOA	*91*		*25 - 150*
13C5 PFNA	*86*		*25 - 150*
13C2 PFDA	*85*		*25 - 150*
13C2 PFUnA	*86*		*25 - 150*
13C2 PFDoA	*88*		*25 - 150*
13C2 PFTeDA	*86*		*25 - 150*
13C3 PFBS	*84*		*25 - 150*
18O2 PFHxS	*86*		*25 - 150*
13C4 PFOS	*82*		*25 - 150*
13C8 FOSA	*86*		*25 - 150*
d3-NMeFOSAA	*85*		*25 - 150*
d5-NEtFOSAA	*88*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-667653/2-A
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 667653

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	99		25 - 150
M2-8:2 FTS	112		25 - 150

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154918-2
Project/Site: Former Sperry Remington-SCV

LCMS

Prep Batch: 667653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	SHAKE	
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	SHAKE	
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	SHAKE	
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	SHAKE	
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	SHAKE	
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	SHAKE	
MB 320-667653/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-667653/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 667798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	537 (modified)	667653
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	537 (modified)	667653
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	537 (modified)	667653
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	537 (modified)	667653
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	537 (modified)	667653
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	537 (modified)	667653
MB 320-667653/1-A	Method Blank	Total/NA	Solid	537 (modified)	667653
LCS 320-667653/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	667653

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

eurofins Environment Testing Tes America

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN08321			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV65-0.25-1.25	4/11/23	1130	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV73-0-0.17	4/11/23	1135	G	S	N	Y	X	X	X	X			16	
SSHS-IRM5A2-SCV73-0.17-1.17	4/11/23	1140	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV75-0-0.42	4/11/23	1145	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV75-0.42-1.42	4/11/23	1150	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV76-0-0.67	4/11/23	1155	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV76-0.67-1.67	4/11/23	1200	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV77-0-0.17	4/11/23	1300	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV77-0.17-0.75	4/11/23	1305	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV77-0.75-1.75	4/11/23	1310	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV78-0-0.42	4/11/23	1315	G	S	N	N	X	X	X	X	X	X	8	

180-154918 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained long

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	4/11/23/1800	Company: Geosyntec	[signature]	4/12/23 0930	[signature]
2	Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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4/27/2023

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

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Environment Testing
TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832l			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N									
SSHS-IRM5A2-SCV78-0.42-1.42	4/11/23	1320	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV79-0-0.58	4/11/23	1325	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV79-0.58-1.58	4/11/23	1330	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV80-0-0.17	4/11/23	1335	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV80-0.17-0.75	4/11/23	1340	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV80-0.75-1.75	4/11/23	1345	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV81-0-0.17	4/11/23	1350	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV81-0.17-0 83	4/11/23	1355	G	S	N	N	X	X	X	X	X	X								8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Mian	4/11/23/1800	Company: Geosyntec		4/12/23 0930	EP/TME
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

eurofins
Environment Testing
TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154918 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV65-0.25-1.25	4/11/23	1130	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV73-0-0.17	4/11/23	1135	G	S	N	Y	X	X	X	X									16	
SSHS-IRM5A2-SCV73-0.17-1.17	4/11/23	1140	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV75-0-0.42	4/11/23	1145	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV75-0.42-1.42	4/11/23	1150	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV76-0-0.67	4/11/23	1155	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV76-0.67-1.67	4/11/23	1200	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV77-0-0.17	4/11/23	1300	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV77-0.17-0.75	4/11/23	1305	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV77-0.75-1.75	4/11/23	1310	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV78-0-0.42	4/11/23	1315	G	S	N	N	X	X	X	X	X	X							8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
1	Min	4/11/23/1800	Geosyntec		4/12/23 930	BET SGC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 1899254	Cooler Temperature(s) °C and Other Remarks: 4.6

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4/27/2023

Ver: 01/16/2019

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Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

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Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV78-0.42-1.42	4/11/23	1320	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV79-0-0.58	4/11/23	1325	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV79-0.58-1.58	4/11/23	1330	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV80-0-0.17	4/11/23	1335	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV80-0.17-0.75	4/11/23	1340	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV80-0.75-1.75	4/11/23	1345	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV81-0-0.17	4/11/23	1350	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV81-0.17-0.83	4/11/23	1355	G	S	N	N	X	X	X	X	X	X	8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Min	Date/Time: 4/11/23 1800	Company: Geosyntec	Received by:	Date/Time: 4/12/23 932	Company: DET Sac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.: 1849759

Cooler Temperature(s) °C and Other Remarks: 4.6

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4/22/2023

Ver: 01/16/2019

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Sacramento
Sample Receiving Notes

180-154918 Field Sheet

Job: _____

Tracking # : 7117 8827 2015

SO / (FO) / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: L10 Corr. Factor: (+ / -) _____ °C

Ice — Wet _____ Gel _____ Other _____

Cooler Custody Seal: 18692354

Cooler ID: —

Temp Observed: 4.6 °C Corrected: 4.6 °C

From: Temp Blank ☑ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JT Date: 4/12/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☑	☐
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☑	☐
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☑	☐
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SP Date: 4-12-23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☐	☑	☐

Initials: SP Date: 4-12-23

WR305A

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154918-2

Login Number: 154918
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154918-2

Login Number: 154918
List Number: 2
Creator: Pratali, Sandra A

List Source: Eurofins Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1869254
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 4/22/2023 9:30:08 AM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154919-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
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Job ID: 180-154919-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154919-2

Receipt
The samples were received on 4/12/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 3.1º C, 3.8º C, 4.3º C, 4.6º C, 4.9º C, 5.6º C and 5.8º C.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154919-2
Project/Site: Former Sperry Remington-SCV

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154919-2
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-22-24
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-29-24
Hawaii	State	<cert No.>	01-29-24
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	06-01-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-23
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-24
Ohio	State	41252	01-29-24
Oregon	NELAP	4040	01-29-24
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	02-28-26
Utah	NELAP	CA000442021-12	02-28-23 *
Virginia	NELAP	460278	03-14-24
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-31-23
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Solid	04/11/23 14:15	04/12/23 09:30

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-2

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154919-2
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75
Lab Sample ID: 180-154919-5
Date Collected: 04/11/23 14:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.33 g	10.0 mL	667653	04/13/23 20:00	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	667798	04/15/23 16:59	RS1	EET SAC
	Instrument ID: A15									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Prep

FX = Fong Xiong

Batch Type: Analysis

RS1 = Rungtip Sanjumnai

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-2

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75
Date Collected: 04/11/23 14:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-5
Matrix: Solid
Percent Solids: 85.0

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.19**	**J**	0.22	0.051	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluoropentanoic acid (PFPeA)	**0.051**	**J**	0.22	0.045	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluorohexanoic acid (PFHxA)	**0.044**	**J**	0.22	0.034	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluoroheptanoic acid (PFHpA)	**0.060**	**J**	0.22	0.042	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluorooctanoic acid (PFOA)	**0.20**	**J**	0.22	0.058	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluorononanoic acid (PFNA)	**0.12**	**J**	0.22	0.024	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluorodecanoic acid (PFDA)	**0.093**	**J**	0.22	0.053	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluoroundecanoic acid (PFUnA)	**0.051**	**J**	0.22	0.046	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluorododecanoic acid (PFDoA)	**0.037**	**J**	0.22	0.033	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluorotridecanoic acid (PFTriA)	ND		0.22	0.023	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.22	0.041	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.22	0.042	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.22	0.032	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.22	0.054	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluorooctanesulfonic acid (PFOS)	**0.67**		0.22	0.047	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.22	0.057	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
Perfluorooctanesulfonamide (FOSA)	ND		0.22	0.036	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.22	0.025	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.22	0.053	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
6:2 FTS	ND		0.22	0.030	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1
8:2 FTS	ND		0.22	0.039	ug/Kg	☼	04/13/23 20:00	04/15/23 16:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*78*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
13C5 PFPeA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
13C2 PFHxA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
13C4 PFHpA	*83*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
13C4 PFOA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
13C5 PFNA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
13C2 PFDA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
13C2 PFUnA	*80*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
13C2 PFDoA	*77*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
13C2 PFTeDA	*65*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
13C3 PFBS	*75*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
18O2 PFHxS	*74*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
13C4 PFOS	*73*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
13C8 FOSA	*67*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
d3-NMeFOSAA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
d5-NEtFOSAA	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
M2-6:2 FTS	*99*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*
M2-8:2 FTS	*110*		*25 - 150*	*04/13/23 20:00*	*04/15/23 16:59*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-667653/1-A
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 667653

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
Perfluorooctanesulfonamide (FOSA)	ND		0.20	0.033	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
6:2 FTS	ND		0.20	0.027	ug/Kg		04/13/23 20:00	04/15/23 13:27	1
8:2 FTS	ND		0.20	0.035	ug/Kg		04/13/23 20:00	04/15/23 13:27	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*82*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C5 PFPeA	*89*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFHxA	*87*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C4 PFHpA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C4 PFOA	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C5 PFNA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFDA	*87*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFUnA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFDoA	*84*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C2 PFTeDA	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C3 PFBS	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
18O2 PFHxS	*85*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C4 PFOS	*86*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
13C8 FOSA	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
d3-NMeFOSAA	*90*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
d5-NEtFOSAA	*90*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
M2-6:2 FTS	*92*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*
M2-8:2 FTS	*104*		*25 - 150*	*04/13/23 20:00*	*04/15/23 13:27*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-667653/2-A
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 667653

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	2.14		ug/Kg		107	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	2.15		ug/Kg		108	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	2.08		ug/Kg		104	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.22		ug/Kg		111	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.17		ug/Kg		109	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.23		ug/Kg		111	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	2.37		ug/Kg		119	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.17		ug/Kg		109	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.15		ug/Kg		107	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	2.07		ug/Kg		104	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.16		ug/Kg		108	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.93		ug/Kg		109	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	2.06		ug/Kg		113	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	2.24		ug/Kg		117	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	2.00		ug/Kg		108	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	2.08		ug/Kg		108	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.24		ug/Kg		112	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.28		ug/Kg		114	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.32		ug/Kg		116	72 - 132
6:2 FTS	1.90	2.26		ug/Kg		119	73 - 139
8:2 FTS	1.92	2.16		ug/Kg		112	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*84*		*25 - 150*
13C5 PFPeA	*86*		*25 - 150*
13C2 PFHxA	*85*		*25 - 150*
13C4 PFHpA	*87*		*25 - 150*
13C4 PFOA	*91*		*25 - 150*
13C5 PFNA	*86*		*25 - 150*
13C2 PFDA	*85*		*25 - 150*
13C2 PFUnA	*86*		*25 - 150*
13C2 PFDoA	*88*		*25 - 150*
13C2 PFTeDA	*86*		*25 - 150*
13C3 PFBS	*84*		*25 - 150*
18O2 PFHxS	*86*		*25 - 150*
13C4 PFOS	*82*		*25 - 150*
13C8 FOSA	*86*		*25 - 150*
d3-NMeFOSAA	*85*		*25 - 150*
d5-NEtFOSAA	*88*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-667653/2-A
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 667653

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	*99*		*25 - 150*
M2-8:2 FTS	*112*		*25 - 150*

Lab Sample ID: 180-154919-5 MS
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75
Prep Type: Total/NA
Prep Batch: 667653

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.19	J	2.25	2.55		ug/Kg	☼	105	76 - 136
Perfluoropentanoic acid (PFPeA)	0.051	J	2.25	2.44		ug/Kg	☼	106	69 - 129
Perfluorohexanoic acid (PFHxA)	0.044	J	2.25	2.31		ug/Kg	☼	101	71 - 131
Perfluoroheptanoic acid (PFHpA)	0.060	J	2.25	2.64		ug/Kg	☼	115	71 - 131
Perfluorooctanoic acid (PFOA)	0.20	J	2.25	2.46		ug/Kg	☼	100	72 - 132
Perfluorononanoic acid (PFNA)	0.12	J	2.25	2.62		ug/Kg	☼	111	73 - 133
Perfluorodecanoic acid (PFDA)	0.093	J	2.25	2.68		ug/Kg	☼	115	72 - 132
Perfluoroundecanoic acid (PFUnA)	0.051	J	2.25	2.60		ug/Kg	☼	113	66 - 126
Perfluorododecanoic acid (PFDoA)	0.037	J	2.25	2.46		ug/Kg	☼	108	71 - 131
Perfluorotridecanoic acid (PFTriA)	ND		2.25	2.05		ug/Kg	☼	91	71 - 131
Perfluorotetradecanoic acid (PFTeA)	ND		2.25	2.29		ug/Kg	☼	102	67 - 127
Perfluorobutanesulfonic acid (PFBS)	ND		2.00	2.21		ug/Kg	☼	111	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	ND		2.05	2.32		ug/Kg	☼	113	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.15	2.42		ug/Kg	☼	113	76 - 136
Perfluorooctanesulfonic acid (PFOS)	0.67		2.09	2.86		ug/Kg	☼	104	68 - 141
Perfluorodecanesulfonic acid (PFDS)	ND		2.17	2.23		ug/Kg	☼	103	71 - 131
Perfluorooctanesulfonamide (FOSA)	ND		2.25	2.46		ug/Kg	☼	109	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.25	2.54		ug/Kg	☼	113	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.25	2.47		ug/Kg	☼	110	72 - 132
6:2 FTS	ND		2.14	2.37		ug/Kg	☼	111	73 - 139
8:2 FTS	ND		2.16	2.27		ug/Kg	☼	105	75 - 135

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	*81*		*25 - 150*
13C5 PFPeA	*84*		*25 - 150*
13C2 PFHxA	*87*		*25 - 150*
13C4 PFHpA	*85*		*25 - 150*
13C4 PFOA	*93*		*25 - 150*
13C5 PFNA	*84*		*25 - 150*
13C2 PFDA	*87*		*25 - 150*
13C2 PFUnA	*86*		*25 - 150*
13C2 PFDoA	*82*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-154919-5 MS
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75
Prep Type: Total/NA
Prep Batch: 667653

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2 PFTeDA	58		25 - 150
13C3 PFBS	79		25 - 150
18O2 PFHxS	83		25 - 150
13C4 PFOS	82		25 - 150
13C8 FOSA	78		25 - 150
d3-NMeFOSAA	76		25 - 150
d5-NEtFOSAA	83		25 - 150
M2-6:2 FTS	113		25 - 150
M2-8:2 FTS	115		25 - 150

Lab Sample ID: 180-154919-5 MSD
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75
Prep Type: Total/NA
Prep Batch: 667653

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.19	J	2.27	2.60		ug/Kg	☼	106	76 - 136	2	30
Perfluoropentanoic acid (PFPeA)	0.051	J	2.27	2.45		ug/Kg	☼	106	69 - 129	1	30
Perfluorohexanoic acid (PFHxA)	0.044	J	2.27	2.23		ug/Kg	☼	96	71 - 131	3	30
Perfluoroheptanoic acid (PFHpA)	0.060	J	2.27	2.51		ug/Kg	☼	108	71 - 131	5	30
Perfluorooctanoic acid (PFOA)	0.20	J	2.27	2.70		ug/Kg	☼	110	72 - 132	10	30
Perfluorononanoic acid (PFNA)	0.12	J	2.27	2.64		ug/Kg	☼	111	73 - 133	1	30
Perfluorodecanoic acid (PFDA)	0.093	J	2.27	2.76		ug/Kg	☼	117	72 - 132	3	30
Perfluoroundecanoic acid (PFUnA)	0.051	J	2.27	2.88		ug/Kg	☼	124	66 - 126	10	30
Perfluorododecanoic acid (PFDoA)	0.037	J	2.27	2.45		ug/Kg	☼	106	71 - 131	0	30
Perfluorotridecanoic acid (PFTriA)	ND		2.27	2.14		ug/Kg	☼	94	71 - 131	4	30
Perfluorotetradecanoic acid (PFTeA)	ND		2.27	2.41		ug/Kg	☼	106	67 - 127	5	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.02	2.31		ug/Kg	☼	115	69 - 129	5	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.07	2.33		ug/Kg	☼	112	62 - 122	0	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.17	2.56		ug/Kg	☼	118	76 - 136	5	30
Perfluorooctanesulfonic acid (PFOS)	0.67		2.11	3.01		ug/Kg	☼	111	68 - 141	5	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.19	2.25		ug/Kg	☼	103	71 - 131	1	30
Perfluorooctanesulfonamide (FOSA)	ND		2.27	2.52		ug/Kg	☼	111	77 - 137	2	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.27	2.60		ug/Kg	☼	114	72 - 132	2	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.27	2.46		ug/Kg	☼	108	72 - 132	0	30
6:2 FTS	ND		2.16	2.58		ug/Kg	☼	120	73 - 139	9	30
8:2 FTS	ND		2.18	2.39		ug/Kg	☼	110	75 - 135	5	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFBA	86		25 - 150
13C5 PFPeA	87		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-154919-5 MSD
Matrix: Solid
Analysis Batch: 667798

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75
Prep Type: Total/NA
Prep Batch: 667653

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C2 PFHxA	95		25 - 150
13C4 PFHpA	89		25 - 150
13C4 PFOA	91		25 - 150
13C5 PFNA	87		25 - 150
13C2 PFDA	86		25 - 150
13C2 PFUnA	81		25 - 150
13C2 PFDoA	80		25 - 150
13C2 PFTeDA	59		25 - 150
13C3 PFBS	84		25 - 150
18O2 PFHxS	86		25 - 150
13C4 PFOS	80		25 - 150
13C8 FOSA	70		25 - 150
d3-NMeFOSAA	75		25 - 150
d5-NEtFOSAA	80		25 - 150
M2-6:2 FTS	115		25 - 150
M2-8:2 FTS	114		25 - 150

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154919-2
Project/Site: Former Sperry Remington-SCV

LCMS

Prep Batch: 667653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	SHAKE	
MB 320-667653/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-667653/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
180-154919-5 MS	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	SHAKE	
180-154919-5 MSD	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	SHAKE	

Analysis Batch: 667798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	537 (modified)	667653
MB 320-667653/1-A	Method Blank	Total/NA	Solid	537 (modified)	667653
LCS 320-667653/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	667653
180-154919-5 MS	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	537 (modified)	667653
180-154919-5 MSD	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	537 (modified)	667653

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC3

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Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 1
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N		
SSHS-IRM5A2-SCV81-0.83-1.83	4/11/23	1400	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV82-0-0.17	4/11/23	1405	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP23	4/11/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV82-0.17-0.75	4/11/23	1410	G	S	N	Y	X	X	X	X			16	
SSHS-IRM5A2-SCV82-0.75-1.75	4/11/23	1415	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV86-0-0.17	4/11/23	1420	G	S	N	N	X	X	X	X			6	

180-154919 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	4/11/23 1800	Geosyntec		4/12/23 0930	BP Hunter
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC3

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Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 1
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154919 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV81-0.83-1.83	4/11/23	1400	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV82-0-0.17	4/11/23	1405	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP23	4/11/23	–	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV82-0.17-0.75	4/11/23	1410	G	S	N	Y	X	X	X	X			16	
SSHS-IRM5A2-SCV82-0.75-1.75	4/11/23	1415	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV86-0-0.17	4/11/23	1420	G	S	N	N	X	X	X	X			6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Miranda Ostrum	Date/Time: 4/11/23/1800 MS	Company: Geosyntec	Received by:	Date/Time: 4/12/23 930	Company: FEDEX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 1460254 | Cooler Temperature(s) °C and Other Remarks: 4.6

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4/22/2023

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Sacramento
Sample Receiving Notes

180-154919 Field Sheet

Tracking # : 7117 8827 2015

Job: _____

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: L10 Corr. Factor: (+ / -) _____ °C

Ice: - Wet _____ Gel _____ Other _____

Cooler Custody Seal: 18692354

Cooler ID: -

Temp Observed: 4.6 °C Corrected: 4.6 °C

From: Temp Blank ☑ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JT Date: 4/12/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☑	☐
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☑	☐
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☑	☐
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: JP Date: 4.12.23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS? 4/12/23	☑	☐	☐

Initials: JP Date: 4.12.23

WR305A

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154919-2

Login Number: 154919
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154919-2

Login Number: 154919
List Number: 2
Creator: Pratali, Sandra A

List Source: Eurofins Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1869254
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

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JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154988-2

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-154988-2

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154988-2

Receipt
The samples were received on 4/13/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.8º C, 3.1º C and 3.9º C.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154988-2
Project/Site: Former Sperry Remington-SCV

Qualifiers

LCMS

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154988-2
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-22-24
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-29-24
Hawaii	State	<cert No.>	01-29-24
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	06-01-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-24
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-24
Ohio	State	41252	01-29-24
Oregon	NELAP	4040	01-29-24
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	02-28-26
Utah	NELAP	CA000442021-12	02-28-23 *
Virginia	NELAP	460278	03-14-24
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-31-23
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Solid	04/12/23 14:40	04/13/23 09:30
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Solid	04/12/23 15:00	04/13/23 09:30
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Solid	04/12/23 00:00	04/13/23 09:30
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Solid	04/12/23 15:20	04/13/23 09:30
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Solid	04/12/23 15:40	04/13/23 09:30

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-2

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154988-2
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV87-0-0.17
Lab Sample ID: 180-154988-3
Date Collected: 04/12/23 14:40
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.28 g	10.0 mL	668262	04/17/23 19:45	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	669045	04/20/23 21:57	RS1	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Lab Sample ID: 180-154988-7
Date Collected: 04/12/23 15:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 75.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.28 g	10.0 mL	668262	04/17/23 19:45	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	669045	04/20/23 22:07	RS1	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV-DUP24
Lab Sample ID: 180-154988-8
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.08 g	10.0 mL	668262	04/17/23 19:45	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	669045	04/20/23 22:18	RS1	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV90-0.75-1.75
Lab Sample ID: 180-154988-12
Date Collected: 04/12/23 15:20
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.06 g	10.0 mL	668262	04/17/23 19:45	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	669045	04/20/23 22:28	RS1	EET SAC
	Instrument ID: A24									

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Lab Sample ID: 180-154988-17
Date Collected: 04/12/23 15:40
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			5.37 g	10.0 mL	668262	04/17/23 19:45	FX	EET SAC
Total/NA	Analysis	537 (modified)		1	1 mL	1 mL	669045	04/20/23 22:38	RS1	EET SAC
	Instrument ID: A24									

Laboratory References:
EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-2

Analyst References:

Lab: EET SAC

Batch Type: Prep

FX = Fong Xiong

Batch Type: Analysis

RS1 = Rungtip Sanjumnai

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-2

Client Sample ID: SSHS-IRM5A2-SCV87-0-0.17

Date Collected: 04/12/23 14:40
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-3

Matrix: Solid
Percent Solids: 77.4

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.39**		0.24	0.056	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluoropentanoic acid (PFPeA)	ND		0.24	0.050	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluorohexanoic acid (PFHxA)	**0.057**	**J**	0.24	0.038	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluoroheptanoic acid (PFHpA)	**0.11**	**J**	0.24	0.046	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluorooctanoic acid (PFOA)	**0.22**	**J**	0.24	0.065	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluorononanoic acid (PFNA)	**0.24**		0.24	0.027	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluorodecanoic acid (PFDA)	**0.19**	**J**	0.24	0.059	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluoroundecanoic acid (PFUnA)	**0.14**	**J**	0.24	0.051	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluorododecanoic acid (PFDoA)	**0.075**	**J**	0.24	0.037	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluorotridecanoic acid (PFTriA)	**0.052**	**J**	0.24	0.026	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.24	0.045	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.24	0.046	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.24	0.035	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.24	0.060	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluorooctanesulfonic acid (PFOS)	**0.90**		0.24	0.053	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.24	0.064	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
Perfluorooctanesulfonamide (FOSA)	ND		0.24	0.040	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.24	0.028	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.24	0.059	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
6:2 FTS	**0.045**	**J B**	0.24	0.033	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1
8:2 FTS	ND		0.24	0.043	ug/Kg	☼	04/17/23 19:45	04/20/23 21:57	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*77*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
13C5 PFPeA	*64*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
13C2 PFHxA	*80*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
13C4 PFHpA	*90*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
13C4 PFOA	*77*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
13C5 PFNA	*77*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
13C2 PFDA	*73*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
13C2 PFUnA	*68*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
13C2 PFDoA	*66*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
13C2 PFTeDA	*69*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
13C3 PFBS	*75*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
18O2 PFHxS	*67*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
13C4 PFOS	*74*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
13C8 FOSA	*81*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
d3-NMeFOSAA	*78*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
d5-NEtFOSAA	*91*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
M2-6:2 FTS	*72*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*
M2-8:2 FTS	*82*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:57*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-2

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Date Collected: 04/12/23 15:00
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-7
Matrix: Solid
Percent Solids: 75.6

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.47**		0.25	0.058	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluoropentanoic acid (PFPeA)	ND		0.25	0.051	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluorohexanoic acid (PFHxA)	**0.071**	**J**	0.25	0.039	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluoroheptanoic acid (PFHpA)	**0.099**	**J**	0.25	0.048	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluorooctanoic acid (PFOA)	**0.28**		0.25	0.066	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluorononanoic acid (PFNA)	**0.18**	**J**	0.25	0.028	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluorodecanoic acid (PFDA)	**0.096**	**J**	0.25	0.060	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluoroundecanoic acid (PFUnA)	**0.073**	**J**	0.25	0.053	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluorododecanoic acid (PFDoA)	**0.039**	**J**	0.25	0.038	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluorotridecanoic acid (PFTriA)	**0.030**	**J**	0.25	0.026	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.25	0.046	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.25	0.048	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.25	0.036	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.25	0.061	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluorooctanesulfonic acid (PFOS)	**1.0**		0.25	0.054	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.25	0.065	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
Perfluorooctanesulfonamide (FOSA)	ND		0.25	0.041	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.25	0.029	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.25	0.060	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
6:2 FTS	**0.046**	**J B**	0.25	0.034	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1
8:2 FTS	ND		0.25	0.044	ug/Kg	☼	04/17/23 19:45	04/20/23 22:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*71*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
13C5 PFPeA	*67*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
13C2 PFHxA	*80*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
13C4 PFHpA	*86*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
13C4 PFOA	*82*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
13C5 PFNA	*76*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
13C2 PFDA	*74*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
13C2 PFUnA	*73*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
13C2 PFDoA	*70*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
13C2 PFTeDA	*73*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
13C3 PFBS	*82*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
18O2 PFHxS	*65*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
13C4 PFOS	*72*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
13C8 FOSA	*80*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
d3-NMeFOSAA	*75*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
d5-NEtFOSAA	*76*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
M2-6:2 FTS	*81*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*
M2-8:2 FTS	*83*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:07*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-2

Client Sample ID: SSHS-IRM5A2-SCV-DUP24
Date Collected: 04/12/23 00:00
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-8
Matrix: Solid
Percent Solids: 78.1

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.62**		0.25	0.058	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluoropentanoic acid (PFPeA)	ND		0.25	0.052	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluorohexanoic acid (PFHxA)	**0.11**	**J**	0.25	0.039	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluoroheptanoic acid (PFHpA)	**0.13**	**J**	0.25	0.048	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluorooctanoic acid (PFOA)	**0.34**		0.25	0.067	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluorononanoic acid (PFNA)	**0.20**	**J**	0.25	0.028	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluorodecanoic acid (PFDA)	**0.094**	**J**	0.25	0.061	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluoroundecanoic acid (PFUnA)	**0.094**	**J**	0.25	0.053	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluorododecanoic acid (PFDoA)	**0.042**	**J**	0.25	0.038	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluorotridecanoic acid (PFTriA)	**0.035**	**J**	0.25	0.026	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.25	0.047	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.25	0.048	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.25	0.037	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.25	0.062	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluorooctanesulfonic acid (PFOS)	**1.0**		0.25	0.054	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.25	0.066	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
Perfluorooctanesulfonamide (FOSA)	ND		0.25	0.042	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.25	0.029	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.25	0.061	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
6:2 FTS	ND		0.25	0.034	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1
8:2 FTS	ND		0.25	0.044	ug/Kg	☼	04/17/23 19:45	04/20/23 22:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*73*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
13C5 PFPeA	*68*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
13C2 PFHxA	*76*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
13C4 PFHpA	*81*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
13C4 PFOA	*75*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
13C5 PFNA	*73*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
13C2 PFDA	*76*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
13C2 PFUnA	*76*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
13C2 PFDoA	*69*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
13C2 PFTeDA	*68*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
13C3 PFBS	*79*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
18O2 PFHxS	*61*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
13C4 PFOS	*76*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
13C8 FOSA	*80*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
d3-NMeFOSAA	*77*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
d5-NEtFOSAA	*78*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
M2-6:2 FTS	*79*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*
M2-8:2 FTS	*91*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:18*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-2

Client Sample ID: SSHS-IRM5A2-SCV90-0.75-1.75
Date Collected: 04/12/23 15:20
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-12
Matrix: Solid
Percent Solids: 84.4

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.11**	**J**	0.23	0.054	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluoropentanoic acid (PFPeA)	ND		0.23	0.048	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluorohexanoic acid (PFHxA)	ND		0.23	0.036	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluoroheptanoic acid (PFHpA)	**0.048**	**J**	0.23	0.044	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluorooctanoic acid (PFOA)	**0.12**	**J**	0.23	0.062	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluorononanoic acid (PFNA)	**0.092**	**J**	0.23	0.026	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluorodecanoic acid (PFDA)	ND		0.23	0.056	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluoroundecanoic acid (PFUnA)	ND		0.23	0.049	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluorododecanoic acid (PFDoA)	ND		0.23	0.035	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluorotridecanoic acid (PFTriA)	ND		0.23	0.025	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.23	0.043	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.23	0.044	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.23	0.034	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.23	0.057	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluorooctanesulfonic acid (PFOS)	**1.4**		0.23	0.050	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.23	0.061	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
Perfluorooctanesulfonamide (FOSA)	ND		0.23	0.039	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.23	0.027	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.23	0.056	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
6:2 FTS	ND		0.23	0.032	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1
8:2 FTS	ND		0.23	0.041	ug/Kg	☼	04/17/23 19:45	04/20/23 22:28	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*75*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
13C5 PFPeA	*76*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
13C2 PFHxA	*99*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
13C4 PFHpA	*93*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
13C4 PFOA	*88*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
13C5 PFNA	*78*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
13C2 PFDA	*81*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
13C2 PFUnA	*83*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
13C2 PFDoA	*83*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
13C2 PFTeDA	*78*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
13C3 PFBS	*87*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
18O2 PFHxS	*78*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
13C4 PFOS	*85*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
13C8 FOSA	*93*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
d3-NMeFOSAA	*87*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
d5-NEtFOSAA	*91*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
M2-6:2 FTS	*98*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*
M2-8:2 FTS	*95*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:28*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-2

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Date Collected: 04/12/23 15:40
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-17
Matrix: Solid
Percent Solids: 77.4

Method: EPA 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.10**	**J**	0.24	0.055	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluoropentanoic acid (PFPeA)	ND		0.24	0.049	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluorohexanoic acid (PFHxA)	ND		0.24	0.037	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluoroheptanoic acid (PFHpA)	ND		0.24	0.046	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluorooctanoic acid (PFOA)	ND		0.24	0.064	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluorononanoic acid (PFNA)	**0.047**	**J**	0.24	0.026	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluorodecanoic acid (PFDA)	ND		0.24	0.058	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluoroundecanoic acid (PFUnA)	ND		0.24	0.051	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluorododecanoic acid (PFDoA)	ND		0.24	0.036	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluorotridecanoic acid (PFTriA)	ND		0.24	0.025	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.24	0.045	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.24	0.046	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.24	0.035	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.24	0.059	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluorooctanesulfonic acid (PFOS)	**2.1**		0.24	0.052	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.24	0.063	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
Perfluorooctanesulfonamide (FOSA)	ND		0.24	0.040	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.24	0.028	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.24	0.058	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
6:2 FTS	ND		0.24	0.032	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1
8:2 FTS	ND		0.24	0.042	ug/Kg	☼	04/17/23 19:45	04/20/23 22:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*75*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
13C5 PFPeA	*60*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
13C2 PFHxA	*76*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
13C4 PFHpA	*86*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
13C4 PFOA	*77*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
13C5 PFNA	*76*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
13C2 PFDA	*74*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
13C2 PFUnA	*77*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
13C2 PFDoA	*72*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
13C2 PFTeDA	*71*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
13C3 PFBS	*81*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
18O2 PFHxS	*71*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
13C4 PFOS	*72*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
13C8 FOSA	*81*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
d3-NMeFOSAA	*81*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
d5-NEtFOSAA	*87*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
M2-6:2 FTS	*86*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*
M2-8:2 FTS	*87*		*25 - 150*	*04/17/23 19:45*	*04/20/23 22:38*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-668262/1-A
Matrix: Solid
Analysis Batch: 669045

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 668262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.20	0.046	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.041	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.031	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.038	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.053	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.022	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.048	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.042	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.030	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluorotridecanoic acid (PFTriA)	ND		0.20	0.021	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.037	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.038	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.029	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.049	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.043	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.052	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
Perfluorooctanesulfonamide (FOSA)	0.0696	J	0.20	0.033	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.023	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.048	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
6:2 FTS	0.0507	J	0.20	0.027	ug/Kg		04/17/23 19:45	04/20/23 21:37	1
8:2 FTS	ND		0.20	0.035	ug/Kg		04/17/23 19:45	04/20/23 21:37	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*91*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
13C5 PFPeA	*96*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
13C2 PFHxA	*95*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
13C4 PFHpA	*107*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
13C4 PFOA	*96*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
13C5 PFNA	*93*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
13C2 PFDA	*92*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
13C2 PFUnA	*99*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
13C2 PFDoA	*86*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
13C2 PFTeDA	*103*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
13C3 PFBS	*100*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
18O2 PFHxS	*91*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
13C4 PFOS	*93*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
13C8 FOSA	*100*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
d3-NMeFOSAA	*89*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
d5-NEtFOSAA	*104*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
M2-6:2 FTS	*105*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*
M2-8:2 FTS	*100*		*25 - 150*	*04/17/23 19:45*	*04/20/23 21:37*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-668262/2-A
Matrix: Solid
Analysis Batch: 669045

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	2.04		ug/Kg		102	76 - 136
Perfluoropentanoic acid (PFPeA)	2.00	1.86		ug/Kg		93	69 - 129
Perfluorohexanoic acid (PFHxA)	2.00	2.51		ug/Kg		125	71 - 131
Perfluoroheptanoic acid (PFHpA)	2.00	2.18		ug/Kg		109	71 - 131
Perfluorooctanoic acid (PFOA)	2.00	2.10		ug/Kg		105	72 - 132
Perfluorononanoic acid (PFNA)	2.00	2.32		ug/Kg		116	73 - 133
Perfluorodecanoic acid (PFDA)	2.00	2.36		ug/Kg		118	72 - 132
Perfluoroundecanoic acid (PFUnA)	2.00	2.30		ug/Kg		115	66 - 126
Perfluorododecanoic acid (PFDoA)	2.00	2.16		ug/Kg		108	71 - 131
Perfluorotridecanoic acid (PFTriA)	2.00	2.19		ug/Kg		110	71 - 131
Perfluorotetradecanoic acid (PFTeA)	2.00	2.09		ug/Kg		105	67 - 127
Perfluorobutanesulfonic acid (PFBS)	1.78	1.95		ug/Kg		110	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.92		ug/Kg		105	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.93		ug/Kg		101	76 - 136
Perfluorooctanesulfonic acid (PFOS)	1.86	1.96		ug/Kg		105	68 - 141
Perfluorodecanesulfonic acid (PFDS)	1.93	2.23		ug/Kg		115	71 - 131
Perfluorooctanesulfonamide (FOSA)	2.00	2.16		ug/Kg		108	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.13		ug/Kg		107	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.01		ug/Kg		100	72 - 132
6:2 FTS	1.90	1.82		ug/Kg		95	73 - 139
8:2 FTS	1.92	1.98		ug/Kg		103	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*78*		*25 - 150*
13C5 PFPeA	*89*		*25 - 150*
13C2 PFHxA	*96*		*25 - 150*
13C4 PFHpA	*97*		*25 - 150*
13C4 PFOA	*90*		*25 - 150*
13C5 PFNA	*81*		*25 - 150*
13C2 PFDA	*86*		*25 - 150*
13C2 PFUnA	*80*		*25 - 150*
13C2 PFDoA	*84*		*25 - 150*
13C2 PFTeDA	*89*		*25 - 150*
13C3 PFBS	*94*		*25 - 150*
18O2 PFHxS	*76*		*25 - 150*
13C4 PFOS	*89*		*25 - 150*
13C8 FOSA	*97*		*25 - 150*
d3-NMeFOSAA	*92*		*25 - 150*
d5-NEtFOSAA	*97*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-668262/2-A
Matrix: Solid
Analysis Batch: 669045

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 668262

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	*95*		*25 - 150*
M2-8:2 FTS	*96*		*25 - 150*

Lab Sample ID: 180-154988-17 MS
Matrix: Solid
Analysis Batch: 669045

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 668262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.10	J	2.58	2.56		ug/Kg	☼	95	76 - 136
Perfluoropentanoic acid (PFPeA)	ND		2.58	2.78		ug/Kg	☼	108	69 - 129
Perfluorohexanoic acid (PFHxA)	ND		2.58	2.79		ug/Kg	☼	108	71 - 131
Perfluoroheptanoic acid (PFHpA)	ND		2.58	2.67		ug/Kg	☼	104	71 - 131
Perfluorooctanoic acid (PFOA)	ND		2.58	2.44		ug/Kg	☼	94	72 - 132
Perfluorononanoic acid (PFNA)	0.047	J	2.58	2.81		ug/Kg	☼	107	73 - 133
Perfluorodecanoic acid (PFDA)	ND		2.58	3.04		ug/Kg	☼	118	72 - 132
Perfluoroundecanoic acid (PFUnA)	ND		2.58	2.77		ug/Kg	☼	108	66 - 126
Perfluorododecanoic acid (PFDoA)	ND		2.58	2.76		ug/Kg	☼	107	71 - 131
Perfluorotridecanoic acid (PFTriA)	ND		2.58	2.99		ug/Kg	☼	116	71 - 131
Perfluorotetradecanoic acid (PFTeA)	ND		2.58	2.79		ug/Kg	☼	108	67 - 127
Perfluorobutanesulfonic acid (PFBS)	ND		2.29	2.64		ug/Kg	☼	115	69 - 129
Perfluorohexanesulfonic acid (PFHxS)	ND		2.35	2.41		ug/Kg	☼	102	62 - 122
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.46	2.51		ug/Kg	☼	102	76 - 136
Perfluorooctanesulfonic acid (PFOS)	2.1		2.40	4.12		ug/Kg	☼	85	68 - 141
Perfluorodecanesulfonic acid (PFDS)	ND		2.49	3.00		ug/Kg	☼	121	71 - 131
Perfluorooctanesulfonamide (FOSA)	ND		2.58	2.77		ug/Kg	☼	107	77 - 137
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.58	2.83		ug/Kg	☼	110	72 - 132
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.58	2.52		ug/Kg	☼	98	72 - 132
6:2 FTS	ND		2.45	2.52		ug/Kg	☼	103	73 - 139
8:2 FTS	ND		2.48	2.70		ug/Kg	☼	109	75 - 135

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	*86*		*25 - 150*
13C5 PFPeA	*72*		*25 - 150*
13C2 PFHxA	*90*		*25 - 150*
13C4 PFHpA	*92*		*25 - 150*
13C4 PFOA	*87*		*25 - 150*
13C5 PFNA	*85*		*25 - 150*
13C2 PFDA	*80*		*25 - 150*
13C2 PFUnA	*83*		*25 - 150*
13C2 PFDoA	*78*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-154988-17 MS
Matrix: Solid
Analysis Batch: 669045

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 668262

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C2 PFTeDA	78		25 - 150
13C3 PFBS	82		25 - 150
18O2 PFHxS	75		25 - 150
13C4 PFOS	80		25 - 150
13C8 FOSA	89		25 - 150
d3-NMeFOSAA	76		25 - 150
d5-NEtFOSAA	91		25 - 150
M2-6:2 FTS	90		25 - 150
M2-8:2 FTS	81		25 - 150

Lab Sample ID: 180-154988-17 MSD
Matrix: Solid
Analysis Batch: 669045

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 668262

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.10	J	2.39	2.44		ug/Kg	☼	98	76 - 136	5	30
Perfluoropentanoic acid (PFPeA)	ND		2.39	2.32		ug/Kg	☼	97	69 - 129	18	30
Perfluorohexanoic acid (PFHxA)	ND		2.39	3.00		ug/Kg	☼	125	71 - 131	7	30
Perfluoroheptanoic acid (PFHpA)	ND		2.39	2.53		ug/Kg	☼	106	71 - 131	6	30
Perfluorooctanoic acid (PFOA)	ND		2.39	2.88		ug/Kg	☼	120	72 - 132	17	30
Perfluorononanoic acid (PFNA)	0.047	J	2.39	2.66		ug/Kg	☼	109	73 - 133	5	30
Perfluorodecanoic acid (PFDA)	ND		2.39	3.03		ug/Kg	☼	126	72 - 132	1	30
Perfluoroundecanoic acid (PFUnA)	ND		2.39	2.38		ug/Kg	☼	99	66 - 126	15	30
Perfluorododecanoic acid (PFDoA)	ND		2.39	2.66		ug/Kg	☼	111	71 - 131	4	30
Perfluorotridecanoic acid (PFTriA)	ND		2.39	2.85		ug/Kg	☼	119	71 - 131	5	30
Perfluorotetradecanoic acid (PFTeA)	ND		2.39	2.78		ug/Kg	☼	116	67 - 127	0	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.12	2.66		ug/Kg	☼	125	69 - 129	1	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.18	2.27		ug/Kg	☼	104	62 - 122	6	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.28	2.37		ug/Kg	☼	104	76 - 136	6	30
Perfluorooctanesulfonic acid (PFOS)	2.1		2.22	4.05		ug/Kg	☼	89	68 - 141	2	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.31	2.87		ug/Kg	☼	124	71 - 131	4	30
Perfluorooctanesulfonamide (FOSA)	ND		2.39	2.44		ug/Kg	☼	102	77 - 137	13	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.39	2.54		ug/Kg	☼	106	72 - 132	11	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.39	2.70		ug/Kg	☼	113	72 - 132	7	30
6:2 FTS	ND		2.28	3.02		ug/Kg	☼	133	73 - 139	18	30
8:2 FTS	ND		2.30	2.32		ug/Kg	☼	101	75 - 135	15	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C4 PFBA	76		25 - 150
13C5 PFPeA	70		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 180-154988-17 MSD
Matrix: Solid
Analysis Batch: 669045

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 668262

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C2 PFHxA	79		25 - 150
13C4 PFHpA	89		25 - 150
13C4 PFOA	82		25 - 150
13C5 PFNA	76		25 - 150
13C2 PFDA	78		25 - 150
13C2 PFUnA	80		25 - 150
13C2 PFDoA	75		25 - 150
13C2 PFTeDA	70		25 - 150
13C3 PFBS	79		25 - 150
18O2 PFHxS	70		25 - 150
13C4 PFOS	75		25 - 150
13C8 FOSA	86		25 - 150
d3-NMeFOSAA	79		25 - 150
d5-NEtFOSAA	79		25 - 150
M2-6:2 FTS	85		25 - 150
M2-8:2 FTS	96		25 - 150

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154988-2
Project/Site: Former Sperry Remington-SCV

LCMS

Prep Batch: 668262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	SHAKE	
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	SHAKE	
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	SHAKE	
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	SHAKE	
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	SHAKE	
MB 320-668262/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-668262/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	SHAKE	
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	SHAKE	

Analysis Batch: 669045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	537 (modified)	668262
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	537 (modified)	668262
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	537 (modified)	668262
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	537 (modified)	668262
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	537 (modified)	668262
MB 320-668262/1-A	Method Blank	Total/NA	Solid	537 (modified)	668262
LCS 320-668262/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	668262
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	537 (modified)	668262
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	537 (modified)	668262

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s).	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

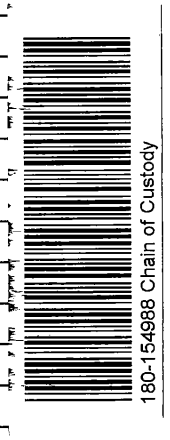
Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV86-0.17-0.75	4/12/23	1430	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV86-0.75-1.75	4/12/23	1435	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV87-0-0.17	4/12/23	1140	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV87-0.17-0.75	4/12/23	1445	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV87-0.75-1.75	4/12/23	1450	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV88-0.50-0.75	4/12/23	1455	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV88-0.75-1.75	4/12/23	1500	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV-DUP24	4/12/23	–	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV89-0.50-0.75	4/12/23	1505	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV89-0.75-1.75	4/12/23	1510	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV90-0.50-0.75	4/12/23	1515	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV90-0.75-1.75	4/12/23	1520	G	S	N	N	X	X	X	X	X	X	8	



☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/12/23 1800	Company: Geosyntec	Received by:	Date/Time: 4-13-23 0930	Company: EA, TAL
Relinquished by:	Date/Time.	Company	Received by:	Date/Time.	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time.	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No .	Cooler Temperature(s) °C and Other Remarks.

Ver: 01/16/2019

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Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s)	COC No: 180-45857-9656 1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV91-0.50-1.75	4/12/23	1525	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV91-0.75-1.75	4/12/23	1530	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV92-0.50-0.75	4/12/23	1535	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP25	4/12/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV92-0.75-1.75	4/12/23	1540	G	S	N	Y	X	X	X	X	X	X	20	
SSHS-IRM5A2-SCV-DUP22	4/12/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP19	4/12/23	--							X				4	ALL OTHER JARS SENT 4/7/2023

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	4/12/23/1800	Company: Geosyntec	[signature]	4-13-23 0930	EPI TWE
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No . | Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

Page 23 of 28

4/27/2023

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154988 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N										
SSHS-IRM5A2-SCV86-0.17-0.75	4/12/23	1430	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV86-0.75-1.75	4/12/23	1435	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV87-0-0.17	4/12/23	1140	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV87-0.17-0.75	4/12/23	1445	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV87-0.75-1.75	4/12/23	1450	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV88-0.50-0.75	4/12/23	1455	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV88-0.75-1.75	4/12/23	1500	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV-DUP24	4/12/23	--	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV89-0.50-0.75	4/12/23	1505	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV89-0.75-1.75	4/12/23	1510	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV90-0.50-0.75	4/12/23	1515	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV90-0.75-1.75	4/12/23	1520	G	S	N	N	X	X	X	X	X	X							8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/12/2023 1800	Company: Geosyntec	Received by:	Date/Time: 4/13/23 1010	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.9

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV91-0.50-1.75	4/12/23	1525	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV91-0.75-1.75	4/12/23	1530	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV92-0.50-0.75	4/12/23	1535	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP25	4/12/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV92-0.75-1.75	4/12/23	1540	G	S	N	Y	X	X	X	X	X	X	20	
SSHS-IRM5A2-SCV-DUP22	4/12/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP19	4/12/23	--							X				4	ALL OTHER JARS SENT 4/7/2023

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		4/12/2023/1800	Geosyntec		4/13/23 1010	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.9

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4/27/2023

Ver: 01/16/2019

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Sacramento
Sample Receiving Notes

180-154988 Field Sheet

Job: _____

Tracking # : 777 8878 6560

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: 610 Corr. Factor: (+ / -) _____ °C

Ice ~ Wet _____ Gel _____ Other _____

Cooler Custody Seal: ~

Cooler ID: ~

Temp Observed: 3.9 °C Corrected: 3.9 °C

From: Temp Blank ☐ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 4/13/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☑	☐
Samples w/o discrepancies?	☐	☑	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 4-13-23

Notes: Sample times off. NCM already created by sending lab. NC 4-13-23

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☑	☐	☐
Log Release checked in TALS?	☐	☐	☑

Initials: NC Date: 4-13-23

WR3-95C

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154988-2

Login Number: 154988
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154988-2

Login Number: 154988
List Number: 2
Creator: Cahill, Nicholas P

List Source: Eurofins Sacramento
List Creation: 04/13/23 08:07 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.9c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

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JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154813-3

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Case Narrative

Client: Geosyntec Consultants Inc
Job ID: 180-154813-3
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-3

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154813-3

Comments
Notation was made to the COC regarding terracores for sample SSHS-IRM5A2-DUP19 not being received.

Receipt
The samples were received on 4/8/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.0º C, 1.4º C, 1.6º C, 2.5º C, 3.3º C and 4.8º C.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154813-3
Project/Site: Former Sperry Remington-SCV

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154813-3
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-24
ANAB	Dept. of Defense ELAP	L2468	01-20-24
ANAB	Dept. of Energy	L2468.01	01-20-24
ANAB	ISO/IEC 17025	L2468	01-20-24
Arizona	State	AZ0708	08-11-23
Arkansas DEQ	State	88-0691	06-17-23
California	State	2897	01-22-24
Colorado	State	CA0004	08-31-23
Florida	NELAP	E87570	06-30-23
Georgia	State	4040	01-29-24
Hawaii	State	<cert No.>	01-29-24
Illinois	NELAP	200060	03-17-24
Kansas	NELAP	E-10375	10-31-23
Louisiana	NELAP	01944	06-30-23
Louisiana (All)	NELAP	01944	06-30-23
Maine	State	CA00004	04-14-24
Michigan	State	9947	06-01-23
Nevada	State	CA00044	07-31-23
New Hampshire	NELAP	2997	04-18-24
New Jersey	NELAP	CA005	06-30-23
New York	NELAP	11666	04-01-24
Ohio	State	41252	01-29-24
Oregon	NELAP	4040	01-29-24
Texas	NELAP	T104704399-19-13	05-31-23
US Fish & Wildlife	US Federal Programs	58448	04-30-23
USDA	US Federal Programs	P330-18-00239	02-28-26
Utah	NELAP	CA000442021-12	02-28-23 *
Virginia	NELAP	460278	03-14-24
Washington	State	C581	05-05-23
West Virginia (DW)	State	9930C	12-31-23
Wisconsin	State	998204680	08-31-23
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Solid	04/07/23 11:50	04/08/23 08:35

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-3

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	EET SAC
1312	SPLP Extraction	SW846	EET SAC
3535	Solid-Phase Extraction (SPE)	SW846	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154813-3
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Lab Sample ID: 180-154813-19
Date Collected: 04/07/23 11:50
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP East	Leach	1312			100.07 g	2000 mL	668953	04/20/23 15:10	GSH	EET SAC
SPLP East	Prep	3535			280.3 mL	10.0 mL	670760	04/27/23 23:16	JER	EET SAC
SPLP East	Analysis	537 (modified)		1	1 mL	1 mL	670864	04/29/23 02:59	D1R	EET SAC
	Instrument ID: A15									

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Analyst References:

Lab: EET SAC

Batch Type: Leach

GSH = Greg Harry

Batch Type: Prep

JER = Jonathan Reed

Batch Type: Analysis

D1R = Dhatpakorn Ruangyotsakul

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-3

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Date Collected: 04/07/23 11:50
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-19
Matrix: Solid

Method: EPA 537 (modified) - Fluorinated Alkyl Substances - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**18**		4.5	2.1	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluoropentanoic acid (PFPeA)	**2.5**		1.8	0.44	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluorohexanoic acid (PFHxA)	**2.1**		1.8	0.52	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluoroheptanoic acid (PFHpA)	**3.3**		1.8	0.22	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluorooctanoic acid (PFOA)	**10**		1.8	0.76	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluorononanoic acid (PFNA)	**4.6**		1.8	0.24	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluorodecanoic acid (PFDA)	**1.0**	**J**	1.8	0.28	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	0.98	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.49	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8	1.2	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8	0.65	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8	0.18	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluorohexanesulfonic acid (PFHxS)	**0.54**	**J**	1.8	0.51	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.8	0.17	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluorooctanesulfonic acid (PFOS)	**25**		1.8	0.48	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.29	ng/L		04/27/23 23:16	04/29/23 02:59	1
Perfluorooctanesulfonamide (FOSA)	ND		1.8	0.87	ng/L		04/27/23 23:16	04/29/23 02:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		4.5	1.1	ng/L		04/27/23 23:16	04/29/23 02:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		4.5	1.2	ng/L		04/27/23 23:16	04/29/23 02:59	1
6:2 FTS	ND		4.5	2.2	ng/L		04/27/23 23:16	04/29/23 02:59	1
8:2 FTS	ND		1.8	0.41	ng/L		04/27/23 23:16	04/29/23 02:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*99*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
13C5 PFPeA	*99*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
13C2 PFHxA	*108*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
13C4 PFHpA	*108*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
13C4 PFOA	*106*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
13C5 PFNA	*107*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
13C2 PFDA	*118*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
13C2 PFUnA	*106*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
13C2 PFDoA	*100*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
13C2 PFTeDA	*82*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
13C3 PFBS	*88*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
18O2 PFHxS	*89*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
13C4 PFOS	*92*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
13C8 FOSA	*102*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
d3-NMeFOSAA	*106*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
d5-NEtFOSAA	*110*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
M2-6:2 FTS	*132*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*
M2-8:2 FTS	*147*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:59*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-670760/1-A
Matrix: Solid
Analysis Batch: 670864

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 670760

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		5.0	2.4	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.49	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.58	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.25	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.85	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.31	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	1.3	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.73	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.20	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.57	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0	0.19	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.54	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		04/27/23 23:16	04/29/23 02:18	1
Perfluorooctanesulfonamide (FOSA)	ND		2.0	0.98	ng/L		04/27/23 23:16	04/29/23 02:18	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		5.0	1.2	ng/L		04/27/23 23:16	04/29/23 02:18	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		5.0	1.3	ng/L		04/27/23 23:16	04/29/23 02:18	1
6:2 FTS	ND		5.0	2.5	ng/L		04/27/23 23:16	04/29/23 02:18	1
8:2 FTS	ND		2.0	0.46	ng/L		04/27/23 23:16	04/29/23 02:18	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*107*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
13C5 PFPeA	*106*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
13C2 PFHxA	*108*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
13C4 PFHpA	*115*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
13C4 PFOA	*107*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
13C5 PFNA	*112*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
13C2 PFDA	*122*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
13C2 PFUnA	*120*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
13C2 PFDoA	*116*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
13C2 PFTeDA	*127*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
13C3 PFBS	*97*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
18O2 PFHxS	*98*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
13C4 PFOS	*101*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
13C8 FOSA	*96*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
d3-NMeFOSAA	*114*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
d5-NEtFOSAA	*119*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
M2-6:2 FTS	*105*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*
M2-8:2 FTS	*117*		*25 - 150*	*04/27/23 23:16*	*04/29/23 02:18*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-670760/2-A
Matrix: Solid
Analysis Batch: 670864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 670760

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	40.0	42.4		ng/L		106	76 - 136
Perfluoropentanoic acid (PFPeA)	40.0	42.1		ng/L		105	71 - 131
Perfluorohexanoic acid (PFHxA)	40.0	38.4		ng/L		96	73 - 133
Perfluoroheptanoic acid (PFHpA)	40.0	42.5		ng/L		106	72 - 132
Perfluorooctanoic acid (PFOA)	40.0	41.7		ng/L		104	70 - 130
Perfluorononanoic acid (PFNA)	40.0	44.6		ng/L		112	75 - 135
Perfluorodecanoic acid (PFDA)	40.0	45.7		ng/L		114	76 - 136
Perfluoroundecanoic acid (PFUnA)	40.0	43.0		ng/L		107	68 - 128
Perfluorododecanoic acid (PFDoA)	40.0	43.9		ng/L		110	71 - 131
Perfluorotridecanoic acid (PFTriA)	40.0	45.0		ng/L		112	71 - 131
Perfluorotetradecanoic acid (PFTeA)	40.0	35.2		ng/L		88	70 - 130
Perfluorobutanesulfonic acid (PFBS)	35.5	38.7		ng/L		109	67 - 127
Perfluorohexanesulfonic acid (PFHxS)	36.5	40.0		ng/L		110	59 - 119
Perfluoroheptanesulfonic acid (PFHpS)	38.2	40.2		ng/L		105	76 - 136
Perfluorooctanesulfonic acid (PFOS)	37.2	37.9		ng/L		102	70 - 130
Perfluorodecanesulfonic acid (PFDS)	38.6	41.9		ng/L		109	71 - 131
Perfluorooctanesulfonamide (FOSA)	40.0	44.4		ng/L		111	73 - 133
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	42.5		ng/L		106	76 - 136
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	42.0		ng/L		105	76 - 136
6:2 FTS	38.1	46.7		ng/L		123	59 - 175
8:2 FTS	38.4	43.5		ng/L		113	75 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*101*		*25 - 150*
13C5 PFPeA	*104*		*25 - 150*
13C2 PFHxA	*108*		*25 - 150*
13C4 PFHpA	*107*		*25 - 150*
13C4 PFOA	*111*		*25 - 150*
13C5 PFNA	*105*		*25 - 150*
13C2 PFDA	*115*		*25 - 150*
13C2 PFUnA	*117*		*25 - 150*
13C2 PFDoA	*111*		*25 - 150*
13C2 PFTeDA	*122*		*25 - 150*
13C3 PFBS	*97*		*25 - 150*
18O2 PFHxS	*98*		*25 - 150*
13C4 PFOS	*101*		*25 - 150*
13C8 FOSA	*96*		*25 - 150*
d3-NMeFOSAA	*110*		*25 - 150*
d5-NEtFOSAA	*113*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-670760/2-A
Matrix: Solid
Analysis Batch: 670864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 670760

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-6:2 FTS	110		25 - 150
M2-8:2 FTS	114		25 - 150

Lab Sample ID: LCSD 320-670760/3-A
Matrix: Solid
Analysis Batch: 670864

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 670760

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			40.0	41.3		ng/L		103	76 - 136	3	30
Perfluoropentanoic acid (PFPeA)			40.0	41.7		ng/L		104	71 - 131	1	30
Perfluorohexanoic acid (PFHxA)			40.0	39.3		ng/L		98	73 - 133	2	30
Perfluoroheptanoic acid (PFHpA)			40.0	41.6		ng/L		104	72 - 132	2	30
Perfluorooctanoic acid (PFOA)			40.0	42.3		ng/L		106	70 - 130	2	30
Perfluorononanoic acid (PFNA)			40.0	45.2		ng/L		113	75 - 135	1	30
Perfluorodecanoic acid (PFDA)			40.0	45.0		ng/L		113	76 - 136	2	30
Perfluoroundecanoic acid (PFUnA)			40.0	46.4		ng/L		116	68 - 128	8	30
Perfluorododecanoic acid (PFDoA)			40.0	42.8		ng/L		107	71 - 131	3	30
Perfluorotridecanoic acid (PFTriA)			40.0	43.3		ng/L		108	71 - 131	4	30
Perfluorotetradecanoic acid (PFTeA)			40.0	36.2		ng/L		90	70 - 130	3	30
Perfluorobutanesulfonic acid (PFBS)			35.5	37.2		ng/L		105	67 - 127	4	30
Perfluorohexanesulfonic acid (PFHxS)			36.5	39.0		ng/L		107	59 - 119	2	30
Perfluoroheptanesulfonic acid (PFHpS)			38.2	42.1		ng/L		110	76 - 136	5	30
Perfluorooctanesulfonic acid (PFOS)			37.2	39.0		ng/L		105	70 - 130	3	30
Perfluorodecanesulfonic acid (PFDS)			38.6	45.2		ng/L		117	71 - 131	8	30
Perfluorooctanesulfonamide (FOSA)			40.0	44.6		ng/L		112	73 - 133	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			40.0	44.0		ng/L		110	76 - 136	4	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			40.0	42.1		ng/L		105	76 - 136	0	30
6:2 FTS			38.1	47.7		ng/L		125	59 - 175	2	30
8:2 FTS			38.4	41.9		ng/L		109	75 - 135	4	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C4 PFBA	104		25 - 150
13C5 PFPeA	106		25 - 150
13C2 PFHxA	107		25 - 150
13C4 PFHpA	111		25 - 150
13C4 PFOA	110		25 - 150
13C5 PFNA	105		25 - 150
13C2 PFDA	116		25 - 150
13C2 PFUnA	114		25 - 150
13C2 PFDoA	115		25 - 150

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 320-670760/3-A
Matrix: Solid
Analysis Batch: 670864

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 670760

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C2 PFTeDA	123		25 - 150
13C3 PFBS	96		25 - 150
18O2 PFHxS	96		25 - 150
13C4 PFOS	94		25 - 150
13C8 FOSA	93		25 - 150
d3-NMeFOSAA	106		25 - 150
d5-NEtFOSAA	107		25 - 150
M2-6:2 FTS	107		25 - 150
M2-8:2 FTS	118		25 - 150

Lab Sample ID: LB 320-668953/1-B
Matrix: Solid
Analysis Batch: 670864

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 670760

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.4	2.1	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluoropentanoic acid (PFPeA)	ND		1.8	0.43	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluorohexanoic acid (PFHxA)	ND		1.8	0.51	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8	0.22	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluorooctanoic acid (PFOA)	ND		1.8	0.75	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluorononanoic acid (PFNA)	ND		1.8	0.24	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluorodecanoic acid (PFDA)	ND		1.8	0.27	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	0.97	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.48	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluorotridecanoic acid (PFTriA)	ND		1.8	1.1	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8	0.64	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8	0.18	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8	0.50	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		1.8	0.17	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8	0.47	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.28	ng/L		04/27/23 23:16	04/29/23 02:49	1
Perfluorooctanesulfonamide (FOSA)	ND		1.8	0.86	ng/L		04/27/23 23:16	04/29/23 02:49	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		4.4	1.1	ng/L		04/27/23 23:16	04/29/23 02:49	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		4.4	1.1	ng/L		04/27/23 23:16	04/29/23 02:49	1
6:2 FTS	ND		4.4	2.2	ng/L		04/27/23 23:16	04/29/23 02:49	1
8:2 FTS	ND		1.8	0.40	ng/L		04/27/23 23:16	04/29/23 02:49	1

Isotope Dilution	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	105		25 - 150	04/27/23 23:16	04/29/23 02:49	1
13C5 PFPeA	104		25 - 150	04/27/23 23:16	04/29/23 02:49	1
13C2 PFHxA	107		25 - 150	04/27/23 23:16	04/29/23 02:49	1
13C4 PFHpA	110		25 - 150	04/27/23 23:16	04/29/23 02:49	1
13C4 PFOA	107		25 - 150	04/27/23 23:16	04/29/23 02:49	1
13C5 PFNA	107		25 - 150	04/27/23 23:16	04/29/23 02:49	1
13C2 PFDA	116		25 - 150	04/27/23 23:16	04/29/23 02:49	1
13C2 PFUnA	107		25 - 150	04/27/23 23:16	04/29/23 02:49	1
13C2 PFDoA	107		25 - 150	04/27/23 23:16	04/29/23 02:49	1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LB 320-668953/1-B
Matrix: Solid
Analysis Batch: 670864

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 670760

Isotope Dilution	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	110		25 - 150	04/27/23 23:16	04/29/23 02:49	1
13C3 PFBS	95		25 - 150	04/27/23 23:16	04/29/23 02:49	1
18O2 PFHxS	95		25 - 150	04/27/23 23:16	04/29/23 02:49	1
13C4 PFOS	99		25 - 150	04/27/23 23:16	04/29/23 02:49	1
13C8 FOSA	97		25 - 150	04/27/23 23:16	04/29/23 02:49	1
d3-NMeFOSAA	101		25 - 150	04/27/23 23:16	04/29/23 02:49	1
d5-NEtFOSAA	104		25 - 150	04/27/23 23:16	04/29/23 02:49	1
M2-6:2 FTS	111		25 - 150	04/27/23 23:16	04/29/23 02:49	1
M2-8:2 FTS	124		25 - 150	04/27/23 23:16	04/29/23 02:49	1

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154813-3
Project/Site: Former Sperry Remington-SCV

LCMS

Leach Batch: 668953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	SPLP East	Solid	1312	
LB 320-668953/1-B	Method Blank	SPLP East	Solid	1312	

Prep Batch: 670760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	SPLP East	Solid	3535	668953
LB 320-668953/1-B	Method Blank	SPLP East	Solid	3535	668953
MB 320-670760/1-A	Method Blank	Total/NA	Solid	3535	
LCS 320-670760/2-A	Lab Control Sample	Total/NA	Solid	3535	
LCSD 320-670760/3-A	Lab Control Sample Dup	Total/NA	Solid	3535	

Analysis Batch: 670864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	SPLP East	Solid	537 (modified)	670760
LB 320-668953/1-B	Method Blank	SPLP East	Solid	537 (modified)	670760
MB 320-670760/1-A	Method Blank	Total/NA	Solid	537 (modified)	670760
LCS 320-670760/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	670760
LCSD 320-670760/3-A	Lab Control Sample Dup	Total/NA	Solid	537 (modified)	670760

Chain of Custody Record

SCV Documentation COC2

eurofins | Environment Testing TestAmerica

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Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
			Job #:

Client Information

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Email: akrasnopoler@geosyntec.com
Project Name: Former Sperry Remington Site
Site:

Due Date Requested:
TAT Requested (days): Standard
PO #: MN0832I
WO #:
Project #: 18013464
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers
			Preservation Code:				N	N	N	N	N	N	
SSHS-IRM5A2-SCV51-0.50-1.50	4/7/23	1030	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV52-0-0.50	4/7/23	1035	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV52-0.50-1.50	4/7/23	1040	G	S	N	N	X	X	X	X			8
SSHS-IRM5A2-SCV53-0-0.50	4/7/23	1045	G	S	N	N	X	X	X	X	X	X	6
SSHS-IRM5A2-SCV53-0.50-1.50	4/7/23	1050	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV54-0-0.17	4/7/23	1055	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV-DUP18	4/7/23	--	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV54-0.17-0.75	4/7/23	1100	G	S	N	N	X	X	X	X			8
SSHS-IRM5A2-SCV54-0.75-1.75	4/7/23	1105	G	S	N	N	X	X	X	X	X	X	6
SSHS-IRM5A2-SCV55-0-0.17	4/7/23	1110	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV55-0.17-1	4/7/23	1115	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV55-1-2	4/7/23	1120	G	S	N	N	X	X	X	X			6

180-154813 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by:	Date/Time: 4/7/2023/1630	Company: Geosyntec	Received by:	Date/Time: 4-8-23 0835	Company: ETI Hart
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Chain of Custody Record

SCV Documentation COC2

eurofins | Environment Testing TestAmerica

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Client Information

Client Contact: Mr. Aron Krasnopoler
Company: Geosyntec Consultants, Inc.
Address: 10211 Wincopin Circle 4th Floor
City: Columbia
State, Zip: MD, 21044
Phone: 40-381-4333
Email: akrasnopcler@geosyntec.com
Project Name: Former Sperry Remington Site
Site:

Sampler: M Stelmach
708-248-3888

Lab PM: Dunlap, David A
E-Mail: david.dunlap@testamericainc.com

Carrier Tracking No(s):

COC No: 180-45857-9656.1
Page: Page 2 of 2
Job #:

Due Date Requested:
TAT Requested (days): Standard
PO #: MN08321
WO #:
Project #: 18013464
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N		
SSHS-IRM5A2-SCV56-0-0.67	4/7/23	1125	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV56-0.67-1.67	4/7/23	1130	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0-0.17	4/7/23	1135	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.17-0.83	4/7/23	1140	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.83-1.83	4/7/23	1145	G	S	N	N	X	X	X	X			6	terracores not received for DUP19 being recollected. D. Dunlap 4/11/23
SSHS-IRM5A2-SCV-DUP19	4/7/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV58-0-0.17	4/7/23	1150	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV58-0.17-0.83	4/7/23	1155	G	S	N	Y	X	X	X	X			16	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Method of Shipment:

	Date:	Time:			
Empty Kit Relinquished by:			Received by:	Date/Time: 4-8-23 0835	Company EA Hart
Relinquished by: Mrd	Date/Time: 4/7/2023/1630	Company: Geosyntec	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Cooler Temperature(s) °C and Other Remarks:		

Custody Seal No.:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154813 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N											
SSHS-IRM5A2-SCV51-0.50-1.50	4/7/23	1030	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV52-0-0.50	4/7/23	1035	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV52-0.50-1.50	4/7/23	1040	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV53-0-0.50	4/7/23	1045	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV53-0.50-1.50	4/7/23	1050	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV54-0-0.17	4/7/23	1055	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV-DUP18	4/7/23	--	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV54-0.17-0.75	4/7/23	1100	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV54-0.75-1.75	4/7/23	1105	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV55-0-0.17	4/7/23	1110	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV55-0.17-1	4/7/23	1115	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV55-1-2	4/7/23	1120	G	S	N	N	X	X	X	X										6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Miranda Stelmach	4/7/23/1630	Geosyntec		4-8-23 1009	EE TSA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 117650 | Cooler Temperature(s) °C and Other Remarks: 2.5

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5/1/2023

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV56-0-0.67	4/7/23	1125	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV56-0.67-1.67	4/7/23	1130	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0-0.17	4/7/23	1135	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.17-0.83	4/7/23	1140	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.83-1.83	4/7/23	1145	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP19	4/7/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV58-0-0.17	4/7/23	1150	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV58-0.17-0.83	4/7/23	1155	G	S	N	Y	X	X	X	X			16	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	4/7/23/1630	Geosyntec	[signature]	4-8-23 1009	FEDSAC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 1117650 | Cooler Temperature(s) °C and Other Remarks: 2.5

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5/1/2023

Ver: 01/16/2019

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Sacramento
Sample Receiving Notes

180-154813 Field Sheet

Job: _____

Tracking # : 7717 4391 0812

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: L-09 Corr. Factor: (+ / -) 0 °C

Ice ✓ Wet ✓ Gel _____ Other _____

Cooler Custody Seal: 1117650

Cooler ID: —

Temp Observed: 2.5 °C Corrected: 2.5 °C

From: Temp Blank ☑ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: NC Date: 4-8-23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☑	☐
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 4-8-23

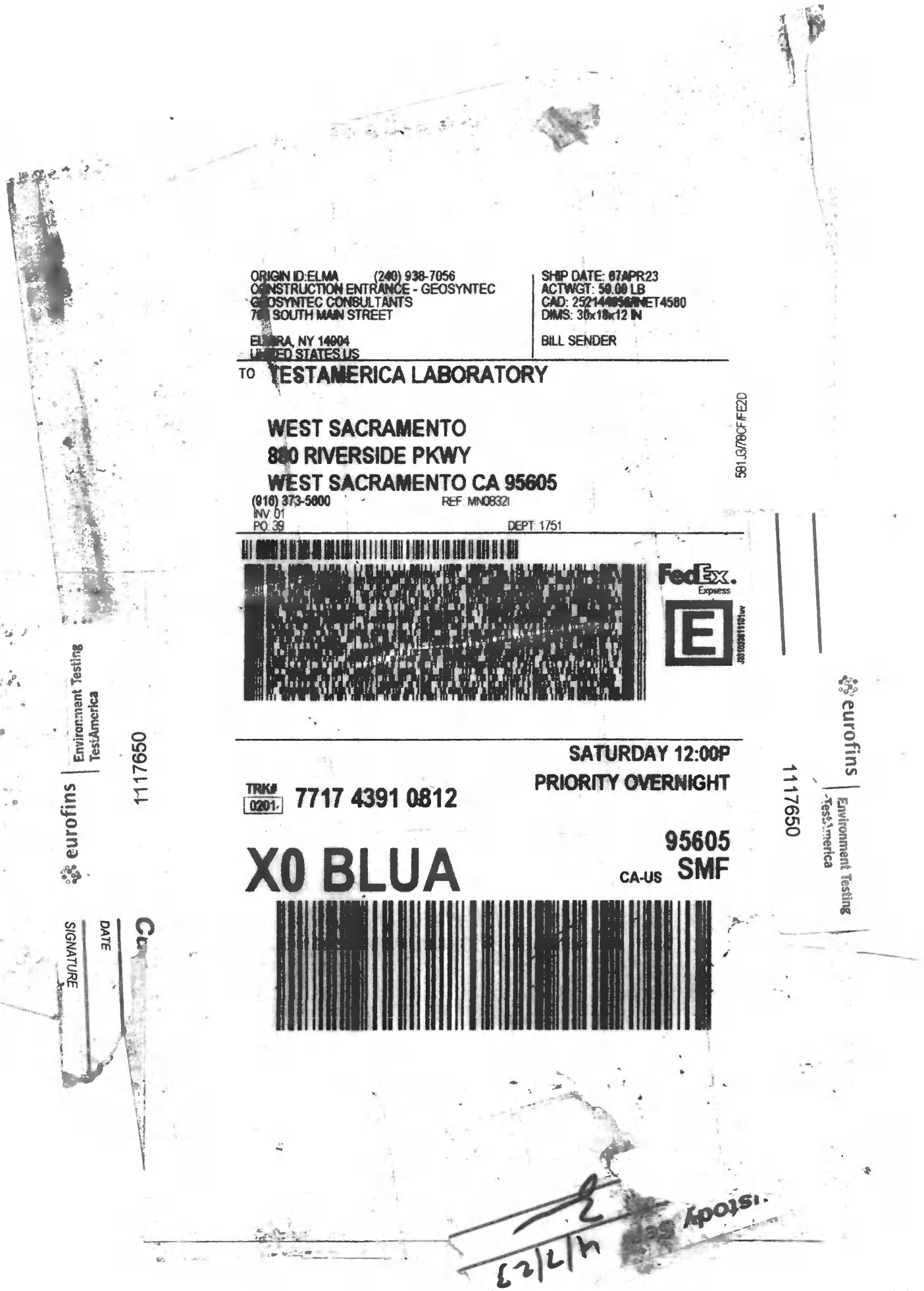
Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☑	☐	☐

Initials: NC Date: 4-8-23

WR3-048



ORIGIN ID:ELMA (240) 936-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
7[illegible] SOUTH MAIN STREET

ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 07APR23
ACTWGT: 50.00 LB
CAD: 252144[illegible]ET4580
DIMS: 30x18x12 IN

BILL SENDER

TO TESTAMERICA LABORATORY

WEST SACRAMENTO
880 RIVERSIDE PKWY
WEST SACRAMENTO CA 95605

(916) 373-5600 REF MN08321
INV 01
PO 39 DEPT 1751

581J3/78CFFE2D

FedEx Express

SATURDAY 12:00P
PRIORITY OVERNIGHT

TRK# 0201 7717 4391 0812

95605
CA-US SMF

X0 BLUA

eurofins | Environment Testing TestAmerica

1117650

eurofins | Environment Testing TestAmerica

1117650

DATE

SIGNATURE

12/7/4

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154813-3

Login Number: 154813
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154813-3

Login Number: 154813
List Number: 2
Creator: Cahill, Nicholas P

List Source: Eurofins Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1117650
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 5/3/2023 4:06:53 PM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154713-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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5/3/2023 4:06:53 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-154713-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154713-1

Receipt
The samples were received on 4/7/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.2º C, 2.6º C, 3.8º C, 3.9º C, 4.0º C and 5.3º C.

GC/MS VOA
Method 8260C: The recovery of surrogate 1,2-Dichloroethane-d4 for the following sample was above the control limits: SSHS-IRM5A2-SCV34-0-0.17 (180-154713-9). As the surrogate was high and there were no target analytes detected in the sample, the results were reported.

Method 8260C: The laboratory control sample (LCS) for batch 180-431907 recovered above the control limits for the following analytes: Dichlorodifluoromethane, Methyl acetate, and 2-Butanone. As these analytes were biased high in the LCS and were not detected in the associated samples, the results were reported.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-431744 was below criteria for the following analytes: Carbon disulfide, 2-Hexanone, Cyclohexane, Vinyl chloride, Acetone, Chloroethane, Dichlorodifluoromethane, Chloromethane, 2-Butanone and Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-431744 was above criteria for the following analyte: Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-431907 was above criteria for the following analytes: Trichlorofluoromethane, Carbon disulfide, Acetone, Chloroethane, Dichlorodifluoromethane, 1,2-Dichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The following sample was diluted due to the nature of the sample matrix: SSHS-IRM5A2-SCV37-0-0.17 (180-154713-18). Elevated reporting limits (RLs) are provided.

Method 8270D: The recovery of surrogate Terphenyl-d14 for the following sample was above the control limits: SSHS-IRM5A2-SCV37-0-0.17 (180-154713-18). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432394 was above criteria for the following analyte: Nitrobenzene-d5 (surrogate). As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8082A: Sample SSHS-IRM5A2-SCV36-0-0.50 (180-154713-16) had the recoveries of surrogate decachlorobiphenyl below the control limits on both columns. The recoveries of tetrachloro-m-xylene were within the control limits.

Method 8082A: The continuing calibration verification (CCV) analyzed in batch 180-432286 (CCV 180-432286/1) was above criteria for aroclor 1254 on column RTX-CLP2. Associated positive sample results for aroclor 1254 were reported from column RTX-CLP1 which met

Job ID: 180-154713-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010C: Due to sample matrix effect on the internal standard (ISTD), a dilution was required for the following samples: SSHS-IRM5A2-SCV32-0-0.17 (180-154713-3) and its matrix spikes, and SSHS-IRM5A2-SCV37-0.83-1.83 (180-154713-20). All analytes referencing the yttrium internal standards required dilution due to the yttrium internal standard counts being above the 70%-130% control limits.

Method 6010C: The following samples were diluted due to the concentration of titanium being over the instrument's linear range and titanium inter-element corrections existing on copper and antimony: SSHS-IRM5A2-SCV32-0-0.17 (180-154713-3) and its matrix spikes. Elevated reporting limits (RLs) are provided.

Method 6010C: The following samples were diluted to bring the concentration of iron within the linear range of the instrument: SSHS-IRM5A2-SCV32-0-0.17 (180-154713-3) and its matrix spikes, SSHS-IRM5A2-SCV34-0-0.17 (180-154713-9), SSHS-IRM5A2-SCV-DUP13 (180-154713-11), SSHS-IRM5A2-SCV36-0-0.50 (180-154713-16), SSHS-IRM5A2-SCV36-0,50-1.50 (180-154713-17), SSHS-IRM5A2-SCV37-0-0.17 (180-154713-18), and SSHS-IRM5A2-SCV37-0.17-0.83 (180-154713-19). Elevated reporting limits (RLs) are provided. Arsenic, cadmium, lead, and thallium were also reported from dilution due to inter-element corrections associated with iron.

Method 6010C: The method blank for preparation batch 180-432221 contained zinc above the reporting limit (RL). As the associated samples contained zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The method blank for preparation batch 180-432225 contained zinc above the reporting limit (RL). As the associated samples contained zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The method blank for preparation batch 180-433400 contained iron and zinc above the reporting limit (RL). As the associated samples contained iron and zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV32-0-0.17 (180-154713-3) had several recoveries and the majority of RPDs between the spikes outside of the control limits. The recoveries of the laboratory control sample were within the control limits. The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) was greater than 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated RPD values were obtained.

Method 7471B: The matrix spike duplicate (MSD) of sample SSHS-IRM5A2-SCV31-0-0.58 (180-154713-1) had the recovery of mercury below the control limits. The RPD between the spikes and the recoveries of the matrix spike (MS) and laboratory control sample (LCS) were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154713-1
Project/Site: Former Sperry Remington-SCV

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154713-1
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	05-03-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids
EPA 8260C	5035	Solid	1,2-Dichloroethene, Total

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Solid	04/06/23 13:00	04/07/23 09:25
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Solid	04/06/23 13:05	04/07/23 09:25
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Solid	04/06/23 13:10	04/07/23 09:25
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Solid	04/06/23 13:15	04/07/23 09:25
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Solid	04/06/23 13:20	04/07/23 09:25
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Solid	04/06/23 13:25	04/07/23 09:25
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Solid	04/06/23 13:30	04/07/23 09:25
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Solid	04/06/23 13:35	04/07/23 09:25
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Solid	04/06/23 13:40	04/07/23 09:25
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Solid	04/06/23 13:45	04/07/23 09:25
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Solid	04/06/23 00:00	04/07/23 09:25
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Solid	04/06/23 13:50	04/07/23 09:25
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Solid	04/06/23 13:55	04/07/23 09:25
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Solid	04/06/23 14:00	04/07/23 09:25
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Solid	04/06/23 14:05	04/07/23 09:25
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Solid	04/06/23 14:10	04/07/23 09:25
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Solid	04/06/23 14:15	04/07/23 09:25
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Solid	04/06/23 14:20	04/07/23 09:25
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Solid	04/06/23 14:25	04/07/23 09:25
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Solid	04/06/23 14:30	04/07/23 09:25

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by GC/MS	SW846	EET PIT
EPA 8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
EPA 6010C	Metals (ICP)	SW846	EET PIT
EPA 7471B	Mercury (CVAA)	SW846	EET PIT
2540G	SM 2540G	SM22	EET PIT
3050B	Preparation, Metals	SW846	EET PIT
3541	Automated Soxhlet Extraction	SW846	EET PIT
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET PIT
7471B	Preparation, Mercury	SW846	EET PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV31-0-0.58
Lab Sample ID: 180-154713-1
Date Collected: 04/06/23 13:00
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV31-0-0.58
Lab Sample ID: 180-154713-1
Date Collected: 04/06/23 13:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0064 g	5 mL	431981	04/11/23 07:07	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 21:02	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 10:28	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.2 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 08:26	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.84 g	50 mL	432225	04/13/23 11:18	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/26/23 01:40	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.61 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 11:57	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV31-0.58-1.58
Lab Sample ID: 180-154713-2
Date Collected: 04/06/23 13:05
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV31-0.58-1.58
Lab Sample ID: 180-154713-2
Date Collected: 04/06/23 13:05
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3226 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 15:22	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 10:50	VVP	EET PIT
	Instrument ID: CH732									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154713-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV31-0.58-1.58
Lab Sample ID: 180-154713-2
Date Collected: 04/06/23 13:05
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 08:45	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.53 g	50 mL	432225	04/13/23 11:18	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/26/23 01:45	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.69 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:00	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV32-0-0.17
Lab Sample ID: 180-154713-3
Date Collected: 04/06/23 13:10
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV32-0-0.17
Lab Sample ID: 180-154713-3
Date Collected: 04/06/23 13:10
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0607 g	5 mL	431981	04/11/23 07:07	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 17:15	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 11:12	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.5 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 09:04	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.71 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/29/23 23:23	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.71 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		10			433957	05/01/23 15:34	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:05	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154713-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV32-0.17-0.75
Lab Sample ID: 180-154713-4
Date Collected: 04/06/23 13:15
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV32-0.17-0.75
Lab Sample ID: 180-154713-4
Date Collected: 04/06/23 13:15
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.4465 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 14:59	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 11:34	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.4 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 09:22	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.97 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/29/23 23:58	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.65 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:06	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV32-0.75-1.75
Lab Sample ID: 180-154713-5
Date Collected: 04/06/23 13:20
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV32-0.75-1.75
Lab Sample ID: 180-154713-5
Date Collected: 04/06/23 13:20
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3346 g	5 mL	431981	04/11/23 07:07	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 16:52	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 11:56	VVP	EET PIT
	Instrument ID: CH732									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV32-0.75-1.75

Lab Sample ID: 180-154713-5
Date Collected: 04/06/23 13:20
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.5 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 09:41	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.71 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 00:03	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.66 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:07	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV33-0-0.17

Lab Sample ID: 180-154713-6
Date Collected: 04/06/23 13:25
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV33-0-0.17

Lab Sample ID: 180-154713-6
Date Collected: 04/06/23 13:25
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3462 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/09/23 01:04	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.5 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 12:18	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 10:00	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.80 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 00:08	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:08	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV33-0.17-0.75

Lab Sample ID: 180-154713-7
Date Collected: 04/06/23 13:30
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV33-0.17-0.75

Lab Sample ID: 180-154713-7
Date Collected: 04/06/23 13:30
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0023 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/09/23 00:19	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.3 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 12:39	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.3 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 10:18	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.79 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 00:13	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.65 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:09	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV33-0.75-1.75

Lab Sample ID: 180-154713-8
Date Collected: 04/06/23 13:35
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV33-0.75-1.75

Lab Sample ID: 180-154713-8
Date Collected: 04/06/23 13:35
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2264 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/08/23 23:56	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 13:01	VVP	EET PIT
	Instrument ID: CH732									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154713-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV33-0.75-1.75
Lab Sample ID: 180-154713-8
Date Collected: 04/06/23 13:35
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.2 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 10:37	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.94 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 00:18	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.65 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:10	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV34-0-0.17
Lab Sample ID: 180-154713-9
Date Collected: 04/06/23 13:40
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV34-0-0.17
Lab Sample ID: 180-154713-9
Date Collected: 04/06/23 13:40
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3605 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/08/23 20:32	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 13:23	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 10:56	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.86 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 00:23	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.86 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433957	05/01/23 15:54	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.67 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:11	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV34-0.17-0.75
Date Collected: 04/06/23 13:45
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV34-0.17-0.75
Date Collected: 04/06/23 13:45
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-10
Matrix: Solid
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2297 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/08/23 20:54	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 13:45	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.1 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 11:14	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.51 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 15:50	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:12	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP13
Date Collected: 04/06/23 00:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP13
Date Collected: 04/06/23 00:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-11
Matrix: Solid
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1373 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/08/23 23:33	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.5 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 14:07	VVP	EET PIT
	Instrument ID: CH732									

Client Sample ID: SSHS-IRM5A2-SCV-DUP13
Lab Sample ID: 180-154713-11
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.3 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 11:33	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.15 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 00:28	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			1.15 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433957	05/01/23 15:59	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:13	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV34-0.75-1.75
Lab Sample ID: 180-154713-12
Date Collected: 04/06/23 13:50
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV34-0.75-1.75
Lab Sample ID: 180-154713-12
Date Collected: 04/06/23 13:50
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1327 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/08/23 23:11	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 14:28	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.3 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 11:52	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.87 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 00:33	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.69 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:14	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV35-0-0.17
Lab Sample ID: 180-154713-13
Date Collected: 04/06/23 13:55
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV35-0-0.17
Lab Sample ID: 180-154713-13
Date Collected: 04/06/23 13:55
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 77.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1624 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/08/23 22:48	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 14:50	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.4 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 12:10	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.75 g	50 mL	432221	04/13/23 11:08	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 00:38	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:19	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV35-0.17-0.75
Lab Sample ID: 180-154713-14
Date Collected: 04/06/23 14:00
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV35-0.17-0.75
Lab Sample ID: 180-154713-14
Date Collected: 04/06/23 14:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1665 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/08/23 22:25	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.5 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 15:12	VVP	EET PIT
	Instrument ID: CH732									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154713-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV35-0.17-0.75
Lab Sample ID: 180-154713-14

Date Collected: 04/06/23 14:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 12:29	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.81 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 00:53	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:20	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV35-0.75-1.75
Lab Sample ID: 180-154713-15

Date Collected: 04/06/23 14:05
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV35-0.75-1.75
Lab Sample ID: 180-154713-15

Date Collected: 04/06/23 14:05
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0367 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/08/23 22:02	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 15:34	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.3 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 12:48	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.76 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 00:58	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:21	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154713-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV36-0-0.50
Lab Sample ID: 180-154713-16
Date Collected: 04/06/23 14:10
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV36-0-0.50
Lab Sample ID: 180-154713-16
Date Collected: 04/06/23 14:10
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3346 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/08/23 21:40	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 15:56	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.2 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 13:06	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.97 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 01:03	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.97 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433957	05/01/23 16:04	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:22	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV36-0.50-1.50
Lab Sample ID: 180-154713-17
Date Collected: 04/06/23 14:15
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV36-0.50-1.50
Lab Sample ID: 180-154713-17
Date Collected: 04/06/23 14:15
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.4325 g	5 mL	431765	04/08/23 10:45	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/08/23 21:17	PJJ	EET PIT
	Instrument ID: CHHP3									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154713-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV36-0.50-1.50
Lab Sample ID: 180-154713-17
Date Collected: 04/06/23 14:15
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		2	1 mL	1 mL	432394	04/15/23 16:17	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.3 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 14:21	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.52 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 01:08	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.52 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433957	05/01/23 16:09	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.64 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:23	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV37-0-0.17
Lab Sample ID: 180-154713-18
Date Collected: 04/06/23 14:20
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431757	04/08/23 15:28	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV37-0-0.17
Lab Sample ID: 180-154713-18
Date Collected: 04/06/23 14:20
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2326 g	5 mL	431765	04/08/23 19:09	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431744	04/09/23 01:27	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		2	1 mL	1 mL	432394	04/15/23 16:39	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.5 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 14:40	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.99 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 01:13	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154713-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV37-0-0.17
Lab Sample ID: 180-154713-18
Date Collected: 04/06/23 14:20
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.99 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433957	05/01/23 16:25	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:24	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV37-0.17-0.83
Lab Sample ID: 180-154713-19
Date Collected: 04/06/23 14:25
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431838	04/10/23 13:42	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV37-0.17-0.83
Lab Sample ID: 180-154713-19
Date Collected: 04/06/23 14:25
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2673 g	5 mL	431981	04/11/23 07:07	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 19:08	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.3 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 17:01	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.2 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 14:58	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 01:18	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.55 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433957	05/01/23 16:30	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:25	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154713-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV37-0.83-1.83
Lab Sample ID: 180-154713-20
Date Collected: 04/06/23 14:30
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431838	04/10/23 13:42	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV37-0.83-1.83
Lab Sample ID: 180-154713-20
Date Collected: 04/06/23 14:30
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3045 g	5 mL	431981	04/11/23 07:07	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 19:53	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432207	04/13/23 10:13	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432394	04/15/23 17:23	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.1 g	20.0 mL	432079	04/12/23 11:18	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432122	04/12/23 16:33	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432124	04/12/23 16:34	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432286	04/14/23 15:17	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.68 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 01:23	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.68 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		10			433957	05/01/23 16:35	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433465	04/27/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:26	MTW	EET PIT
	Instrument ID: HGZ									

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Analyst References:

Lab: EET PIT

- Batch Type: Cleanup
  - A1K = Aiza Kesodia
- Batch Type: Prep
  - AAS = Arianna Swick
  - JBP = Jack Prothero
  - MTW = Michael Wesoloski
  - PJJ = Patrick Journet
- Batch Type: Analysis
  - BAB = Brooke Batyi
  - CMR = Carl Reagle
  - JMO = John Oravec
  - MTW = Michael Wesoloski
  - PJJ = Patrick Journet
  - RJG = Rob Good
  - VVP = Vincent Piccolino

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV31-0-0.58
Date Collected: 04/06/23 13:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-1
Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Benzene	ND		5.5	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
2-Butanone (MEK)	ND	*+	5.5	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Carbon tetrachloride	ND		5.5	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Chlorodibromomethane	ND		5.5	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
cis-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Cyclohexane	ND		5.5	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,2-Dichlorobenzene	ND		5.5	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,4-Dichlorobenzene	ND		5.5	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Dichlorodifluoromethane	ND	*+	5.5	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Ethylbenzene	ND		5.5	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Isopropylbenzene	ND		5.5	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Methyl acetate	ND	*+	28	8.2	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Methylcyclohexane	ND		5.5	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Methylene Chloride	ND		5.5	5.0	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
m-Xylene & p-Xylene	ND		5.5	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Styrene	ND		5.5	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,2,3-Trichlorobenzene	ND		5.5	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,1,1-Trichloroethane	ND		5.5	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV31-0-0.58
Date Collected: 04/06/23 13:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-1
Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Trichlorofluoromethane	ND		5.5	4.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Vinyl chloride	ND		5.5	4.0	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1
Xylenes, Total	ND		11	8.0	ug/Kg	☼	04/11/23 07:07	04/11/23 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*	*04/11/23 07:07*	*04/11/23 21:02*	*1*
Dibromofluoromethane (Surr)	*119*		*69 - 126*	*04/11/23 07:07*	*04/11/23 21:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*		*73 - 135*	*04/11/23 07:07*	*04/11/23 21:02*	*1*
Toluene-d8 (Surr)	*99*		*67 - 134*	*04/11/23 07:07*	*04/11/23 21:02*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		73	21	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Acenaphthylene	**180**		73	16	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Acetophenone	ND		730	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Anthracene	**81**		73	19	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Atrazine	ND		730	160	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Benzaldehyde	ND		730	45	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Benzo[a]anthracene	**220**		73	33	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Benzo[a]pyrene	**270**		73	32	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Benzo[b]fluoranthene	**350**		73	18	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Benzo[g,h,i]perylene	**240**		73	16	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Benzo[k]fluoranthene	**180**		73	22	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Bis(2-chloroethyl)ether	ND		73	13	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Carbazole	**22**	**J**	73	17	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2-Chloronaphthalene	ND		73	17	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Chrysene	**280**		73	41	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Dibenz(a,h)anthracene	ND		73	47	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Dibenzofuran	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2,4-Dichlorophenol	ND		73	28	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Dimethyl phthalate	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Di-n-butyl phthalate	**370**		360	160	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV31-0-0.58
Date Collected: 04/06/23 13:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-1
Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
1,4-Dioxane	ND		730	110	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Fluoranthene	**310**		73	19	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Fluorene	ND		73	14	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Hexachlorobenzene	ND		73	26	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Hexachlorobutadiene	ND		73	21	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Hexachlorocyclopentadiene	ND		360	37	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Indeno[1,2,3-cd]pyrene	**180**		73	36	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Isophorone	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2-Methylnaphthalene	**45**	**J**	73	18	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2-Methylphenol	ND		360	100	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Naphthalene	**54**	**J**	73	14	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
3-Nitroaniline	ND		1900	93	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Nitrobenzene	ND		730	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
N-Nitrosodi-n-propylamine	ND		73	25	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2,2'-oxybis[1-chloropropane]	ND		73	27	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Phenanthrene	**110**		73	20	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Phenol	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
Pyrene	**400**		73	17	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 10:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*04/13/23 10:13*	*04/15/23 10:28*	*1*
2-Fluorophenol (Surr)	*66*		*48 - 105*	*04/13/23 10:13*	*04/15/23 10:28*	*1*
Nitrobenzene-d5 (Surr)	*80*		*46 - 105*	*04/13/23 10:13*	*04/15/23 10:28*	*1*
Phenol-d5 (Surr)	*75*		*46 - 105*	*04/13/23 10:13*	*04/15/23 10:28*	*1*
Terphenyl-d14 (Surr)	*75*		*39 - 105*	*04/13/23 10:13*	*04/15/23 10:28*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*04/13/23 10:13*	*04/15/23 10:28*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	04/12/23 11:18	04/14/23 08:26	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/12/23 11:18	04/14/23 08:26	1
PCB-1232	ND		18	4.5	ug/Kg	☼	04/12/23 11:18	04/14/23 08:26	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 08:26	1
PCB-1248	ND		18	4.4	ug/Kg	☼	04/12/23 11:18	04/14/23 08:26	1
PCB-1254	ND		18	5.5	ug/Kg	☼	04/12/23 11:18	04/14/23 08:26	1
PCB-1260	**12**	**J**	18	5.2	ug/Kg	☼	04/12/23 11:18	04/14/23 08:26	1

Client Sample ID: SSHS-IRM5A2-SCV31-0-0.58

Lab Sample ID: 180-154713-1
Date Collected: 04/06/23 13:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.0

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		18	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 08:26	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/12/23 11:18	04/14/23 08:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*125*		*63 - 138*	*04/12/23 11:18*	*04/14/23 08:26*	*1*
DCB Decachlorobiphenyl (Surr)	*120*		*63 - 138*	*04/12/23 11:18*	*04/14/23 08:26*	*1*
Tetrachloro-m-xylene (Surr)	*123*		*55 - 135*	*04/12/23 11:18*	*04/14/23 08:26*	*1*
Tetrachloro-m-xylene (Surr)	*126*		*55 - 135*	*04/12/23 11:18*	*04/14/23 08:26*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9100**		13	3.3	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Antimony	**0.89**		0.66	0.20	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Arsenic	**9.7**		0.66	0.41	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Barium	**98**		13	2.4	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Beryllium	**0.47**		0.26	0.072	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Cadmium	**0.24**	**J**	0.33	0.049	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Calcium	**2000**		330	43	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Chromium	**13**		0.33	0.30	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Cobalt	**7.9**		3.3	0.47	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Copper	**150**		1.7	1.0	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Iron	**22000**		6.6	6.4	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Lead	**56**		0.66	0.58	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Magnesium	**1900**		330	36	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Manganese	**410**		0.99	0.18	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Nickel	**70**		2.6	0.33	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Potassium	**770**	**B**	330	56	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Selenium	**0.61**	**J**	0.66	0.30	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Silver	ND		0.33	0.069	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Sodium	**68**	**J**	330	34	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Thallium	**0.85**	**J**	1.3	0.19	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Vanadium	**15**		3.3	0.52	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1
Zinc	**130**	**B**	1.3	0.96	mg/Kg	☼	04/13/23 11:18	04/26/23 01:40	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.11**	**F1**	0.036	0.023	mg/Kg	☼	04/27/23 08:30	04/28/23 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**10.0**		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	**90.0**		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV31-0.58-1.58

Lab Sample ID: 180-154713-2
Date Collected: 04/06/23 13:05
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 86.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.2	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Benzene	ND		5.4	1.5	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV31-0.58-1.58
Date Collected: 04/06/23 13:05
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-2
Matrix: Solid
Percent Solids: 86.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Bromomethane	ND		5.4	2.5	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
2-Butanone (MEK)	ND	*+	5.4	2.8	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Carbon disulfide	ND		5.4	4.4	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Carbon tetrachloride	ND		5.4	2.2	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Chlorobenzene	ND		5.4	1.4	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Chlorobromomethane	ND		5.4	3.3	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Chlorodibromomethane	ND		5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Chloroethane	ND		5.4	3.2	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Chloroform	ND		5.4	1.8	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Chloromethane	ND		5.4	2.2	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
cis-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Cyclohexane	ND		5.4	2.6	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,2-Dibromo-3-Chloropropane	ND		5.4	3.5	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,2-Dibromoethane	ND		5.4	1.5	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,2-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,3-Dichlorobenzene	ND		5.4	3.4	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,4-Dichlorobenzene	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Dichlorobromomethane	ND		5.4	2.5	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Dichlorodifluoromethane	ND	*+	5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,1-Dichloroethane	ND		5.4	1.7	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,2-Dichloroethane	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,1-Dichloroethene	ND		5.4	2.5	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,2-Dichloropropane	ND		5.4	1.4	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Ethylbenzene	ND		5.4	2.0	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
2-Hexanone	ND		5.4	1.7	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Isopropylbenzene	ND		5.4	2.8	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Methyl acetate	ND	*+	27	8.0	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Methylcyclohexane	ND		5.4	2.6	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Methylene Chloride	ND		5.4	4.9	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.4	2.0	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Methyl tert-butyl ether	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
m-Xylene & p-Xylene	ND		5.4	1.9	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
o-Xylene	ND		5.4	2.2	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Styrene	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.7	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Tetrachloroethene	ND		5.4	2.2	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Toluene	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
trans-1,2-Dichloroethene	ND		5.4	1.9	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
trans-1,3-Dichloropropene	ND		5.4	2.5	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,2,3-Trichlorobenzene	ND		5.4	3.0	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,2,4-Trichlorobenzene	ND		5.4	2.8	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,1,1-Trichloroethane	ND		5.4	1.8	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
1,1,2-Trichloroethane	ND		5.4	1.1	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Trichloroethene	ND		5.4	1.7	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Trichlorofluoromethane	ND		5.4	4.5	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV31-0.58-1.58
Date Collected: 04/06/23 13:05
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-2
Matrix: Solid
Percent Solids: 86.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	2.2	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Vinyl chloride	ND		5.4	3.9	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1
Xylenes, Total	ND		11	7.9	ug/Kg	☼	04/08/23 10:45	04/11/23 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*	*04/08/23 10:45*	*04/11/23 15:22*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*	*04/08/23 10:45*	*04/11/23 15:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*		*73 - 135*	*04/08/23 10:45*	*04/11/23 15:22*	*1*
Toluene-d8 (Surr)	*94*		*67 - 134*	*04/08/23 10:45*	*04/11/23 15:22*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Acenaphthylene	**420**		77	17	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Acetophenone	ND		770	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Anthracene	**210**		77	20	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Atrazine	ND		770	170	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Benzaldehyde	ND		770	47	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Benzo[a]anthracene	**600**		77	34	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Benzo[a]pyrene	**700**		77	33	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Benzo[b]fluoranthene	**980**		77	19	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Benzo[g,h,i]perylene	**560**		77	16	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Benzo[k]fluoranthene	**300**		77	23	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Bis(2-chloroethyl)ether	ND		77	14	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Butyl benzyl phthalate	ND		380	260	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Caprolactam	ND		1900	250	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Carbazole	**43**	**J**	77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Chrysene	**710**		77	42	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Dibenz(a,h)anthracene	**120**		77	49	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2,4-Dichlorophenol	ND		77	29	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Di-n-butyl phthalate	**190**	**J**	380	170	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
4,6-Dinitro-2-methylphenol	ND		1900	660	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1

Client Sample ID: SSHS-IRM5A2-SCV31-0.58-1.58

Date Collected: 04/06/23 13:05
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-2

Matrix: Solid
Percent Solids: 86.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		770	120	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Fluoranthene	**800**		77	20	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Fluorene	**45**	**J**	77	15	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Hexachloroethane	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Indeno[1,2,3-cd]pyrene	**440**		77	38	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Isophorone	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2-Methylnaphthalene	**120**		77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Naphthalene	**120**		77	15	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
3-Nitroaniline	ND		1900	97	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Nitrobenzene	ND		770	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Phenanthrene	**320**		77	20	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Phenol	ND		380	120	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
Pyrene	**1000**		77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*04/13/23 10:13*	*04/15/23 10:50*	*1*
2-Fluorophenol (Surr)	*59*		*48 - 105*	*04/13/23 10:13*	*04/15/23 10:50*	*1*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*	*04/13/23 10:13*	*04/15/23 10:50*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*04/13/23 10:13*	*04/15/23 10:50*	*1*
Terphenyl-d14 (Surr)	*69*		*39 - 105*	*04/13/23 10:13*	*04/15/23 10:50*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*34 - 108*	*04/13/23 10:13*	*04/15/23 10:50*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	04/12/23 11:18	04/14/23 08:45	1
PCB-1221	ND		19	6.8	ug/Kg	☼	04/12/23 11:18	04/14/23 08:45	1
PCB-1232	ND		19	4.7	ug/Kg	☼	04/12/23 11:18	04/14/23 08:45	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/12/23 11:18	04/14/23 08:45	1
PCB-1248	ND		19	4.6	ug/Kg	☼	04/12/23 11:18	04/14/23 08:45	1
PCB-1254	ND		19	5.8	ug/Kg	☼	04/12/23 11:18	04/14/23 08:45	1
PCB-1260	ND		19	5.5	ug/Kg	☼	04/12/23 11:18	04/14/23 08:45	1
PCB-1262	ND		19	6.7	ug/Kg	☼	04/12/23 11:18	04/14/23 08:45	1
PCB-1268	ND		19	2.6	ug/Kg	☼	04/12/23 11:18	04/14/23 08:45	1

Client Sample ID: SSHS-IRM5A2-SCV31-0.58-1.58

Lab Sample ID: 180-154713-2

Date Collected: 04/06/23 13:05
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 86.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*101*		*63 - 138*	*04/12/23 11:18*	*04/14/23 08:45*	*1*
DCB Decachlorobiphenyl (Surr)	*101*		*63 - 138*	*04/12/23 11:18*	*04/14/23 08:45*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*	*04/12/23 11:18*	*04/14/23 08:45*	*1*
Tetrachloro-m-xylene (Surr)	*104*		*55 - 135*	*04/12/23 11:18*	*04/14/23 08:45*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		22	5.5	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Antimony	**1.3**		1.1	0.33	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Arsenic	**13**		1.1	0.69	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Barium	**220**		22	3.9	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Beryllium	**0.58**		0.44	0.12	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Cadmium	**0.26**	**J**	0.55	0.080	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Calcium	**3600**		550	71	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Chromium	**34**		0.55	0.50	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Cobalt	**10**		5.5	0.77	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Copper	**170**		2.7	1.7	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Iron	**34000**		11	11	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Lead	**85**		1.1	0.95	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Magnesium	**2200**		550	60	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Manganese	**540**		1.6	0.30	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Nickel	**120**		4.4	0.55	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Potassium	**820**	**B**	550	93	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Selenium	**0.74**	**J**	1.1	0.50	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Silver	ND		0.55	0.11	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Sodium	**72**	**J**	550	56	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Thallium	**1.1**	**J**	2.2	0.31	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Vanadium	**18**		5.5	0.87	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1
Zinc	**140**	**B**	2.2	1.6	mg/Kg	☼	04/13/23 11:18	04/26/23 01:45	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.086**		0.033	0.021	mg/Kg	☼	04/27/23 08:30	04/28/23 12:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**13.8**		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	**86.2**		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV32-0-0.17

Lab Sample ID: 180-154713-3

Date Collected: 04/06/23 13:10
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 87.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.4	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Benzene	ND		5.6	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Bromomethane	ND		5.6	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
2-Butanone (MEK)	ND	*+	5.6	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Carbon disulfide	ND		5.6	4.5	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV32-0-0.17
Date Collected: 04/06/23 13:10
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-3
Matrix: Solid
Percent Solids: 87.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		5.6	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Chlorobenzene	ND		5.6	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Chlorobromomethane	ND		5.6	3.4	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Chlorodibromomethane	ND		5.6	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Chloroethane	ND		5.6	3.3	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Chloroform	ND		5.6	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Chloromethane	ND		5.6	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
cis-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Cyclohexane	ND		5.6	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,2-Dibromo-3-Chloropropane	ND		5.6	3.6	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,2-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,3-Dichlorobenzene	ND		5.6	3.5	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,4-Dichlorobenzene	ND		5.6	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Dichlorobromomethane	ND		5.6	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Dichlorodifluoromethane	ND	*+	5.6	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,1-Dichloroethane	ND		5.6	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,2-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,1-Dichloroethene	ND		5.6	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,2-Dichloropropane	ND		5.6	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Ethylbenzene	ND		5.6	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
2-Hexanone	ND		5.6	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Isopropylbenzene	ND		5.6	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Methyl acetate	ND	*+	28	8.3	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Methylcyclohexane	ND		5.6	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Methylene Chloride	ND		5.6	5.1	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.6	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Methyl tert-butyl ether	ND		5.6	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
m-Xylene & p-Xylene	ND		5.6	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
o-Xylene	ND		5.6	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Styrene	ND		5.6	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Tetrachloroethene	ND		5.6	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Toluene	ND		5.6	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
trans-1,2-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,2,3-Trichlorobenzene	ND		5.6	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,2,4-Trichlorobenzene	ND		5.6	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,1,1-Trichloroethane	ND		5.6	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,1,2-Trichloroethane	ND		5.6	1.1	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Trichloroethene	ND		5.6	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Trichlorofluoromethane	ND		5.6	4.7	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Vinyl chloride	ND		5.6	4.1	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1
Xylenes, Total	ND		11	8.1	ug/Kg	☼	04/11/23 07:07	04/11/23 17:15	1

Client Sample ID: SSHS-IRM5A2-SCV32-0-0.17

Date Collected: 04/06/23 13:10
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-3

Matrix: Solid
Percent Solids: 87.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 124*	*04/11/23 07:07*	*04/11/23 17:15*	*1*
Dibromofluoromethane (Surr)	*111*		*69 - 126*	*04/11/23 07:07*	*04/11/23 17:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*73 - 135*	*04/11/23 07:07*	*04/11/23 17:15*	*1*
Toluene-d8 (Surr)	*97*		*67 - 134*	*04/11/23 07:07*	*04/11/23 17:15*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Acenaphthylene	**310**		77	17	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Acetophenone	ND		770	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Anthracene	**150**		77	20	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Atrazine	ND		770	170	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Benzaldehyde	ND		770	47	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Benzo[a]anthracene	**370**		77	34	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Benzo[a]pyrene	**460**		77	33	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Benzo[b]fluoranthene	**640**		77	19	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Benzo[g,h,i]perylene	**380**		77	16	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Benzo[k]fluoranthene	**190**		77	23	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Bis(2-chloroethyl)ether	ND		77	14	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Butyl benzyl phthalate	ND		380	260	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Caprolactam	ND		1900	250	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Carbazole	**35**	**J**	77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2-Chloronaphthalene	ND		77	17	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Chrysene	**460**		77	42	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Dibenz(a,h)anthracene	**100**		77	49	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2,4-Dichlorophenol	ND		77	29	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Di-n-butyl phthalate	**270**	**J**	380	170	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
4,6-Dinitro-2-methylphenol	ND		1900	660	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
1,4-Dioxane	ND		770	120	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Fluoranthene	**500**		77	20	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Fluorene	**32**	**J**	77	15	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1

Client Sample ID: SSHS-IRM5A2-SCV32-0-0.17
Date Collected: 04/06/23 13:10
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-3
Matrix: Solid
Percent Solids: 87.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Hexachloroethane	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Indeno[1,2,3-cd]pyrene	**300**		77	38	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Isophorone	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2-Methylnaphthalene	**110**		77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Naphthalene	**160**		77	15	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
3-Nitroaniline	ND		1900	97	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Nitrobenzene	ND		770	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Phenanthrene	**230**		77	20	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Phenol	ND		380	120	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
Pyrene	**640**		77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*44 - 105*	*04/13/23 10:13*	*04/15/23 11:12*	*1*
2-Fluorophenol (Surr)	*65*		*48 - 105*	*04/13/23 10:13*	*04/15/23 11:12*	*1*
Nitrobenzene-d5 (Surr)	*81*		*46 - 105*	*04/13/23 10:13*	*04/15/23 11:12*	*1*
Phenol-d5 (Surr)	*73*		*46 - 105*	*04/13/23 10:13*	*04/15/23 11:12*	*1*
Terphenyl-d14 (Surr)	*77*		*39 - 105*	*04/13/23 10:13*	*04/15/23 11:12*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*34 - 108*	*04/13/23 10:13*	*04/15/23 11:12*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	04/12/23 11:18	04/14/23 09:04	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/12/23 11:18	04/14/23 09:04	1
PCB-1232	ND		18	4.5	ug/Kg	☼	04/12/23 11:18	04/14/23 09:04	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 09:04	1
PCB-1248	ND		18	4.4	ug/Kg	☼	04/12/23 11:18	04/14/23 09:04	1
PCB-1254	ND		18	5.5	ug/Kg	☼	04/12/23 11:18	04/14/23 09:04	1
PCB-1260	**14**	**J**	18	5.2	ug/Kg	☼	04/12/23 11:18	04/14/23 09:04	1
PCB-1262	ND		18	6.5	ug/Kg	☼	04/12/23 11:18	04/14/23 09:04	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/12/23 11:18	04/14/23 09:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/12/23 11:18*	*04/14/23 09:04*	*1*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*	*04/12/23 11:18*	*04/14/23 09:04*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*	*04/12/23 11:18*	*04/14/23 09:04*	*1*

Client Sample ID: SSHS-IRM5A2-SCV32-0-0.17

Lab Sample ID: 180-154713-3
Date Collected: 04/06/23 13:10
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 87.5

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*98*		*55 - 135*	*04/12/23 11:18*	*04/14/23 09:04*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8300**	**F2**	16	4.0	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1
Antimony	ND	F2 F1	8.0	2.4	mg/Kg	☼	04/13/23 11:08	05/01/23 15:34	10
Arsenic	**20**	**F2 F1**	8.0	5.0	mg/Kg	☼	04/13/23 11:08	05/01/23 15:34	10
Barium	**100**	**F1**	16	2.9	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1
Beryllium	**0.56**	**F2**	0.32	0.088	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1
Cadmium	**3.1**	**J F2 F1**	4.0	0.59	mg/Kg	☼	04/13/23 11:08	05/01/23 15:34	10
Calcium	**2900**	**F2 F1**	400	52	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1
Chromium	**55**	**F2 F1**	0.40	0.37	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1
Cobalt	**11**	**J F2 F1**	40	5.7	mg/Kg	☼	04/13/23 11:08	05/01/23 15:34	10
Copper	**250**	**F2**	20	12	mg/Kg	☼	04/13/23 11:08	05/01/23 15:34	10
Iron	**170000**	**F2**	80	78	mg/Kg	☼	04/13/23 11:08	05/01/23 15:34	10
Lead	**95**	**F2 F1**	8.0	7.0	mg/Kg	☼	04/13/23 11:08	05/01/23 15:34	10
Magnesium	**1800**	**F2 F1**	400	44	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1
Manganese	**760**	**F2**	1.2	0.22	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1
Nickel	**93**	**F2 F1**	32	4.1	mg/Kg	☼	04/13/23 11:08	05/01/23 15:34	10
Potassium	**470**	**F2**	400	68	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1
Selenium	ND	F2	0.80	0.37	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1
Silver	**0.12**	**J F2**	0.40	0.084	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1
Sodium	**90**	**J F2**	400	41	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1
Thallium	ND	F2 F1	16	2.3	mg/Kg	☼	04/13/23 11:08	05/01/23 15:34	10
Vanadium	**23**	**F1**	4.0	0.64	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1
Zinc	**210**	**F2 B**	1.6	1.2	mg/Kg	☼	04/13/23 11:08	04/29/23 23:23	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.065**		0.036	0.023	mg/Kg	☼	04/27/23 08:30	04/28/23 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**12.5**		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	**87.5**		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV32-0.17-0.75

Lab Sample ID: 180-154713-4
Date Collected: 04/06/23 13:15
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 86.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.1	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Benzene	ND		5.3	1.5	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Bromoform	ND		5.3	2.7	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Bromomethane	ND		5.3	2.4	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
2-Butanone (MEK)	ND	*+	5.3	2.7	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Carbon disulfide	ND		5.3	4.2	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Carbon tetrachloride	ND		5.3	2.1	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Chlorobenzene	ND		5.3	1.4	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV32-0.17-0.75
Date Collected: 04/06/23 13:15
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-4
Matrix: Solid
Percent Solids: 86.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		5.3	3.2	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Chlorodibromomethane	ND		5.3	2.6	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Chloroethane	ND		5.3	3.1	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Chloroform	ND		5.3	1.7	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Chloromethane	ND		5.3	2.1	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
cis-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Cyclohexane	ND		5.3	2.5	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,2-Dibromo-3-Chloropropane	ND		5.3	3.4	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,2-Dibromoethane	ND		5.3	1.4	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,2-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,3-Dichlorobenzene	ND		5.3	3.3	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,4-Dichlorobenzene	ND		5.3	1.6	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Dichlorobromomethane	ND		5.3	2.5	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Dichlorodifluoromethane	ND	*+	5.3	2.6	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,1-Dichloroethane	ND		5.3	1.7	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,2-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,1-Dichloroethene	ND		5.3	2.4	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,2-Dichloroethene, Total	ND		11	4.3	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,2-Dichloropropane	ND		5.3	1.4	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,4-Dioxane	ND		1100	37	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Ethylbenzene	ND		5.3	2.0	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
2-Hexanone	ND		5.3	1.7	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Isopropylbenzene	ND		5.3	2.7	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Methyl acetate	ND	*+	26	7.8	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Methylcyclohexane	ND		5.3	2.5	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Methylene Chloride	ND		5.3	4.8	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.9	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Methyl tert-butyl ether	ND		5.3	1.6	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
m-Xylene & p-Xylene	ND		5.3	1.9	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
o-Xylene	ND		5.3	2.1	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Styrene	ND		5.3	1.6	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.6	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Tetrachloroethene	ND		5.3	2.1	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Toluene	ND		5.3	1.5	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
trans-1,2-Dichloroethene	ND		5.3	1.8	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
trans-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,2,3-Trichlorobenzene	ND		5.3	2.9	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,1,1-Trichloroethane	ND		5.3	1.8	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,1,2-Trichloroethane	ND		5.3	1.0	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Trichloroethene	ND		5.3	1.7	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Trichlorofluoromethane	ND		5.3	4.4	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	2.1	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Vinyl chloride	ND		5.3	3.8	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1
Xylenes, Total	ND		11	7.6	ug/Kg	☼	04/08/23 10:45	04/11/23 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*	*04/08/23 10:45*	*04/11/23 14:59*	*1*
Dibromofluoromethane (Surr)	*108*		*69 - 126*	*04/08/23 10:45*	*04/11/23 14:59*	*1*

Client Sample ID: SSHS-IRM5A2-SCV32-0.17-0.75
Date Collected: 04/06/23 13:15
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-4
Matrix: Solid
Percent Solids: 86.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*73 - 135*	*04/08/23 10:45*	*04/11/23 14:59*	*1*
Toluene-d8 (Surr)	*101*		*67 - 134*	*04/08/23 10:45*	*04/11/23 14:59*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Acenaphthylene	**120**		77	17	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Acetophenone	ND		770	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Anthracene	**50**	**J**	77	20	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Atrazine	ND		770	170	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Benzaldehyde	ND		770	48	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Benzo[a]anthracene	**160**		77	35	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Benzo[a]pyrene	**180**		77	33	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Benzo[b]fluoranthene	**230**		77	19	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Benzo[g,h,i]perylene	**140**		77	17	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Benzo[k]fluoranthene	**100**		77	23	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Bis(2-chloroethyl)ether	ND		77	14	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Butyl benzyl phthalate	ND		380	260	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Carbazole	ND		77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Chrysene	**180**		77	43	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Di-n-butyl phthalate	**250**	**J**	380	170	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
1,4-Dioxane	ND		770	120	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Fluoranthene	**160**		77	20	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Fluorene	ND		77	15	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Hexachlorobenzene	ND		77	28	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1

Client Sample ID: SSHS-IRM5A2-SCV32-0.17-0.75
Date Collected: 04/06/23 13:15
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-4
Matrix: Solid
Percent Solids: 86.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Indeno[1,2,3-cd]pyrene	**120**		77	38	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Isophorone	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2-Methylnaphthalene	**55**	**J**	77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Naphthalene	**47**	**J**	77	15	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2-Nitroaniline	ND		2000	170	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Nitrobenzene	ND		770	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Phenanthrene	**75**	**J**	77	21	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Phenol	ND		380	120	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
Pyrene	**210**		77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*44 - 105*	*04/13/23 10:13*	*04/15/23 11:34*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*04/13/23 10:13*	*04/15/23 11:34*	*1*
Nitrobenzene-d5 (Surr)	*90*		*46 - 105*	*04/13/23 10:13*	*04/15/23 11:34*	*1*
Phenol-d5 (Surr)	*77*		*46 - 105*	*04/13/23 10:13*	*04/15/23 11:34*	*1*
Terphenyl-d14 (Surr)	*84*		*39 - 105*	*04/13/23 10:13*	*04/15/23 11:34*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*34 - 108*	*04/13/23 10:13*	*04/15/23 11:34*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	04/12/23 11:18	04/14/23 09:22	1
PCB-1221	ND		19	6.6	ug/Kg	☼	04/12/23 11:18	04/14/23 09:22	1
PCB-1232	ND		19	4.6	ug/Kg	☼	04/12/23 11:18	04/14/23 09:22	1
PCB-1242	ND		19	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 09:22	1
PCB-1248	ND		19	4.5	ug/Kg	☼	04/12/23 11:18	04/14/23 09:22	1
PCB-1254	ND		19	5.6	ug/Kg	☼	04/12/23 11:18	04/14/23 09:22	1
PCB-1260	ND		19	5.3	ug/Kg	☼	04/12/23 11:18	04/14/23 09:22	1
PCB-1262	ND		19	6.6	ug/Kg	☼	04/12/23 11:18	04/14/23 09:22	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/12/23 11:18	04/14/23 09:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*96*		*63 - 138*	*04/12/23 11:18*	*04/14/23 09:22*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*04/12/23 11:18*	*04/14/23 09:22*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*55 - 135*	*04/12/23 11:18*	*04/14/23 09:22*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*55 - 135*	*04/12/23 11:18*	*04/14/23 09:22*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV32-0.17-0.75

Lab Sample ID: 180-154713-4
Date Collected: 04/06/23 13:15
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 86.9

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9200		12	3.0	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Antimony	ND		0.59	0.18	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Arsenic	7.8		0.59	0.37	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Barium	75		12	2.1	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Beryllium	0.46		0.24	0.065	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Cadmium	0.050	J	0.30	0.044	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Calcium	1600		300	38	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Chromium	12		0.30	0.27	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Cobalt	7.9		3.0	0.42	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Copper	46		1.5	0.90	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Iron	19000		5.9	5.8	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Lead	31		0.59	0.52	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Magnesium	2000		300	33	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Manganese	410		0.89	0.16	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Nickel	46		2.4	0.30	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Potassium	410		300	51	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Selenium	0.27	J	0.59	0.27	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Silver	ND		0.30	0.062	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Sodium	37	J	300	30	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Thallium	0.51	J	1.2	0.17	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Vanadium	15		3.0	0.47	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1
Zinc	72	B	1.2	0.86	mg/Kg	☼	04/13/23 11:08	04/29/23 23:58	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.035	0.023	mg/Kg	☼	04/27/23 08:30	04/28/23 12:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	13.1		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	86.9		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV32-0.75-1.75

Lab Sample ID: 180-154713-5
Date Collected: 04/06/23 13:20
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 88.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.1	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Benzene	ND		5.3	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Bromoform	ND		5.3	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Bromomethane	ND		5.3	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
2-Butanone (MEK)	ND	*+	5.3	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Carbon disulfide	ND		5.3	4.2	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Carbon tetrachloride	ND		5.3	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Chlorobenzene	ND		5.3	1.4	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Chlorobromomethane	ND		5.3	3.2	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Chlorodibromomethane	ND		5.3	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Chloroethane	ND		5.3	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Chloroform	ND		5.3	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1

Client Sample ID: SSHS-IRM5A2-SCV32-0.75-1.75
Date Collected: 04/06/23 13:20
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-5
Matrix: Solid
Percent Solids: 88.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.3	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
cis-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Cyclohexane	ND		5.3	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,2-Dibromo-3-Chloropropane	ND		5.3	3.4	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,2-Dibromoethane	ND		5.3	1.4	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,2-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,3-Dichlorobenzene	ND		5.3	3.3	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,4-Dichlorobenzene	ND		5.3	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Dichlorobromomethane	ND		5.3	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Dichlorodifluoromethane	ND	*+	5.3	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,1-Dichloroethane	ND		5.3	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,2-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,1-Dichloroethene	ND		5.3	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,2-Dichloroethene, Total	ND		11	4.3	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,2-Dichloropropane	ND		5.3	1.4	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,4-Dioxane	ND		1100	37	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Ethylbenzene	ND		5.3	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
2-Hexanone	ND		5.3	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Isopropylbenzene	ND		5.3	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Methyl acetate	ND	*+	26	7.8	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Methylcyclohexane	ND		5.3	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Methylene Chloride	ND		5.3	4.8	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Methyl tert-butyl ether	ND		5.3	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
m-Xylene & p-Xylene	ND		5.3	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
o-Xylene	ND		5.3	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Styrene	ND		5.3	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Tetrachloroethene	ND		5.3	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Toluene	ND		5.3	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
trans-1,2-Dichloroethene	ND		5.3	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
trans-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,2,3-Trichlorobenzene	ND		5.3	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,1,1-Trichloroethane	ND		5.3	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,1,2-Trichloroethane	ND		5.3	1.0	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Trichloroethene	ND		5.3	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Trichlorofluoromethane	ND		5.3	4.4	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Vinyl chloride	ND		5.3	3.8	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1
Xylenes, Total	ND		11	7.6	ug/Kg	☼	04/11/23 07:07	04/11/23 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*	*04/11/23 07:07*	*04/11/23 16:52*	*1*
Dibromofluoromethane (Surr)	*111*		*69 - 126*	*04/11/23 07:07*	*04/11/23 16:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*73 - 135*	*04/11/23 07:07*	*04/11/23 16:52*	*1*
Toluene-d8 (Surr)	*97*		*67 - 134*	*04/11/23 07:07*	*04/11/23 16:52*	*1*

Client Sample ID: SSHS-IRM5A2-SCV32-0.75-1.75

Date Collected: 04/06/23 13:20
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-5

Matrix: Solid
Percent Solids: 88.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	22	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Acenaphthylene	**200**		75	16	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Acetophenone	ND		750	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Anthracene	**92**		75	19	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Atrazine	ND		750	160	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Benzaldehyde	ND		750	46	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Benzo[a]anthracene	**270**		75	34	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Benzo[a]pyrene	**320**		75	32	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Benzo[b]fluoranthene	**420**		75	18	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Benzo[g,h,i]perylene	**260**		75	16	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Benzo[k]fluoranthene	**180**		75	22	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Bis(2-chloroethyl)ether	ND		75	14	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Butyl benzyl phthalate	ND		370	260	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Carbazole	**29**	**J**	75	17	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Chrysene	**320**		75	41	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Dibenz(a,h)anthracene	**58**	**J**	75	48	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Dibenzofuran	ND		370	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Dimethyl phthalate	ND		370	150	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Di-n-butyl phthalate	**340**	**J**	370	160	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
1,4-Dioxane	ND		750	120	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Fluoranthene	**380**		75	20	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Fluorene	**21**	**J**	75	15	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Hexachlorocyclopentadiene	ND		370	38	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Hexachloroethane	ND		370	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Indeno[1,2,3-cd]pyrene	**210**		75	37	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Isophorone	ND		370	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2-Methylnaphthalene	**72**	**J**	75	18	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2-Methylphenol	ND		370	110	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1

Client Sample ID: SSHS-IRM5A2-SCV32-0.75-1.75

Date Collected: 04/06/23 13:20
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-5

Matrix: Solid
Percent Solids: 88.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Naphthalene	**66**	**J**	75	15	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Nitrobenzene	ND		750	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Phenanthrene	**160**		75	20	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Phenol	ND		370	110	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
Pyrene	**450**		75	18	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	04/13/23 10:13	04/15/23 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*44 - 105*	*04/13/23 10:13*	*04/15/23 11:56*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*04/13/23 10:13*	*04/15/23 11:56*	*1*
Nitrobenzene-d5 (Surr)	*84*		*46 - 105*	*04/13/23 10:13*	*04/15/23 11:56*	*1*
Phenol-d5 (Surr)	*78*		*46 - 105*	*04/13/23 10:13*	*04/15/23 11:56*	*1*
Terphenyl-d14 (Surr)	*81*		*39 - 105*	*04/13/23 10:13*	*04/15/23 11:56*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*	*04/13/23 10:13*	*04/15/23 11:56*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	04/12/23 11:18	04/14/23 09:41	1
PCB-1221	ND		18	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 09:41	1
PCB-1232	ND		18	4.4	ug/Kg	☼	04/12/23 11:18	04/14/23 09:41	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 09:41	1
PCB-1248	ND		18	4.4	ug/Kg	☼	04/12/23 11:18	04/14/23 09:41	1
PCB-1254	ND		18	5.5	ug/Kg	☼	04/12/23 11:18	04/14/23 09:41	1
PCB-1260	ND		18	5.2	ug/Kg	☼	04/12/23 11:18	04/14/23 09:41	1
PCB-1262	ND		18	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 09:41	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/12/23 11:18	04/14/23 09:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*108*		*63 - 138*	*04/12/23 11:18*	*04/14/23 09:41*	*1*
DCB Decachlorobiphenyl (Surr)	*101*		*63 - 138*	*04/12/23 11:18*	*04/14/23 09:41*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*	*04/12/23 11:18*	*04/14/23 09:41*	*1*
Tetrachloro-m-xylene (Surr)	*107*		*55 - 135*	*04/12/23 11:18*	*04/14/23 09:41*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		16	4.0	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Antimony	ND		0.79	0.24	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1

Client Sample ID: SSHS-IRM5A2-SCV32-0.75-1.75

Lab Sample ID: 180-154713-5

Date Collected: 04/06/23 13:20
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 88.7

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.6		0.79	0.50	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Barium	110		16	2.8	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Beryllium	0.58		0.32	0.087	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Cadmium	0.091	J	0.40	0.058	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Calcium	2900		400	51	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Chromium	14		0.40	0.36	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Cobalt	8.8		4.0	0.56	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Copper	64		2.0	1.2	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Iron	24000		7.9	7.7	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Lead	42		0.79	0.69	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Magnesium	2200		400	44	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Manganese	560		1.2	0.22	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Nickel	57		3.2	0.40	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Potassium	700		400	68	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Selenium	0.44	J	0.79	0.37	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Silver	ND		0.40	0.083	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Sodium	92	J	400	41	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Thallium	0.74	J	1.6	0.23	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Vanadium	17		4.0	0.63	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1
Zinc	100	B	1.6	1.2	mg/Kg	☼	04/13/23 11:08	04/30/23 00:03	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.089		0.034	0.022	mg/Kg	☼	04/27/23 08:30	04/28/23 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	11.3		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	88.7		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV33-0-0.17

Lab Sample ID: 180-154713-6

Date Collected: 04/06/23 13:25
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.4	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Benzene	ND		5.6	1.6	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Bromomethane	ND		5.6	2.5	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
2-Butanone (MEK)	ND		5.6	2.8	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Carbon disulfide	ND		5.6	4.5	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Carbon tetrachloride	ND		5.6	2.3	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Chlorobenzene	ND		5.6	1.5	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Chlorobromomethane	ND		5.6	3.3	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Chlorodibromomethane	ND		5.6	2.8	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Chloroethane	ND		5.6	3.3	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Chloroform	ND		5.6	1.8	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Chloromethane	ND		5.6	2.2	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV33-0-0.17
Date Collected: 04/06/23 13:25
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-6
Matrix: Solid
Percent Solids: 83.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Cyclohexane	ND		5.6	2.7	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,2-Dibromo-3-Chloropropane	ND		5.6	3.6	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,2-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,3-Dichlorobenzene	ND		5.6	3.4	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,4-Dichlorobenzene	ND		5.6	1.7	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Dichlorobromomethane	ND		5.6	2.6	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Dichlorodifluoromethane	ND		5.6	2.8	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,1-Dichloroethane	ND		5.6	1.8	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,2-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,1-Dichloroethene	ND		5.6	2.5	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,2-Dichloropropane	ND		5.6	1.5	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Ethylbenzene	ND		5.6	2.1	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
2-Hexanone	ND		5.6	1.8	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Isopropylbenzene	ND		5.6	2.9	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Methyl acetate	ND		28	8.2	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Methylcyclohexane	ND		5.6	2.7	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Methylene Chloride	ND		5.6	5.0	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.6	2.0	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Methyl tert-butyl ether	ND		5.6	1.6	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
m-Xylene & p-Xylene	ND		5.6	2.0	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
o-Xylene	ND		5.6	2.2	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Styrene	ND		5.6	1.7	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.7	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Tetrachloroethene	ND		5.6	2.2	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Toluene	ND		5.6	1.6	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
trans-1,2-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,2,3-Trichlorobenzene	ND		5.6	3.1	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,2,4-Trichlorobenzene	ND		5.6	2.8	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,1,1-Trichloroethane	ND		5.6	1.9	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,1,2-Trichloroethane	ND		5.6	1.1	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Trichloroethene	ND		5.6	1.8	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Trichlorofluoromethane	ND		5.6	4.6	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	2.2	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Vinyl chloride	ND		5.6	4.0	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1
Xylenes, Total	ND		11	8.1	ug/Kg	☼	04/08/23 10:45	04/09/23 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*	*04/08/23 10:45*	*04/09/23 01:04*	*1*
Dibromofluoromethane (Surr)	*115*		*69 - 126*	*04/08/23 10:45*	*04/09/23 01:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*73 - 135*	*04/08/23 10:45*	*04/09/23 01:04*	*1*
Toluene-d8 (Surr)	*103*		*67 - 134*	*04/08/23 10:45*	*04/09/23 01:04*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV33-0-0.17
Date Collected: 04/06/23 13:25
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-6
Matrix: Solid
Percent Solids: 83.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**290**		77	17	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Acetophenone	ND		770	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Anthracene	**160**		77	20	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Atrazine	ND		770	170	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Benzaldehyde	ND		770	48	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Benzo[a]anthracene	**470**		77	35	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Benzo[a]pyrene	**490**		77	33	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Benzo[b]fluoranthene	**740**		77	19	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Benzo[g,h,i]perylene	**380**		77	17	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Benzo[k]fluoranthene	**170**		77	23	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Bis(2-chloroethyl)ether	ND		77	14	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Butyl benzyl phthalate	ND		380	260	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Carbazole	**34**	**J**	77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Chrysene	**550**		77	43	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Dibenz(a,h)anthracene	**100**		77	49	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Di-n-butyl phthalate	**230**	**J**	380	170	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
1,4-Dioxane	ND		770	120	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Fluoranthene	**720**		77	20	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Fluorene	**33**	**J**	77	15	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Hexachlorobenzene	ND		77	28	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Hexachlorobutadiene	ND		77	23	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Hexachloroethane	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Indeno[1,2,3-cd]pyrene	**310**		77	38	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Isophorone	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2-Methylnaphthalene	**75**	**J**	77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV33-0-0.17
Date Collected: 04/06/23 13:25
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-6
Matrix: Solid
Percent Solids: 83.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**72**	**J**	77	15	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Nitrobenzene	ND		770	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2,2'-oxybis[1-chloropropane]	ND		77	29	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Phenanthrene	**350**		77	21	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Phenol	ND		380	120	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
Pyrene	**870**		77	18	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*44 - 105*	*04/13/23 10:13*	*04/15/23 12:18*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*04/13/23 10:13*	*04/15/23 12:18*	*1*
Nitrobenzene-d5 (Surr)	*67*		*46 - 105*	*04/13/23 10:13*	*04/15/23 12:18*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*04/13/23 10:13*	*04/15/23 12:18*	*1*
Terphenyl-d14 (Surr)	*63*		*39 - 105*	*04/13/23 10:13*	*04/15/23 12:18*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*34 - 108*	*04/13/23 10:13*	*04/15/23 12:18*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	04/12/23 11:18	04/14/23 10:00	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/12/23 11:18	04/14/23 10:00	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/12/23 11:18	04/14/23 10:00	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/12/23 11:18	04/14/23 10:00	1
PCB-1248	ND		20	4.8	ug/Kg	☼	04/12/23 11:18	04/14/23 10:00	1
PCB-1254	ND		20	6.0	ug/Kg	☼	04/12/23 11:18	04/14/23 10:00	1
PCB-1260	**24**		20	5.7	ug/Kg	☼	04/12/23 11:18	04/14/23 10:00	1
PCB-1262	ND		20	7.0	ug/Kg	☼	04/12/23 11:18	04/14/23 10:00	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 10:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/12/23 11:18*	*04/14/23 10:00*	*1*
DCB Decachlorobiphenyl (Surr)	*96*		*63 - 138*	*04/12/23 11:18*	*04/14/23 10:00*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*55 - 135*	*04/12/23 11:18*	*04/14/23 10:00*	*1*
Tetrachloro-m-xylene (Surr)	*98*		*55 - 135*	*04/12/23 11:18*	*04/14/23 10:00*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8200**		15	3.7	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Antimony	ND		0.75	0.23	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Arsenic	**9.8**		0.75	0.47	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1

Client Sample ID: SSHS-IRM5A2-SCV33-0-0.17

Lab Sample ID: 180-154713-6
Date Collected: 04/06/23 13:25
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	86		15	2.7	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Beryllium	0.45		0.30	0.081	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Cadmium	0.36	J	0.37	0.055	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Calcium	3600		370	48	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Chromium	15		0.37	0.34	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Cobalt	7.5		3.7	0.53	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Copper	55		1.9	1.1	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Iron	20000		7.5	7.3	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Lead	60		0.75	0.65	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Magnesium	2300		370	41	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Manganese	450		1.1	0.21	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Nickel	30		3.0	0.38	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Potassium	1300		370	63	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Selenium	0.37	J	0.75	0.34	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Silver	ND		0.37	0.078	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Sodium	45	J	370	38	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Thallium	0.56	J	1.5	0.21	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Vanadium	16		3.7	0.59	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1
Zinc	170	B	1.5	1.1	mg/Kg	☼	04/13/23 11:08	04/30/23 00:08	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.071		0.038	0.024	mg/Kg	☼	04/27/23 08:30	04/28/23 12:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	16.2		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	83.8		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV33-0.17-0.75

Lab Sample ID: 180-154713-7
Date Collected: 04/06/23 13:30
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Benzene	ND		5.5	1.6	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
2-Butanone (MEK)	110		5.5	2.8	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV33-0.17-0.75
Date Collected: 04/06/23 13:30
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-7
Matrix: Solid
Percent Solids: 90.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.6	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,2-Dichlorobenzene	ND		5.5	1.9	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,4-Dichlorobenzene	ND		5.5	1.7	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Dichlorodifluoromethane	ND		5.5	2.8	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Isopropylbenzene	ND		5.5	2.9	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Methyl acetate	ND		28	8.1	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Methylcyclohexane	ND		5.5	2.7	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Methylene Chloride	ND		5.5	5.0	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
m-Xylene & p-Xylene	ND		5.5	2.0	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Styrene	ND		5.5	1.7	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Trichlorofluoromethane	ND		5.5	4.6	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Vinyl chloride	ND		5.5	4.0	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1
Xylenes, Total	ND		11	8.0	ug/Kg	☼	04/08/23 10:45	04/09/23 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*60 - 124*	*04/08/23 10:45*	*04/09/23 00:19*	*1*
Dibromofluoromethane (Surr)	*119*		*69 - 126*	*04/08/23 10:45*	*04/09/23 00:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*73 - 135*	*04/08/23 10:45*	*04/09/23 00:19*	*1*
Toluene-d8 (Surr)	*106*		*67 - 134*	*04/08/23 10:45*	*04/09/23 00:19*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		73	21	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Acenaphthylene	**210**		73	16	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1

Client Sample ID: SSHS-IRM5A2-SCV33-0.17-0.75
Date Collected: 04/06/23 13:30
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-7
Matrix: Solid
Percent Solids: 90.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		730	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Anthracene	**110**		73	19	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Atrazine	ND		730	160	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Benzaldehyde	ND		730	45	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Benzo[a]anthracene	**420**		73	33	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Benzo[a]pyrene	**320**		73	31	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Benzo[b]fluoranthene	**540**		73	18	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Benzo[g,h,i]perylene	**290**		73	16	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Benzo[k]fluoranthene	**220**		73	22	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Bis(2-chloroethyl)ether	ND		73	13	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
4-Bromophenyl phenyl ether	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Caprolactam	ND		1800	240	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Carbazole	**30**	**J**	73	17	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
4-Chloroaniline	ND		360	95	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2-Chloronaphthalene	ND		73	17	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Chrysene	**500**		73	40	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Dibenz(a,h)anthracene	**96**		73	46	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Dibenzofuran	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2,4-Dichlorophenol	ND		73	28	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Dimethyl phthalate	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Di-n-butyl phthalate	**240**	**J**	360	160	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
4,6-Dinitro-2-methylphenol	ND		1800	620	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2,4-Dinitrophenol	ND		3600	2200	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
1,4-Dioxane	ND		730	110	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Fluoranthene	**760**		73	19	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Fluorene	**23**	**J**	73	14	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Hexachlorobenzene	ND		73	26	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Hexachlorobutadiene	ND		73	21	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Hexachlorocyclopentadiene	ND		360	37	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Indeno[1,2,3-cd]pyrene	**240**		73	36	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Isophorone	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2-Methylnaphthalene	**81**		73	17	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2-Methylphenol	ND		360	100	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Naphthalene	**58**	**J**	73	14	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1

Client Sample ID: SSHS-IRM5A2-SCV33-0.17-0.75
Date Collected: 04/06/23 13:30
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-7
Matrix: Solid
Percent Solids: 90.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		1800	170	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
3-Nitroaniline	ND		1800	92	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Nitrobenzene	ND		730	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
N-Nitrosodi-n-propylamine	ND		73	25	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2,2'-oxybis[1-chloropropane]	ND		73	27	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Pentachlorophenol	ND		1800	580	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Phenanthrene	**600**		73	19	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Phenol	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
Pyrene	**840**		73	17	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*44 - 105*	*04/13/23 10:13*	*04/15/23 12:39*	*1*
2-Fluorophenol (Surr)	*62*		*48 - 105*	*04/13/23 10:13*	*04/15/23 12:39*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*	*04/13/23 10:13*	*04/15/23 12:39*	*1*
Phenol-d5 (Surr)	*71*		*46 - 105*	*04/13/23 10:13*	*04/15/23 12:39*	*1*
Terphenyl-d14 (Surr)	*69*		*39 - 105*	*04/13/23 10:13*	*04/15/23 12:39*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*34 - 108*	*04/13/23 10:13*	*04/15/23 12:39*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	04/12/23 11:18	04/14/23 10:18	1
PCB-1221	ND		18	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 10:18	1
PCB-1232	ND		18	4.4	ug/Kg	☼	04/12/23 11:18	04/14/23 10:18	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 10:18	1
PCB-1248	ND		18	4.3	ug/Kg	☼	04/12/23 11:18	04/14/23 10:18	1
PCB-1254	ND		18	5.4	ug/Kg	☼	04/12/23 11:18	04/14/23 10:18	1
PCB-1260	**9.1**	**J**	18	5.1	ug/Kg	☼	04/12/23 11:18	04/14/23 10:18	1
PCB-1262	ND		18	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 10:18	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/12/23 11:18	04/14/23 10:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/12/23 11:18*	*04/14/23 10:18*	*1*
DCB Decachlorobiphenyl (Surr)	*91*		*63 - 138*	*04/12/23 11:18*	*04/14/23 10:18*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*04/12/23 11:18*	*04/14/23 10:18*	*1*
Tetrachloro-m-xylene (Surr)	*98*		*55 - 135*	*04/12/23 11:18*	*04/14/23 10:18*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13000**		14	3.5	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Antimony	ND		0.70	0.21	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Arsenic	**8.4**		0.70	0.44	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Barium	**180**		14	2.5	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1

Client Sample ID: SSHS-IRM5A2-SCV33-0.17-0.75

Lab Sample ID: 180-154713-7

Date Collected: 04/06/23 13:30
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.3

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	**0.62**		0.28	0.076	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Cadmium	**0.14**	**J**	0.35	0.051	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Calcium	**5600**		350	45	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Chromium	**14**		0.35	0.32	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Cobalt	**7.7**		3.5	0.49	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Copper	**41**		1.8	1.1	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Iron	**27000**		7.0	6.8	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Lead	**31**		0.70	0.61	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Magnesium	**2000**		350	38	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Manganese	**370**		1.1	0.19	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Nickel	**23**		2.8	0.35	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Potassium	**820**		350	60	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Selenium	ND		0.70	0.32	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Silver	ND		0.35	0.073	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Sodium	**320**	**J**	350	36	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Thallium	**0.42**	**J**	1.4	0.20	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Vanadium	**20**		3.5	0.55	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1
Zinc	**79**	**B**	1.4	1.0	mg/Kg	☼	04/13/23 11:08	04/30/23 00:13	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.049**		0.034	0.022	mg/Kg	☼	04/27/23 08:30	04/28/23 12:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**9.7**		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	**90.3**		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV33-0.75-1.75

Lab Sample ID: 180-154713-8

Date Collected: 04/06/23 13:35
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.1	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Benzene	ND		5.3	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Bromoform	ND		5.3	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Bromomethane	ND		5.3	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
2-Butanone (MEK)	**120**		5.3	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Carbon disulfide	ND		5.3	4.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Carbon tetrachloride	ND		5.3	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Chlorobenzene	ND		5.3	1.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Chlorobromomethane	ND		5.3	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Chlorodibromomethane	ND		5.3	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Chloroethane	ND		5.3	3.1	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Chloroform	ND		5.3	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Chloromethane	ND		5.3	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
cis-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Cyclohexane	ND		5.3	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV33-0.75-1.75
Date Collected: 04/06/23 13:35
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-8
Matrix: Solid
Percent Solids: 90.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.3	3.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,2-Dibromoethane	ND		5.3	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,2-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,3-Dichlorobenzene	ND		5.3	3.3	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,4-Dichlorobenzene	ND		5.3	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Dichlorobromomethane	ND		5.3	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Dichlorodifluoromethane	ND		5.3	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,1-Dichloroethane	ND		5.3	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,2-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,1-Dichloroethene	ND		5.3	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,2-Dichloroethene, Total	ND		11	4.3	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,2-Dichloropropane	ND		5.3	1.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Ethylbenzene	ND		5.3	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
2-Hexanone	ND		5.3	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Isopropylbenzene	ND		5.3	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Methyl acetate	ND		26	7.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Methylcyclohexane	ND		5.3	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Methylene Chloride	ND		5.3	4.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Methyl tert-butyl ether	ND		5.3	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
m-Xylene & p-Xylene	ND		5.3	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
o-Xylene	ND		5.3	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Styrene	ND		5.3	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Tetrachloroethene	ND		5.3	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Toluene	ND		5.3	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
trans-1,2-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
trans-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,2,3-Trichlorobenzene	ND		5.3	2.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,1,1-Trichloroethane	ND		5.3	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,1,2-Trichloroethane	ND		5.3	1.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Trichloroethene	ND		5.3	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Trichlorofluoromethane	ND		5.3	4.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Vinyl chloride	ND		5.3	3.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1
Xylenes, Total	ND		11	7.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*60 - 124*	*04/08/23 10:45*	*04/08/23 23:56*	*1*
Dibromofluoromethane (Surr)	*113*		*69 - 126*	*04/08/23 10:45*	*04/08/23 23:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*73 - 135*	*04/08/23 10:45*	*04/08/23 23:56*	*1*
Toluene-d8 (Surr)	*99*		*67 - 134*	*04/08/23 10:45*	*04/08/23 23:56*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Acenaphthylene	**130**		74	16	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Acetophenone	ND		740	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV33-0.75-1.75
Date Collected: 04/06/23 13:35
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-8
Matrix: Solid
Percent Solids: 90.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**55**	**J**	74	19	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Atrazine	ND		740	160	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Benzo[a]anthracene	**130**		74	33	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Benzo[a]pyrene	**170**		74	32	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Benzo[b]fluoranthene	**240**		74	18	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Benzo[g,h,i]perylene	**130**		74	16	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Benzo[k]fluoranthene	**71**	**J**	74	22	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Carbazole	ND		74	17	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Chrysene	**160**		74	41	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Di-n-butyl phthalate	**240**	**J**	360	160	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Fluoranthene	**180**		74	19	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Fluorene	ND		74	14	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Hexachlorobutadiene	ND		74	21	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Indeno[1,2,3-cd]pyrene	**120**		74	37	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Isophorone	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2-Methylnaphthalene	**95**		74	18	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Naphthalene	**76**		74	14	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1

Client Sample ID: SSHS-IRM5A2-SCV33-0.75-1.75
Date Collected: 04/06/23 13:35
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-8
Matrix: Solid
Percent Solids: 90.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		1900	93	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Phenanthrene	**97**		74	20	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Phenol	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
Pyrene	**230**		74	17	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*44 - 105*	*04/13/23 10:13*	*04/15/23 13:01*	*1*
2-Fluorophenol (Surr)	*60*		*48 - 105*	*04/13/23 10:13*	*04/15/23 13:01*	*1*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*	*04/13/23 10:13*	*04/15/23 13:01*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*04/13/23 10:13*	*04/15/23 13:01*	*1*
Terphenyl-d14 (Surr)	*68*		*39 - 105*	*04/13/23 10:13*	*04/15/23 13:01*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*34 - 108*	*04/13/23 10:13*	*04/15/23 13:01*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	04/12/23 11:18	04/14/23 10:37	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/12/23 11:18	04/14/23 10:37	1
PCB-1232	ND		18	4.4	ug/Kg	☼	04/12/23 11:18	04/14/23 10:37	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 10:37	1
PCB-1248	ND		18	4.4	ug/Kg	☼	04/12/23 11:18	04/14/23 10:37	1
PCB-1254	ND		18	5.5	ug/Kg	☼	04/12/23 11:18	04/14/23 10:37	1
PCB-1260	**8.5**	**J**	18	5.2	ug/Kg	☼	04/12/23 11:18	04/14/23 10:37	1
PCB-1262	ND		18	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 10:37	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/12/23 11:18	04/14/23 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*83*		*63 - 138*	*04/12/23 11:18*	*04/14/23 10:37*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*04/12/23 11:18*	*04/14/23 10:37*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*55 - 135*	*04/12/23 11:18*	*04/14/23 10:37*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*55 - 135*	*04/12/23 11:18*	*04/14/23 10:37*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		12	2.9	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Antimony	ND		0.59	0.18	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Arsenic	**8.8**		0.59	0.37	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Barium	**100**		12	2.1	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Beryllium	**0.47**		0.24	0.064	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1

Client Sample ID: SSHS-IRM5A2-SCV33-0.75-1.75

Lab Sample ID: 180-154713-8

Date Collected: 04/06/23 13:35
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.3

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.13	J	0.29	0.043	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Calcium	3300		290	38	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Chromium	12		0.29	0.27	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Cobalt	9.1		2.9	0.41	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Copper	49		1.5	0.89	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Iron	21000		5.9	5.7	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Lead	39		0.59	0.51	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Magnesium	2900		290	32	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Manganese	400		0.88	0.16	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Nickel	29		2.4	0.30	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Potassium	590		290	50	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Selenium	ND		0.59	0.27	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Silver	ND		0.29	0.061	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Sodium	80	J	290	30	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Thallium	0.40	J	1.2	0.17	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Vanadium	16		2.9	0.47	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1
Zinc	98	B	1.2	0.85	mg/Kg	☼	04/13/23 11:08	04/30/23 00:18	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.057		0.034	0.022	mg/Kg	☼	04/27/23 08:30	04/28/23 12:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	9.7		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	90.3		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV34-0-0.17

Lab Sample ID: 180-154713-9

Date Collected: 04/06/23 13:40
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.0	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Benzene	ND		5.2	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Bromoform	ND		5.2	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Bromomethane	ND		5.2	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
2-Butanone (MEK)	ND		5.2	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Carbon disulfide	ND		5.2	4.1	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Carbon tetrachloride	ND		5.2	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Chlorobenzene	ND		5.2	1.3	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Chlorobromomethane	ND		5.2	3.1	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Chlorodibromomethane	ND		5.2	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Chloroethane	ND		5.2	3.0	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Chloroform	ND		5.2	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Chloromethane	ND		5.2	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
cis-1,2-Dichloroethene	ND		5.2	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
cis-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Cyclohexane	ND		5.2	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,2-Dibromo-3-Chloropropane	ND		5.2	3.3	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV34-0-0.17
Date Collected: 04/06/23 13:40
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-9
Matrix: Solid
Percent Solids: 90.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		5.2	1.4	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,2-Dichlorobenzene	ND		5.2	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,3-Dichlorobenzene	ND		5.2	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,4-Dichlorobenzene	ND		5.2	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Dichlorobromomethane	ND		5.2	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Dichlorodifluoromethane	ND		5.2	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,1-Dichloroethane	ND		5.2	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,2-Dichloroethane	ND		5.2	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,1-Dichloroethene	ND		5.2	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,2-Dichloroethene, Total	ND		10	4.2	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,2-Dichloropropane	ND		5.2	1.4	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,4-Dioxane	ND		1000	37	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Ethylbenzene	ND		5.2	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
2-Hexanone	ND		5.2	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Isopropylbenzene	ND		5.2	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Methyl acetate	ND		26	7.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Methylcyclohexane	ND		5.2	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Methylene Chloride	ND		5.2	4.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.2	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Methyl tert-butyl ether	ND		5.2	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
m-Xylene & p-Xylene	ND		5.2	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
o-Xylene	ND		5.2	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Styrene	ND		5.2	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,1,2,2-Tetrachloroethane	ND		5.2	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Tetrachloroethene	ND		5.2	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Toluene	ND		5.2	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
trans-1,2-Dichloroethene	ND		5.2	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
trans-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,2,3-Trichlorobenzene	ND		5.2	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,2,4-Trichlorobenzene	ND		5.2	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,1,1-Trichloroethane	ND		5.2	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,1,2-Trichloroethane	ND		5.2	1.0	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Trichloroethene	ND		5.2	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Trichlorofluoromethane	ND		5.2	4.3	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Vinyl chloride	ND		5.2	3.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1
Xylenes, Total	ND		10	7.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*60 - 124*	*04/08/23 10:45*	*04/08/23 20:32*	*1*
Dibromofluoromethane (Surr)	*116*		*69 - 126*	*04/08/23 10:45*	*04/08/23 20:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*136*	*S1+*	*73 - 135*	*04/08/23 10:45*	*04/08/23 20:32*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/08/23 10:45*	*04/08/23 20:32*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Acenaphthylene	**290**		74	16	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Acetophenone	ND		740	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Anthracene	**140**		74	19	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV34-0-0.17
Date Collected: 04/06/23 13:40
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-9
Matrix: Solid
Percent Solids: 90.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		740	160	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Benzo[a]anthracene	**360**		74	33	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Benzo[a]pyrene	**440**		74	32	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Benzo[b]fluoranthene	**620**		74	18	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Benzo[g,h,i]perylene	**340**		74	16	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Benzo[k]fluoranthene	**180**		74	22	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Carbazole	**26**	**J**	74	17	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Chrysene	**420**		74	41	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Dibenz(a,h)anthracene	**90**		74	47	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Di-n-butyl phthalate	**280**	**J**	360	160	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Fluoranthene	**530**		74	19	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Fluorene	**30**	**J**	74	14	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Indeno[1,2,3-cd]pyrene	**260**		74	37	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Isophorone	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2-Methylnaphthalene	**73**	**J**	74	18	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Naphthalene	**75**		74	14	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1

Client Sample ID: SSHS-IRM5A2-SCV34-0-0.17
Date Collected: 04/06/23 13:40
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-9
Matrix: Solid
Percent Solids: 90.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Phenanthrene	**200**		74	20	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Phenol	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
Pyrene	**620**		74	17	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*44 - 105*	*04/13/23 10:13*	*04/15/23 13:23*	*1*
2-Fluorophenol (Surr)	*49*		*48 - 105*	*04/13/23 10:13*	*04/15/23 13:23*	*1*
Nitrobenzene-d5 (Surr)	*63*		*46 - 105*	*04/13/23 10:13*	*04/15/23 13:23*	*1*
Phenol-d5 (Surr)	*56*		*46 - 105*	*04/13/23 10:13*	*04/15/23 13:23*	*1*
Terphenyl-d14 (Surr)	*59*		*39 - 105*	*04/13/23 10:13*	*04/15/23 13:23*	*1*
2,4,6-Tribromophenol (Surr)	*57*		*34 - 108*	*04/13/23 10:13*	*04/15/23 13:23*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.0	ug/Kg	☼	04/12/23 11:18	04/14/23 10:56	1
PCB-1221	ND		19	6.6	ug/Kg	☼	04/12/23 11:18	04/14/23 10:56	1
PCB-1232	ND		19	4.5	ug/Kg	☼	04/12/23 11:18	04/14/23 10:56	1
PCB-1242	ND		19	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 10:56	1
PCB-1248	ND		19	4.4	ug/Kg	☼	04/12/23 11:18	04/14/23 10:56	1
PCB-1254	**54**		19	5.6	ug/Kg	☼	04/12/23 11:18	04/14/23 10:56	1
PCB-1260	**36**		19	5.3	ug/Kg	☼	04/12/23 11:18	04/14/23 10:56	1
PCB-1262	ND		19	6.5	ug/Kg	☼	04/12/23 11:18	04/14/23 10:56	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/12/23 11:18	04/14/23 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*04/12/23 11:18*	*04/14/23 10:56*	*1*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/12/23 11:18*	*04/14/23 10:56*	*1*
Tetrachloro-m-xylene (Surr)	*98*		*55 - 135*	*04/12/23 11:18*	*04/14/23 10:56*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*55 - 135*	*04/12/23 11:18*	*04/14/23 10:56*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7100**		13	3.2	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Antimony	ND		0.65	0.20	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Arsenic	**12**		3.2	2.0	mg/Kg	☼	04/13/23 11:08	05/01/23 15:54	5
Barium	**79**		13	2.3	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Beryllium	**0.40**		0.26	0.070	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Cadmium	**1.2**	**J**	1.6	0.24	mg/Kg	☼	04/13/23 11:08	05/01/23 15:54	5

Client Sample ID: SSHS-IRM5A2-SCV34-0-0.17

Lab Sample ID: 180-154713-9

Date Collected: 04/06/23 13:40
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.1

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	3900		320	42	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Chromium	18		0.32	0.29	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Cobalt	8.8		3.2	0.45	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Copper	80		1.6	0.97	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Iron	30000		32	31	mg/Kg	☼	04/13/23 11:08	05/01/23 15:54	5
Lead	68		3.2	2.8	mg/Kg	☼	04/13/23 11:08	05/01/23 15:54	5
Magnesium	2100		320	35	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Manganese	430		0.97	0.18	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Nickel	46		2.6	0.33	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Potassium	1000		320	55	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Selenium	0.42	J	0.65	0.30	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Silver	ND		0.32	0.067	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Sodium	53	J	320	33	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Thallium	ND		6.5	0.92	mg/Kg	☼	04/13/23 11:08	05/01/23 15:54	5
Vanadium	15		3.2	0.51	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1
Zinc	190	B	1.3	0.94	mg/Kg	☼	04/13/23 11:08	04/30/23 00:23	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.033	0.021	mg/Kg	☼	04/27/23 08:30	04/28/23 12:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	9.9		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	90.1		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV34-0.17-0.75

Lab Sample ID: 180-154713-10

Date Collected: 04/06/23 13:45
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 88.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.2	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Benzene	ND		5.4	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Bromoform	ND		5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Bromomethane	ND		5.4	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
2-Butanone (MEK)	ND		5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Carbon disulfide	ND		5.4	4.3	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Carbon tetrachloride	ND		5.4	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Chlorobenzene	ND		5.4	1.4	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Chlorobromomethane	ND		5.4	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Chlorodibromomethane	ND		5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Chloroethane	ND		5.4	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Chloroform	ND		5.4	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Chloromethane	ND		5.4	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
cis-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Cyclohexane	ND		5.4	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,2-Dibromo-3-Chloropropane	ND		5.4	3.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,2-Dibromoethane	ND		5.4	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1

Client Sample ID: SSHS-IRM5A2-SCV34-0.17-0.75
Date Collected: 04/06/23 13:45
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-10
Matrix: Solid
Percent Solids: 88.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,3-Dichlorobenzene	ND		5.4	3.3	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,4-Dichlorobenzene	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Dichlorobromomethane	ND		5.4	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Dichlorodifluoromethane	ND		5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,1-Dichloroethane	ND		5.4	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,2-Dichloroethane	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,1-Dichloroethene	ND		5.4	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,2-Dichloropropane	ND		5.4	1.4	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Ethylbenzene	ND		5.4	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
2-Hexanone	ND		5.4	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Isopropylbenzene	ND		5.4	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Methyl acetate	ND		27	8.0	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Methylcyclohexane	ND		5.4	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Methylene Chloride	ND		5.4	4.9	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.4	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Methyl tert-butyl ether	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
m-Xylene & p-Xylene	ND		5.4	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
o-Xylene	ND		5.4	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Styrene	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Tetrachloroethene	ND		5.4	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Toluene	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
trans-1,2-Dichloroethene	ND		5.4	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,2,3-Trichlorobenzene	ND		5.4	3.0	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,1,1-Trichloroethane	ND		5.4	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,1,2-Trichloroethane	ND		5.4	1.1	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Trichloroethene	ND		5.4	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Trichlorofluoromethane	ND		5.4	4.5	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Vinyl chloride	ND		5.4	3.9	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1
Xylenes, Total	ND		11	7.8	ug/Kg	☼	04/08/23 10:45	04/08/23 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 124*	*04/08/23 10:45*	*04/08/23 20:54*	*1*
Dibromofluoromethane (Surr)	*113*		*69 - 126*	*04/08/23 10:45*	*04/08/23 20:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*73 - 135*	*04/08/23 10:45*	*04/08/23 20:54*	*1*
Toluene-d8 (Surr)	*96*		*67 - 134*	*04/08/23 10:45*	*04/08/23 20:54*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**41**	**J**	74	21	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Acenaphthylene	**1300**		74	16	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Acetophenone	ND		740	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Anthracene	**600**		74	19	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Atrazine	ND		740	160	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV34-0.17-0.75
Date Collected: 04/06/23 13:45
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-10
Matrix: Solid
Percent Solids: 88.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		740	46	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Benzo[a]anthracene	**2000**		74	33	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Benzo[a]pyrene	**2200**		74	32	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Benzo[b]fluoranthene	**2600**		74	18	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Benzo[g,h,i]perylene	**1700**		74	16	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Benzo[k]fluoranthene	**1000**		74	22	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Carbazole	**92**		74	17	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Chrysene	**2200**		74	41	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Dibenz(a,h)anthracene	**390**		74	47	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Di-n-butyl phthalate	**230**	**J**	360	160	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Fluoranthene	**2500**		74	19	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Fluorene	**130**		74	14	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Hexachlorobutadiene	ND		74	21	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Indeno[1,2,3-cd]pyrene	**1400**		74	37	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Isophorone	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2-Methylnaphthalene	**170**		74	18	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Naphthalene	**250**		74	14	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
3-Nitroaniline	ND		1900	93	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1

Client Sample ID: SSHS-IRM5A2-SCV34-0.17-0.75

Date Collected: 04/06/23 13:45
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-10

Matrix: Solid
Percent Solids: 88.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		740	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Phenanthrene	**780**		74	20	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Phenol	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
Pyrene	**3400**		74	17	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*04/13/23 10:13*	*04/15/23 13:45*	*1*
2-Fluorophenol (Surr)	*55*		*48 - 105*	*04/13/23 10:13*	*04/15/23 13:45*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*04/13/23 10:13*	*04/15/23 13:45*	*1*
Phenol-d5 (Surr)	*63*		*46 - 105*	*04/13/23 10:13*	*04/15/23 13:45*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*04/13/23 10:13*	*04/15/23 13:45*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*34 - 108*	*04/13/23 10:13*	*04/15/23 13:45*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	04/12/23 11:18	04/14/23 11:14	1
PCB-1221	ND		19	6.6	ug/Kg	☼	04/12/23 11:18	04/14/23 11:14	1
PCB-1232	ND		19	4.6	ug/Kg	☼	04/12/23 11:18	04/14/23 11:14	1
PCB-1242	ND		19	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 11:14	1
PCB-1248	ND		19	4.5	ug/Kg	☼	04/12/23 11:18	04/14/23 11:14	1
PCB-1254	ND		19	5.6	ug/Kg	☼	04/12/23 11:18	04/14/23 11:14	1
PCB-1260	**15**	**J**	19	5.3	ug/Kg	☼	04/12/23 11:18	04/14/23 11:14	1
PCB-1262	ND		19	6.6	ug/Kg	☼	04/12/23 11:18	04/14/23 11:14	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/12/23 11:18	04/14/23 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*86*		*63 - 138*	*04/12/23 11:18*	*04/14/23 11:14*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*63 - 138*	*04/12/23 11:18*	*04/14/23 11:14*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*	*04/12/23 11:18*	*04/14/23 11:14*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*55 - 135*	*04/12/23 11:18*	*04/14/23 11:14*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4100**		22	5.5	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Antimony	ND		1.1	0.34	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Arsenic	**11**		1.1	0.70	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Barium	**72**		22	3.9	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Beryllium	**0.28**	**J**	0.44	0.12	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Cadmium	**0.22**	**J**	0.55	0.081	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Calcium	**2200**		550	72	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV34-0.17-0.75

Lab Sample ID: 180-154713-10

Date Collected: 04/06/23 13:45
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 88.4

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	11		0.55	0.50	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Cobalt	3.7	J	5.5	0.78	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Copper	53		2.8	1.7	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Iron	15000	B	11	11	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Lead	46		1.1	0.97	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Magnesium	920		550	61	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Manganese	200		1.7	0.31	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Nickel	23		4.4	0.56	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Potassium	620		550	94	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Selenium	0.71	J	1.1	0.51	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Silver	ND		0.55	0.12	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Sodium	60	J	550	57	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Thallium	0.67	J	2.2	0.31	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Vanadium	10		5.5	0.88	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1
Zinc	85	B	2.2	1.6	mg/Kg	☼	04/26/23 07:51	04/28/23 15:50	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072		0.036	0.023	mg/Kg	☼	04/27/23 08:30	04/28/23 12:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	11.6		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	88.4		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP13

Lab Sample ID: 180-154713-11

Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 82.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Bromomethane	ND		5.9	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
2-Butanone (MEK)	160		5.9	3.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Carbon disulfide	ND		5.9	4.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Chlorobromomethane	ND		5.9	3.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Chloroethane	ND		5.9	3.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP13
Date Collected: 04/06/23 00:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-11
Matrix: Solid
Percent Solids: 82.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		5.9	3.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Dichlorobromomethane	ND		5.9	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Dichlorodifluoromethane	ND		5.9	2.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,1-Dichloroethene	ND		5.9	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
2-Hexanone	ND		5.9	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Isopropylbenzene	ND		5.9	3.1	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Methyl acetate	ND		29	8.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Methylcyclohexane	ND		5.9	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
trans-1,2-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
trans-1,3-Dichloropropene	ND		5.9	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,2,3-Trichlorobenzene	ND		5.9	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Trichloroethene	ND		5.9	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Vinyl chloride	ND		5.9	4.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1
Xylenes, Total	ND		12	8.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*	*04/08/23 10:45*	*04/08/23 23:33*	*1*
Dibromofluoromethane (Surr)	*112*		*69 - 126*	*04/08/23 10:45*	*04/08/23 23:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*73 - 135*	*04/08/23 10:45*	*04/08/23 23:33*	*1*
Toluene-d8 (Surr)	*109*		*67 - 134*	*04/08/23 10:45*	*04/08/23 23:33*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Acenaphthylene	**1200**		79	17	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Acetophenone	ND		790	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Anthracene	**580**		79	20	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Atrazine	ND		790	170	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Benzaldehyde	ND		790	49	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP13
Date Collected: 04/06/23 00:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-11
Matrix: Solid
Percent Solids: 82.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**1500**		79	35	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Benzo[a]pyrene	**1800**		79	34	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Benzo[b]fluoranthene	**2200**		79	19	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Benzo[g,h,i]perylene	**1400**		79	17	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Benzo[k]fluoranthene	**750**		79	23	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Bis(2-chloroethyl)ether	ND		79	14	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Carbazole	**84**		79	18	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2-Chlorophenol	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Chrysene	**1800**		79	43	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Dibenz(a,h)anthracene	**400**		79	50	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Dibenzofuran	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
3,3'-Dichlorobenzidine	ND		390	360	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Dimethyl phthalate	ND		390	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Di-n-butyl phthalate	**250**	**J**	390	170	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
1,4-Dioxane	ND		790	120	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Fluoranthene	**2000**		79	21	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Fluorene	**110**		79	15	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Hexachlorocyclopentadiene	ND		390	40	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Indeno[1,2,3-cd]pyrene	**1200**		79	39	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Isophorone	ND		390	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2-Methylnaphthalene	**210**		79	19	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Methylphenol, 3 & 4	ND		390	110	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Naphthalene	**280**		79	15	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
3-Nitroaniline	ND		2000	99	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Nitrobenzene	ND		790	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP13

Date Collected: 04/06/23 00:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-11

Matrix: Solid
Percent Solids: 82.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Phenanthrene	**740**		79	21	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Phenol	ND		390	120	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
Pyrene	**2600**		79	19	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
1,2,4,5-Tetrachlorobenzene	ND		390	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*04/13/23 10:13*	*04/15/23 14:07*	*1*
2-Fluorophenol (Surr)	*53*		*48 - 105*	*04/13/23 10:13*	*04/15/23 14:07*	*1*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*	*04/13/23 10:13*	*04/15/23 14:07*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*04/13/23 10:13*	*04/15/23 14:07*	*1*
Terphenyl-d14 (Surr)	*67*		*39 - 105*	*04/13/23 10:13*	*04/15/23 14:07*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*34 - 108*	*04/13/23 10:13*	*04/15/23 14:07*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 11:33	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/12/23 11:18	04/14/23 11:33	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/12/23 11:18	04/14/23 11:33	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/12/23 11:18	04/14/23 11:33	1
PCB-1248	ND		20	4.8	ug/Kg	☼	04/12/23 11:18	04/14/23 11:33	1
PCB-1254	ND		20	5.9	ug/Kg	☼	04/12/23 11:18	04/14/23 11:33	1
PCB-1260	**16**	**J**	20	5.6	ug/Kg	☼	04/12/23 11:18	04/14/23 11:33	1
PCB-1262	ND		20	7.0	ug/Kg	☼	04/12/23 11:18	04/14/23 11:33	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*	*04/12/23 11:18*	*04/14/23 11:33*	*1*
DCB Decachlorobiphenyl (Surr)	*103*		*63 - 138*	*04/12/23 11:18*	*04/14/23 11:33*	*1*
Tetrachloro-m-xylene (Surr)	*103*		*55 - 135*	*04/12/23 11:18*	*04/14/23 11:33*	*1*
Tetrachloro-m-xylene (Surr)	*105*		*55 - 135*	*04/12/23 11:18*	*04/14/23 11:33*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		11	2.6	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Antimony	ND		0.53	0.16	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Arsenic	**11**		2.6	1.7	mg/Kg	☼	04/13/23 11:08	05/01/23 15:59	5
Barium	**100**		11	1.9	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Beryllium	**0.48**		0.21	0.057	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Cadmium	**0.92**	**J**	1.3	0.19	mg/Kg	☼	04/13/23 11:08	05/01/23 15:59	5
Calcium	**4700**		260	34	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Chromium	**15**		0.26	0.24	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP13

Lab Sample ID: 180-154713-11
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 82.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.3		2.6	0.37	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Copper	80		1.3	0.80	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Iron	27000		26	26	mg/Kg	☼	04/13/23 11:08	05/01/23 15:59	5
Lead	62		2.6	2.3	mg/Kg	☼	04/13/23 11:08	05/01/23 15:59	5
Magnesium	2300		260	29	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Manganese	380		0.79	0.15	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Nickel	65		2.1	0.27	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Potassium	940		260	45	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Selenium	0.39	J	0.53	0.24	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Silver	ND		0.26	0.055	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Sodium	130	J	260	27	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Thallium	ND		5.3	0.75	mg/Kg	☼	04/13/23 11:08	05/01/23 15:59	5
Vanadium	16		2.6	0.42	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1
Zinc	140	B	1.1	0.76	mg/Kg	☼	04/13/23 11:08	04/30/23 00:28	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072		0.039	0.025	mg/Kg	☼	04/27/23 08:30	04/28/23 12:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	17.5		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	82.5		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV34-0.75-1.75

Lab Sample ID: 180-154713-12
Date Collected: 04/06/23 13:50
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 88.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Benzene	ND		5.5	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
2-Butanone (MEK)	110		5.5	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,2-Dichlorobenzene	ND		5.5	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV34-0.75-1.75
Date Collected: 04/06/23 13:50
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-12
Matrix: Solid
Percent Solids: 88.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		5.5	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Dichlorodifluoromethane	ND		5.5	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Isopropylbenzene	ND		5.5	2.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Methyl acetate	ND		28	8.1	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Methylcyclohexane	ND		5.5	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Methylene Chloride	ND		5.5	5.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
m-Xylene & p-Xylene	ND		5.5	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Styrene	ND		5.5	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Trichlorofluoromethane	ND		5.5	4.6	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Vinyl chloride	ND		5.5	4.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1
Xylenes, Total	ND		11	8.0	ug/Kg	☼	04/08/23 10:45	04/08/23 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*	*04/08/23 10:45*	*04/08/23 23:11*	*1*
Dibromofluoromethane (Surr)	*97*		*69 - 126*	*04/08/23 10:45*	*04/08/23 23:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*73 - 135*	*04/08/23 10:45*	*04/08/23 23:11*	*1*
Toluene-d8 (Surr)	*104*		*67 - 134*	*04/08/23 10:45*	*04/08/23 23:11*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**33**	**J**	74	21	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Acenaphthylene	**1100**		74	16	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Acetophenone	ND		740	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Anthracene	**520**		74	19	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Atrazine	ND		740	160	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Benzo[a]anthracene	**1500**		74	33	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV34-0.75-1.75
Date Collected: 04/06/23 13:50
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-12
Matrix: Solid
Percent Solids: 88.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**1600**		74	32	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Benzo[b]fluoranthene	**2100**		74	18	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Benzo[g,h,i]perylene	**1300**		74	16	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Benzo[k]fluoranthene	**670**		74	22	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Carbazole	**74**		74	17	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Chrysene	**1700**		74	41	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Dibenz(a,h)anthracene	**370**		74	47	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Di-n-butyl phthalate	**170**	**J**	360	160	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Fluoranthene	**1900**		74	19	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Fluorene	**100**		74	14	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Indeno[1,2,3-cd]pyrene	**1100**		74	37	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Isophorone	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2-Methylnaphthalene	**130**		74	18	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Methylphenol, 3 & 4	**310**	**J**	360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Naphthalene	**200**		74	14	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1

Client Sample ID: SSHS-IRM5A2-SCV34-0.75-1.75

Date Collected: 04/06/23 13:50
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-12

Matrix: Solid
Percent Solids: 88.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Phenanthrene	**760**		74	20	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Phenol	ND		360	110	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
Pyrene	**2500**		74	17	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/13/23 10:13	04/15/23 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*04/13/23 10:13*	*04/15/23 14:28*	*1*
2-Fluorophenol (Surr)	*56*		*48 - 105*	*04/13/23 10:13*	*04/15/23 14:28*	*1*
Nitrobenzene-d5 (Surr)	*68*		*46 - 105*	*04/13/23 10:13*	*04/15/23 14:28*	*1*
Phenol-d5 (Surr)	*63*		*46 - 105*	*04/13/23 10:13*	*04/15/23 14:28*	*1*
Terphenyl-d14 (Surr)	*67*		*39 - 105*	*04/13/23 10:13*	*04/15/23 14:28*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*34 - 108*	*04/13/23 10:13*	*04/15/23 14:28*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.0	ug/Kg	☼	04/12/23 11:18	04/14/23 11:52	1
PCB-1221	ND		19	6.6	ug/Kg	☼	04/12/23 11:18	04/14/23 11:52	1
PCB-1232	ND		19	4.5	ug/Kg	☼	04/12/23 11:18	04/14/23 11:52	1
PCB-1242	ND		19	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 11:52	1
PCB-1248	ND		19	4.4	ug/Kg	☼	04/12/23 11:18	04/14/23 11:52	1
PCB-1254	ND		19	5.6	ug/Kg	☼	04/12/23 11:18	04/14/23 11:52	1
PCB-1260	**12**	**J**	19	5.3	ug/Kg	☼	04/12/23 11:18	04/14/23 11:52	1
PCB-1262	ND		19	6.5	ug/Kg	☼	04/12/23 11:18	04/14/23 11:52	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/12/23 11:18	04/14/23 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*87*		*63 - 138*	*04/12/23 11:18*	*04/14/23 11:52*	*1*
DCB Decachlorobiphenyl (Surr)	*93*		*63 - 138*	*04/12/23 11:18*	*04/14/23 11:52*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*	*04/12/23 11:18*	*04/14/23 11:52*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*55 - 135*	*04/12/23 11:18*	*04/14/23 11:52*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8400**		13	3.3	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Antimony	ND		0.65	0.20	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Arsenic	**9.1**		0.65	0.41	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Barium	**120**		13	2.3	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Beryllium	**0.48**		0.26	0.071	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Cadmium	**0.36**		0.33	0.048	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Calcium	**4800**		330	42	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Chromium	**15**		0.33	0.30	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Cobalt	**7.4**		3.3	0.46	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1

Client Sample ID: SSHS-IRM5A2-SCV34-0.75-1.75

Lab Sample ID: 180-154713-12

Date Collected: 04/06/23 13:50
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 88.2

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	68		1.6	0.98	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Iron	20000		6.5	6.3	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Lead	78		0.65	0.57	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Magnesium	2200		330	36	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Manganese	370		0.98	0.18	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Nickel	33		2.6	0.33	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Potassium	970		330	55	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Selenium	0.39	J	0.65	0.30	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Silver	0.098	J	0.33	0.068	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Sodium	110	J	330	33	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Thallium	0.44	J	1.3	0.19	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Vanadium	15		3.3	0.52	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1
Zinc	120	B	1.3	0.94	mg/Kg	☼	04/13/23 11:08	04/30/23 00:33	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.033	0.021	mg/Kg	☼	04/27/23 08:30	04/28/23 12:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	11.8		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	88.2		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV35-0-0.17

Lab Sample ID: 180-154713-13

Date Collected: 04/06/23 13:55
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 77.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Benzene	ND		6.3	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Bromoform	ND		6.3	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Bromomethane	ND		6.3	2.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
2-Butanone (MEK)	160		6.3	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Carbon disulfide	ND		6.3	5.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Carbon tetrachloride	ND		6.3	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Chlorobenzene	ND		6.3	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Chlorobromomethane	ND		6.3	3.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Chlorodibromomethane	ND		6.3	3.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Chloroethane	ND		6.3	3.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Chloroform	ND		6.3	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Chloromethane	ND		6.3	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
cis-1,2-Dichloroethene	ND		6.3	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
cis-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Cyclohexane	ND		6.3	3.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,2-Dibromo-3-Chloropropane	ND		6.3	4.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,2-Dibromoethane	ND		6.3	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,2-Dichlorobenzene	ND		6.3	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,3-Dichlorobenzene	ND		6.3	3.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,4-Dichlorobenzene	ND		6.3	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1

Client Sample ID: SSHS-IRM5A2-SCV35-0-0.17
Date Collected: 04/06/23 13:55
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-13
Matrix: Solid
Percent Solids: 77.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		6.3	2.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Dichlorodifluoromethane	ND		6.3	3.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,1-Dichloroethane	ND		6.3	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,2-Dichloroethane	ND		6.3	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,1-Dichloroethene	ND		6.3	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,2-Dichloroethene, Total	ND		13	5.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,2-Dichloropropane	ND		6.3	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,4-Dioxane	ND		1300	44	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Ethylbenzene	ND		6.3	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
2-Hexanone	ND		6.3	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Isopropylbenzene	ND		6.3	3.3	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Methyl acetate	ND		31	9.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Methylcyclohexane	ND		6.3	3.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Methylene Chloride	ND		6.3	5.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
4-Methyl-2-pentanone (MIBK)	ND		6.3	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Methyl tert-butyl ether	ND		6.3	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
m-Xylene & p-Xylene	ND		6.3	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
o-Xylene	ND		6.3	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Styrene	ND		6.3	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Tetrachloroethene	ND		6.3	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Toluene	ND		6.3	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
trans-1,2-Dichloroethene	ND		6.3	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
trans-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,2,3-Trichlorobenzene	ND		6.3	3.4	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,2,4-Trichlorobenzene	ND		6.3	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,1,1-Trichloroethane	ND		6.3	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,1,2-Trichloroethane	ND		6.3	1.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Trichloroethene	ND		6.3	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Trichlorofluoromethane	ND		6.3	5.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Vinyl chloride	ND		6.3	4.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1
Xylenes, Total	ND		13	9.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*60 - 124*	*04/08/23 10:45*	*04/08/23 22:48*	*1*
Dibromofluoromethane (Surr)	*120*		*69 - 126*	*04/08/23 10:45*	*04/08/23 22:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*73 - 135*	*04/08/23 10:45*	*04/08/23 22:48*	*1*
Toluene-d8 (Surr)	*105*		*67 - 134*	*04/08/23 10:45*	*04/08/23 22:48*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		86	25	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Acenaphthylene	**260**		86	19	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Acetophenone	ND		860	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Anthracene	**160**		86	22	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Atrazine	ND		860	190	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Benzaldehyde	ND		860	53	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Benzo[a]anthracene	**330**		86	38	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Benzo[a]pyrene	**340**		86	37	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1

Client Sample ID: SSHS-IRM5A2-SCV35-0-0.17
Date Collected: 04/06/23 13:55
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-13
Matrix: Solid
Percent Solids: 77.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**530**		86	21	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Benzo[g,h,i]perylene	**270**		86	18	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Benzo[k]fluoranthene	**170**		86	26	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
1,1'-Biphenyl	ND		420	160	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Bis(2-chloroethoxy)methane	ND		420	160	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Bis(2-chloroethyl)ether	ND		86	15	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Carbazole	**37**	**J**	86	20	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2-Chloronaphthalene	ND		86	20	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Chrysene	**390**		86	47	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Dibenz(a,h)anthracene	**78**	**J**	86	55	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Dibenzofuran	ND		420	160	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
3,3'-Dichlorobenzidine	ND		420	400	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2,4-Dichlorophenol	ND		86	33	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Di-n-butyl phthalate	**250**	**J**	420	190	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
4,6-Dinitro-2-methylphenol	ND		2200	730	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2,6-Dinitrotoluene	ND		420	170	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
1,4-Dioxane	ND		860	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Fluoranthene	**450**		86	22	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Fluorene	**32**	**J**	86	17	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Hexachlorobenzene	ND		86	31	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Hexachlorobutadiene	ND		86	25	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Hexachlorocyclopentadiene	ND		420	44	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Indeno[1,2,3-cd]pyrene	**230**		86	42	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Isophorone	ND		420	160	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2-Methylnaphthalene	**100**		86	20	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Methylphenol, 3 & 4	ND		420	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Naphthalene	**82**	**J**	86	17	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2-Nitroaniline	ND		2200	190	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Nitrobenzene	ND		860	160	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1

Client Sample ID: SSHS-IRM5A2-SCV35-0-0.17
Date Collected: 04/06/23 13:55
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-13
Matrix: Solid
Percent Solids: 77.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		86	29	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2,2'-oxybis[1-chloropropane]	ND		86	32	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Pentachlorophenol	ND		2200	680	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Phenanthrene	**220**		86	23	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Phenol	ND		420	130	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
Pyrene	**550**		86	20	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/13/23 10:13	04/15/23 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*44 - 105*	*04/13/23 10:13*	*04/15/23 14:50*	*1*
2-Fluorophenol (Surr)	*70*		*48 - 105*	*04/13/23 10:13*	*04/15/23 14:50*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 105*	*04/13/23 10:13*	*04/15/23 14:50*	*1*
Phenol-d5 (Surr)	*76*		*46 - 105*	*04/13/23 10:13*	*04/15/23 14:50*	*1*
Terphenyl-d14 (Surr)	*78*		*39 - 105*	*04/13/23 10:13*	*04/15/23 14:50*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*34 - 108*	*04/13/23 10:13*	*04/15/23 14:50*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.8	ug/Kg	☼	04/12/23 11:18	04/14/23 12:10	1
PCB-1221	ND		21	7.4	ug/Kg	☼	04/12/23 11:18	04/14/23 12:10	1
PCB-1232	ND		21	5.1	ug/Kg	☼	04/12/23 11:18	04/14/23 12:10	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/12/23 11:18	04/14/23 12:10	1
PCB-1248	ND		21	5.0	ug/Kg	☼	04/12/23 11:18	04/14/23 12:10	1
PCB-1254	ND		21	6.3	ug/Kg	☼	04/12/23 11:18	04/14/23 12:10	1
PCB-1260	**39**		21	6.0	ug/Kg	☼	04/12/23 11:18	04/14/23 12:10	1
PCB-1262	ND		21	7.4	ug/Kg	☼	04/12/23 11:18	04/14/23 12:10	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/12/23 11:18	04/14/23 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*93*		*63 - 138*	*04/12/23 11:18*	*04/14/23 12:10*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*63 - 138*	*04/12/23 11:18*	*04/14/23 12:10*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*04/12/23 11:18*	*04/14/23 12:10*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*04/12/23 11:18*	*04/14/23 12:10*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		17	4.3	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Antimony	ND		0.86	0.26	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Arsenic	**10**		0.86	0.54	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Barium	**130**		17	3.1	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Beryllium	**0.62**		0.35	0.094	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Cadmium	**0.60**		0.43	0.063	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Calcium	**4300**		430	56	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Chromium	**22**		0.43	0.39	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Cobalt	**11**		4.3	0.61	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Copper	**59**		2.2	1.3	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1

Client Sample ID: SSHS-IRM5A2-SCV35-0-0.17

Lab Sample ID: 180-154713-13

Date Collected: 04/06/23 13:55
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 77.2

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	28000		8.6	8.4	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Lead	59		0.86	0.75	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Magnesium	2900		430	47	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Manganese	550		1.3	0.24	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Nickel	54		3.5	0.44	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Potassium	2500		430	73	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Selenium	0.46	J	0.86	0.40	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Silver	ND		0.43	0.090	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Sodium	79	J	430	44	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Thallium	0.50	J	1.7	0.25	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Vanadium	18		4.3	0.68	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1
Zinc	200	B	1.7	1.3	mg/Kg	☼	04/13/23 11:08	04/30/23 00:38	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.041	0.026	mg/Kg	☼	04/27/23 08:30	04/28/23 12:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	22.8		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	77.2		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV35-0.17-0.75

Lab Sample ID: 180-154713-14

Date Collected: 04/06/23 14:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Benzene	ND		5.4	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Bromoform	ND		5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Bromomethane	ND		5.4	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
2-Butanone (MEK)	110		5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Carbon disulfide	ND		5.4	4.3	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Carbon tetrachloride	ND		5.4	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Chlorobenzene	ND		5.4	1.4	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Chlorobromomethane	ND		5.4	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Chlorodibromomethane	ND		5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Chloroethane	ND		5.4	3.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Chloroform	ND		5.4	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Chloromethane	ND		5.4	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
cis-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Cyclohexane	ND		5.4	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,2-Dibromo-3-Chloropropane	ND		5.4	3.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,2-Dibromoethane	ND		5.4	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,2-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,3-Dichlorobenzene	ND		5.4	3.3	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,4-Dichlorobenzene	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Dichlorobromomethane	ND		5.4	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV35-0.17-0.75
Date Collected: 04/06/23 14:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-14
Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,1-Dichloroethane	ND		5.4	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,2-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,1-Dichloroethene	ND		5.4	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,2-Dichloropropane	ND		5.4	1.4	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Ethylbenzene	ND		5.4	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
2-Hexanone	ND		5.4	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Isopropylbenzene	ND		5.4	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Methyl acetate	ND		27	7.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Methylcyclohexane	ND		5.4	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Methylene Chloride	ND		5.4	4.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.4	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Methyl tert-butyl ether	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
m-Xylene & p-Xylene	ND		5.4	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
o-Xylene	ND		5.4	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Styrene	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Tetrachloroethene	ND		5.4	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Toluene	ND		5.4	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
trans-1,2-Dichloroethene	ND		5.4	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,2,3-Trichlorobenzene	ND		5.4	3.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,1,1-Trichloroethane	ND		5.4	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,1,2-Trichloroethane	ND		5.4	1.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Trichloroethene	ND		5.4	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Trichlorofluoromethane	ND		5.4	4.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Vinyl chloride	ND		5.4	3.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1
Xylenes, Total	ND		11	7.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*	*04/08/23 10:45*	*04/08/23 22:25*	*1*
Dibromofluoromethane (Surr)	*112*		*69 - 126*	*04/08/23 10:45*	*04/08/23 22:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*73 - 135*	*04/08/23 10:45*	*04/08/23 22:25*	*1*
Toluene-d8 (Surr)	*103*		*67 - 134*	*04/08/23 10:45*	*04/08/23 22:25*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		72	21	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Acenaphthylene	**380**		72	16	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Acetophenone	ND		720	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Anthracene	**200**		72	19	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Atrazine	ND		720	160	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Benzaldehyde	ND		720	44	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Benzo[a]anthracene	**350**		72	32	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Benzo[a]pyrene	**390**		72	31	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Benzo[b]fluoranthene	**620**		72	18	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1

Client Sample ID: SSHS-IRM5A2-SCV35-0.17-0.75
Date Collected: 04/06/23 14:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-14
Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**360**		72	15	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Benzo[k]fluoranthene	**170**		72	21	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
1,1'-Biphenyl	ND		350	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Bis(2-chloroethoxy)methane	ND		350	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Bis(2-chloroethyl)ether	ND		72	13	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Bis(2-ethylhexyl) phthalate	ND		3500	380	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
4-Bromophenyl phenyl ether	ND		350	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Butyl benzyl phthalate	ND		350	250	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Carbazole	**48**	**J**	72	17	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
4-Chloroaniline	ND		350	94	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
4-Chloro-3-methylphenol	ND		350	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2-Chloronaphthalene	ND		72	16	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2-Chlorophenol	ND		350	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
4-Chlorophenyl phenyl ether	ND		350	120	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Chrysene	**500**		72	40	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Dibenz(a,h)anthracene	**98**		72	46	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Dibenzofuran	ND		350	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
3,3'-Dichlorobenzidine	ND		350	330	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2,4-Dichlorophenol	ND		72	28	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Diethyl phthalate	ND		350	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2,4-Dimethylphenol	ND		350	120	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Dimethyl phthalate	ND		350	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Di-n-butyl phthalate	**280**	**J**	350	160	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
4,6-Dinitro-2-methylphenol	ND		1800	620	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2,4-Dinitrophenol	ND		3500	2200	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2,4-Dinitrotoluene	ND		350	210	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2,6-Dinitrotoluene	ND		350	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Di-n-octyl phthalate	ND		350	210	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
1,4-Dioxane	ND		720	110	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Fluoranthene	**500**		72	19	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Fluorene	ND		72	14	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Hexachlorobenzene	ND		72	26	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Hexachlorobutadiene	ND		72	21	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Hexachlorocyclopentadiene	ND		350	37	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Hexachloroethane	ND		350	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Indeno[1,2,3-cd]pyrene	**280**		72	36	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Isophorone	ND		350	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2-Methylnaphthalene	**330**		72	17	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2-Methylphenol	ND		350	100	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Methylphenol, 3 & 4	ND		350	110	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Naphthalene	**240**		72	14	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
3-Nitroaniline	ND		1800	91	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Nitrobenzene	ND		720	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2-Nitrophenol	ND		350	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
N-Nitrosodi-n-propylamine	ND		72	24	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1

Client Sample ID: SSHS-IRM5A2-SCV35-0.17-0.75

Date Collected: 04/06/23 14:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-14

Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		350	120	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2,2'-oxybis[1-chloropropane]	ND		72	27	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Pentachlorophenol	ND		1800	580	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Phenanthrene	**380**		72	19	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Phenol	ND		350	110	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
Pyrene	**620**		72	17	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
1,2,4,5-Tetrachlorobenzene	ND		350	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2,3,4,6-Tetrachlorophenol	ND		350	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2,4,5-Trichlorophenol	ND		350	120	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1
2,4,6-Trichlorophenol	ND		350	120	ug/Kg	☼	04/13/23 10:13	04/15/23 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*04/13/23 10:13*	*04/15/23 15:12*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*04/13/23 10:13*	*04/15/23 15:12*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 105*	*04/13/23 10:13*	*04/15/23 15:12*	*1*
Phenol-d5 (Surr)	*79*		*46 - 105*	*04/13/23 10:13*	*04/15/23 15:12*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 105*	*04/13/23 10:13*	*04/15/23 15:12*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*34 - 108*	*04/13/23 10:13*	*04/15/23 15:12*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.0	ug/Kg	☼	04/12/23 11:18	04/14/23 12:29	1
PCB-1221	ND		19	6.6	ug/Kg	☼	04/12/23 11:18	04/14/23 12:29	1
PCB-1232	ND		19	4.5	ug/Kg	☼	04/12/23 11:18	04/14/23 12:29	1
PCB-1242	ND		19	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 12:29	1
PCB-1248	ND		19	4.4	ug/Kg	☼	04/12/23 11:18	04/14/23 12:29	1
PCB-1254	ND		19	5.6	ug/Kg	☼	04/12/23 11:18	04/14/23 12:29	1
PCB-1260	**11**	**J**	19	5.3	ug/Kg	☼	04/12/23 11:18	04/14/23 12:29	1
PCB-1262	ND		19	6.5	ug/Kg	☼	04/12/23 11:18	04/14/23 12:29	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/12/23 11:18	04/14/23 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*85*		*63 - 138*	*04/12/23 11:18*	*04/14/23 12:29*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*04/12/23 11:18*	*04/14/23 12:29*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*55 - 135*	*04/12/23 11:18*	*04/14/23 12:29*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*55 - 135*	*04/12/23 11:18*	*04/14/23 12:29*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8700**		14	3.4	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Antimony	ND		0.69	0.21	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Arsenic	**8.2**		0.69	0.43	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Barium	**93**		14	2.4	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Beryllium	**0.51**		0.27	0.075	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Cadmium	**0.20**	**J**	0.34	0.050	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Calcium	**4100**		340	44	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Chromium	**13**		0.34	0.31	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Cobalt	**9.0**		3.4	0.48	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Copper	**49**		1.7	1.0	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Iron	**24000**		6.9	6.7	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1

Client Sample ID: SSHS-IRM5A2-SCV35-0.17-0.75

Lab Sample ID: 180-154713-14

Date Collected: 04/06/23 14:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.0

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**48**		0.69	0.60	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Magnesium	**2200**		340	38	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Manganese	**510**		1.0	0.19	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Nickel	**29**		2.7	0.35	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Potassium	**610**		340	58	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Selenium	ND		0.69	0.32	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Silver	ND		0.34	0.071	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Sodium	**85**	**J**	340	35	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Thallium	**0.59**	**J**	1.4	0.19	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Vanadium	**17**		3.4	0.54	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1
Zinc	**130**	**B**	1.4	0.99	mg/Kg	☼	04/13/23 11:15	04/30/23 00:53	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.26**		0.035	0.022	mg/Kg	☼	04/27/23 08:30	04/28/23 12:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**10**		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	**90.0**		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV35-0.75-1.75

Lab Sample ID: 180-154713-15

Date Collected: 04/06/23 14:05
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 79.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Benzene	ND		6.2	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Bromoform	ND		6.2	3.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Bromomethane	ND		6.2	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
2-Butanone (MEK)	**160**		6.2	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Carbon disulfide	ND		6.2	5.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Carbon tetrachloride	ND		6.2	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Chlorobenzene	ND		6.2	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Chlorobromomethane	ND		6.2	3.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Chlorodibromomethane	ND		6.2	3.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Chloroethane	ND		6.2	3.6	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Chloroform	ND		6.2	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Chloromethane	ND		6.2	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
cis-1,2-Dichloroethene	ND		6.2	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
cis-1,3-Dichloropropene	ND		6.2	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Cyclohexane	ND		6.2	3.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,2-Dibromo-3-Chloropropane	ND		6.2	4.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,2-Dibromoethane	ND		6.2	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,2-Dichlorobenzene	ND		6.2	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,3-Dichlorobenzene	ND		6.2	3.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,4-Dichlorobenzene	ND		6.2	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Dichlorobromomethane	ND		6.2	2.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Dichlorodifluoromethane	ND		6.2	3.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1

Client Sample ID: SSHS-IRM5A2-SCV35-0.75-1.75
Date Collected: 04/06/23 14:05
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-15
Matrix: Solid
Percent Solids: 79.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		6.2	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,2-Dichloroethane	ND		6.2	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,1-Dichloroethene	ND		6.2	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,2-Dichloroethene, Total	ND		12	5.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,2-Dichloropropane	ND		6.2	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,4-Dioxane	ND		1200	44	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Ethylbenzene	ND		6.2	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
2-Hexanone	ND		6.2	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Isopropylbenzene	ND		6.2	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Methyl acetate	ND		31	9.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Methylcyclohexane	ND		6.2	3.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Methylene Chloride	ND		6.2	5.6	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
4-Methyl-2-pentanone (MIBK)	ND		6.2	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Methyl tert-butyl ether	ND		6.2	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
m-Xylene & p-Xylene	ND		6.2	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
o-Xylene	ND		6.2	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Styrene	ND		6.2	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Tetrachloroethene	ND		6.2	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Toluene	ND		6.2	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
trans-1,2-Dichloroethene	ND		6.2	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
trans-1,3-Dichloropropene	ND		6.2	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,2,3-Trichlorobenzene	ND		6.2	3.4	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,2,4-Trichlorobenzene	ND		6.2	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,1,1-Trichloroethane	ND		6.2	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,1,2-Trichloroethane	ND		6.2	1.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Trichloroethene	ND		6.2	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Trichlorofluoromethane	ND		6.2	5.2	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Vinyl chloride	ND		6.2	4.5	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1
Xylenes, Total	ND		12	9.0	ug/Kg	☼	04/08/23 10:45	04/08/23 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*	*04/08/23 10:45*	*04/08/23 22:02*	*1*
Dibromofluoromethane (Surr)	*116*		*69 - 126*	*04/08/23 10:45*	*04/08/23 22:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*73 - 135*	*04/08/23 10:45*	*04/08/23 22:02*	*1*
Toluene-d8 (Surr)	*104*		*67 - 134*	*04/08/23 10:45*	*04/08/23 22:02*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		82	23	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Acenaphthylene	**200**		82	18	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Acetophenone	ND		820	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Anthracene	**110**		82	21	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Atrazine	ND		820	180	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Benzaldehyde	ND		820	51	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Benzo[a]anthracene	**170**		82	37	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Benzo[a]pyrene	**200**		82	35	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Benzo[b]fluoranthene	**300**		82	20	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Benzo[g,h,i]perylene	**200**		82	18	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV35-0.75-1.75
Date Collected: 04/06/23 14:05
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-15
Matrix: Solid
Percent Solids: 79.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	**100**		82	24	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Bis(2-chloroethyl)ether	ND		82	15	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Carbazole	**29**	**J**	82	19	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2-Chloronaphthalene	ND		82	19	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
4-Chlorophenyl phenyl ether	ND		400	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Chrysene	**230**		82	45	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Dibenz(a,h)anthracene	**59**	**J**	82	52	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2,4-Dichlorophenol	ND		82	31	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Di-n-butyl phthalate	**290**	**J**	400	180	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
1,4-Dioxane	ND		820	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Fluoranthene	**200**		82	21	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Fluorene	ND		82	16	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Hexachlorobenzene	ND		82	29	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Hexachlorobutadiene	ND		82	24	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Hexachlorocyclopentadiene	ND		400	42	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Indeno[1,2,3-cd]pyrene	**160**		82	41	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Isophorone	ND		400	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2-Methylnaphthalene	**100**		82	20	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2-Methylphenol	ND		400	120	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Naphthalene	**68**	**J**	82	16	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Nitrobenzene	ND		820	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
N-Nitrosodi-n-propylamine	ND		82	28	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
N-Nitrosodiphenylamine	ND		400	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1

Client Sample ID: SSHS-IRM5A2-SCV35-0.75-1.75
Date Collected: 04/06/23 14:05
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-15
Matrix: Solid
Percent Solids: 79.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		82	30	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Pentachlorophenol	ND		2100	650	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Phenanthrene	**180**		82	22	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Phenol	ND		400	120	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
Pyrene	**240**		82	19	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1
2,4,6-Trichlorophenol	ND		400	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*44 - 105*	*04/13/23 10:13*	*04/15/23 15:34*	*1*
2-Fluorophenol (Surr)	*60*		*48 - 105*	*04/13/23 10:13*	*04/15/23 15:34*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*04/13/23 10:13*	*04/15/23 15:34*	*1*
Phenol-d5 (Surr)	*67*		*46 - 105*	*04/13/23 10:13*	*04/15/23 15:34*	*1*
Terphenyl-d14 (Surr)	*84*		*39 - 105*	*04/13/23 10:13*	*04/15/23 15:34*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*34 - 108*	*04/13/23 10:13*	*04/15/23 15:34*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.7	ug/Kg	☼	04/12/23 11:18	04/14/23 12:48	1
PCB-1221	ND		20	7.3	ug/Kg	☼	04/12/23 11:18	04/14/23 12:48	1
PCB-1232	ND		20	5.0	ug/Kg	☼	04/12/23 11:18	04/14/23 12:48	1
PCB-1242	ND		20	3.0	ug/Kg	☼	04/12/23 11:18	04/14/23 12:48	1
PCB-1248	ND		20	4.9	ug/Kg	☼	04/12/23 11:18	04/14/23 12:48	1
PCB-1254	ND		20	6.1	ug/Kg	☼	04/12/23 11:18	04/14/23 12:48	1
PCB-1260	**11**	**J**	20	5.8	ug/Kg	☼	04/12/23 11:18	04/14/23 12:48	1
PCB-1262	ND		20	7.2	ug/Kg	☼	04/12/23 11:18	04/14/23 12:48	1
PCB-1268	ND		20	2.8	ug/Kg	☼	04/12/23 11:18	04/14/23 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*72*		*63 - 138*	*04/12/23 11:18*	*04/14/23 12:48*	*1*
DCB Decachlorobiphenyl (Surr)	*71*		*63 - 138*	*04/12/23 11:18*	*04/14/23 12:48*	*1*
Tetrachloro-m-xylene (Surr)	*69*		*55 - 135*	*04/12/23 11:18*	*04/14/23 12:48*	*1*
Tetrachloro-m-xylene (Surr)	*71*		*55 - 135*	*04/12/23 11:18*	*04/14/23 12:48*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8400**		17	4.1	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Antimony	**0.44**	**J**	0.83	0.25	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Arsenic	**11**		0.83	0.52	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Barium	**150**		17	2.9	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Beryllium	**0.55**		0.33	0.090	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Cadmium	**0.48**		0.41	0.061	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Calcium	**16000**		410	53	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Chromium	**19**		0.41	0.38	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Cobalt	**7.8**		4.1	0.58	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Copper	**1500**		2.1	1.2	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Iron	**28000**		8.3	8.0	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Lead	**140**		0.83	0.72	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1

Client Sample ID: SSHS-IRM5A2-SCV35-0.75-1.75

Lab Sample ID: 180-154713-15

Date Collected: 04/06/23 14:05
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 79.7

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	2100		410	45	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Manganese	400		1.2	0.23	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Nickel	39		3.3	0.42	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Potassium	550		410	70	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Selenium	0.53	J	0.83	0.38	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Silver	ND		0.41	0.086	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Sodium	110	J	410	42	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Thallium	0.31	J	1.7	0.23	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Vanadium	19		4.1	0.65	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1
Zinc	250	B	1.7	1.2	mg/Kg	☼	04/13/23 11:15	04/30/23 00:58	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.55		0.041	0.027	mg/Kg	☼	04/27/23 08:30	04/28/23 12:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	20.3		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	79.7		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV36-0-0.50

Lab Sample ID: 180-154713-16

Date Collected: 04/06/23 14:10
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.4	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Benzene	ND		5.6	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Bromomethane	ND		5.6	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
2-Butanone (MEK)	ND		5.6	2.9	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Carbon disulfide	ND		5.6	4.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Carbon tetrachloride	ND		5.6	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Chlorobenzene	ND		5.6	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Chlorobromomethane	ND		5.6	3.4	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Chlorodibromomethane	ND		5.6	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Chloroethane	ND		5.6	3.3	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Chloroform	ND		5.6	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Chloromethane	ND		5.6	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
cis-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Cyclohexane	ND		5.6	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,2-Dibromo-3-Chloropropane	ND		5.6	3.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,2-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,3-Dichlorobenzene	ND		5.6	3.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,4-Dichlorobenzene	ND		5.6	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Dichlorobromomethane	ND		5.6	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Dichlorodifluoromethane	ND		5.6	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,1-Dichloroethane	ND		5.6	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1

Client Sample ID: SSHS-IRM5A2-SCV36-0-0.50
Date Collected: 04/06/23 14:10
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-16
Matrix: Solid
Percent Solids: 83.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,1-Dichloroethene	ND		5.6	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,2-Dichloropropane	ND		5.6	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Ethylbenzene	ND		5.6	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
2-Hexanone	ND		5.6	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Isopropylbenzene	ND		5.6	2.9	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Methyl acetate	ND		28	8.3	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Methylcyclohexane	ND		5.6	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Methylene Chloride	ND		5.6	5.1	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.6	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Methyl tert-butyl ether	ND		5.6	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
m-Xylene & p-Xylene	ND		5.6	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
o-Xylene	ND		5.6	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Styrene	ND		5.6	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Tetrachloroethene	ND		5.6	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Toluene	ND		5.6	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
trans-1,2-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,2,3-Trichlorobenzene	ND		5.6	3.1	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,2,4-Trichlorobenzene	ND		5.6	2.9	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,1,1-Trichloroethane	ND		5.6	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,1,2-Trichloroethane	ND		5.6	1.1	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Trichloroethene	ND		5.6	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Trichlorofluoromethane	ND		5.6	4.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	2.2	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Vinyl chloride	ND		5.6	4.0	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1
Xylenes, Total	ND		11	8.1	ug/Kg	☼	04/08/23 10:45	04/08/23 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*	*04/08/23 10:45*	*04/08/23 21:40*	*1*
Dibromofluoromethane (Surr)	*115*		*69 - 126*	*04/08/23 10:45*	*04/08/23 21:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*135*		*73 - 135*	*04/08/23 10:45*	*04/08/23 21:40*	*1*
Toluene-d8 (Surr)	*102*		*67 - 134*	*04/08/23 10:45*	*04/08/23 21:40*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Acenaphthylene	**690**		79	17	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Acetophenone	ND		790	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Anthracene	**450**		79	20	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Atrazine	ND		790	170	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Benzaldehyde	ND		790	49	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Benzo[a]anthracene	**1300**		79	36	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Benzo[a]pyrene	**1000**		79	34	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Benzo[b]fluoranthene	**1400**		79	19	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Benzo[g,h,i]perylene	**640**		79	17	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Benzo[k]fluoranthene	**440**		79	24	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV36-0-0.50
Date Collected: 04/06/23 14:10
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-16
Matrix: Solid
Percent Solids: 83.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Bis(2-chloroethyl)ether	ND		79	14	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Carbazole	**48**	**J**	79	18	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Chrysene	**1300**		79	44	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Dibenz(a,h)anthracene	**230**		79	51	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Dibenzofuran	ND		390	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Dimethyl phthalate	ND		390	160	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Di-n-butyl phthalate	ND		390	170	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2,4-Dinitrophenol	ND		3900	2500	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
1,4-Dioxane	ND		790	120	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Fluoranthene	**1700**		79	21	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Fluorene	**62**	**J**	79	16	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Hexachlorocyclopentadiene	ND		390	40	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Indeno[1,2,3-cd]pyrene	**540**		79	39	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Isophorone	ND		390	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2-Methylnaphthalene	**78**	**J**	79	19	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Naphthalene	**57**	**J**	79	15	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Nitrobenzene	ND		790	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1

Client Sample ID: SSHS-IRM5A2-SCV36-0-0.50
Date Collected: 04/06/23 14:10
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-16
Matrix: Solid
Percent Solids: 83.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		2000	630	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Phenanthrene	**180**		79	21	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Phenol	ND		390	120	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
Pyrene	**2200**		79	19	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/13/23 10:13	04/15/23 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/13/23 10:13*	*04/15/23 15:56*	*1*
2-Fluorophenol (Surr)	*58*		*48 - 105*	*04/13/23 10:13*	*04/15/23 15:56*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*04/13/23 10:13*	*04/15/23 15:56*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*04/13/23 10:13*	*04/15/23 15:56*	*1*
Terphenyl-d14 (Surr)	*69*		*39 - 105*	*04/13/23 10:13*	*04/15/23 15:56*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*34 - 108*	*04/13/23 10:13*	*04/15/23 15:56*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 13:06	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/12/23 11:18	04/14/23 13:06	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/12/23 11:18	04/14/23 13:06	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/12/23 11:18	04/14/23 13:06	1
PCB-1248	ND		20	4.7	ug/Kg	☼	04/12/23 11:18	04/14/23 13:06	1
PCB-1254	**120**		20	5.9	ug/Kg	☼	04/12/23 11:18	04/14/23 13:06	1
PCB-1260	**72**		20	5.6	ug/Kg	☼	04/12/23 11:18	04/14/23 13:06	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/12/23 11:18	04/14/23 13:06	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*52*	*S1-*	*63 - 138*	*04/12/23 11:18*	*04/14/23 13:06*	*1*
DCB Decachlorobiphenyl (Surr)	*60*	*S1-*	*63 - 138*	*04/12/23 11:18*	*04/14/23 13:06*	*1*
Tetrachloro-m-xylene (Surr)	*58*		*55 - 135*	*04/12/23 11:18*	*04/14/23 13:06*	*1*
Tetrachloro-m-xylene (Surr)	*60*		*55 - 135*	*04/12/23 11:18*	*04/14/23 13:06*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7700**		12	3.1	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Antimony	**1.3**		0.62	0.19	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Arsenic	**18**		3.1	1.9	mg/Kg	☼	04/13/23 11:15	05/01/23 16:04	5
Barium	**160**		12	2.2	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Beryllium	**0.64**		0.25	0.067	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Cadmium	**2.9**		1.5	0.23	mg/Kg	☼	04/13/23 11:15	05/01/23 16:04	5
Calcium	**3500**		310	40	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Chromium	**40**		0.31	0.28	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Cobalt	**13**		3.1	0.44	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Copper	**270**		1.5	0.93	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Iron	**73000**		31	30	mg/Kg	☼	04/13/23 11:15	05/01/23 16:04	5
Lead	**150**		3.1	2.7	mg/Kg	☼	04/13/23 11:15	05/01/23 16:04	5
Magnesium	**1300**		310	34	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1

Client Sample ID: SSHS-IRM5A2-SCV36-0-0.50

Lab Sample ID: 180-154713-16

Date Collected: 04/06/23 14:10
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.3

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	580		0.93	0.17	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Nickel	140		2.5	0.31	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Potassium	560		310	53	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Selenium	0.75		0.62	0.29	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Silver	0.096	J	0.31	0.064	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Sodium	98	J	310	32	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Thallium	ND		6.2	0.88	mg/Kg	☼	04/13/23 11:15	05/01/23 16:04	5
Vanadium	26		3.1	0.49	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1
Zinc	340	B	1.2	0.90	mg/Kg	☼	04/13/23 11:15	04/30/23 01:03	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.23		0.038	0.025	mg/Kg	☼	04/27/23 08:30	04/28/23 12:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	16.7		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	83.3		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV36-0.50-1.50

Lab Sample ID: 180-154713-17

Date Collected: 04/06/23 14:15
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 89.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.0	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Benzene	ND		5.1	1.4	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Bromoform	ND		5.1	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Bromomethane	ND		5.1	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
2-Butanone (MEK)	ND		5.1	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Carbon disulfide	ND		5.1	4.1	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Carbon tetrachloride	ND		5.1	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Chlorobenzene	ND		5.1	1.3	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Chlorobromomethane	ND		5.1	3.1	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Chlorodibromomethane	ND		5.1	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Chloroethane	ND		5.1	3.0	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Chloroform	ND		5.1	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Chloromethane	ND		5.1	2.0	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
cis-1,2-Dichloroethene	ND		5.1	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
cis-1,3-Dichloropropene	ND		5.1	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Cyclohexane	ND		5.1	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,2-Dibromo-3-Chloropropane	ND		5.1	3.3	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,2-Dibromoethane	ND		5.1	1.4	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,2-Dichlorobenzene	ND		5.1	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,3-Dichlorobenzene	ND		5.1	3.2	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,4-Dichlorobenzene	ND		5.1	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Dichlorobromomethane	ND		5.1	2.4	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Dichlorodifluoromethane	ND		5.1	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,1-Dichloroethane	ND		5.1	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,2-Dichloroethane	ND		5.1	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1

Client Sample ID: SSHS-IRM5A2-SCV36-0.50-1.50
Date Collected: 04/06/23 14:15
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-17
Matrix: Solid
Percent Solids: 89.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.1	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,2-Dichloroethene, Total	ND		10	4.2	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,2-Dichloropropane	ND		5.1	1.4	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,4-Dioxane	ND		1000	36	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Ethylbenzene	ND		5.1	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
2-Hexanone	ND		5.1	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Isopropylbenzene	ND		5.1	2.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Methyl acetate	ND		26	7.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Methylcyclohexane	ND		5.1	2.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Methylene Chloride	ND		5.1	4.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.1	1.9	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Methyl tert-butyl ether	ND		5.1	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
m-Xylene & p-Xylene	ND		5.1	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
o-Xylene	ND		5.1	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Styrene	ND		5.1	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,1,2,2-Tetrachloroethane	ND		5.1	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Tetrachloroethene	ND		5.1	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Toluene	ND		5.1	1.5	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
trans-1,2-Dichloroethene	ND		5.1	1.8	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
trans-1,3-Dichloropropene	ND		5.1	2.3	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,2,3-Trichlorobenzene	ND		5.1	2.8	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,2,4-Trichlorobenzene	ND		5.1	2.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,1,1-Trichloroethane	ND		5.1	1.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,1,2-Trichloroethane	ND		5.1	1.0	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Trichloroethene	ND		5.1	1.6	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Trichlorofluoromethane	ND		5.1	4.3	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.1	2.1	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Vinyl chloride	ND		5.1	3.7	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1
Xylenes, Total	ND		10	7.4	ug/Kg	☼	04/08/23 10:45	04/08/23 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*60 - 124*	*04/08/23 10:45*	*04/08/23 21:17*	*1*
Dibromofluoromethane (Surr)	*124*		*69 - 126*	*04/08/23 10:45*	*04/08/23 21:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*		*73 - 135*	*04/08/23 10:45*	*04/08/23 21:17*	*1*
Toluene-d8 (Surr)	*110*		*67 - 134*	*04/08/23 10:45*	*04/08/23 21:17*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		150	43	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Acenaphthylene	**830**		150	33	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Acetophenone	ND		1500	270	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Anthracene	**610**		150	39	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Atrazine	ND		1500	330	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Benzaldehyde	ND		1500	92	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Benzo[a]anthracene	**1100**		150	67	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Benzo[a]pyrene	**1100**		150	64	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Benzo[b]fluoranthene	**1700**		150	37	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Benzo[g,h,i]perylene	**790**		150	32	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Benzo[k]fluoranthene	**530**		150	45	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
1,1'-Biphenyl	ND		740	270	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV36-0.50-1.50
Date Collected: 04/06/23 14:15
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-17
Matrix: Solid
Percent Solids: 89.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		740	270	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Bis(2-chloroethyl)ether	ND		150	27	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Bis(2-ethylhexyl) phthalate	ND		7400	790	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
4-Bromophenyl phenyl ether	ND		740	320	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Butyl benzyl phthalate	ND		740	510	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Caprolactam	ND		3800	480	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Carbazole	**100**	**J**	150	35	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
4-Chloroaniline	ND		740	200	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
4-Chloro-3-methylphenol	ND		740	260	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2-Chloronaphthalene	ND		150	34	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2-Chlorophenol	ND		740	270	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
4-Chlorophenyl phenyl ether	ND		740	250	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Chrysene	**1500**		150	83	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Dibenz(a,h)anthracene	**250**		150	95	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Dibenzofuran	ND		740	270	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
3,3'-Dichlorobenzidine	ND		740	690	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2,4-Dichlorophenol	ND		150	57	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Diethyl phthalate	ND		740	260	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2,4-Dimethylphenol	ND		740	250	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Dimethyl phthalate	ND		740	290	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Di-n-butyl phthalate	ND		740	330	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
4,6-Dinitro-2-methylphenol	ND		3800	1300	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2,4-Dinitrophenol	ND		7400	4600	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2,4-Dinitrotoluene	ND		740	440	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2,6-Dinitrotoluene	ND		740	290	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Di-n-octyl phthalate	ND		740	430	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
1,4-Dioxane	ND		1500	230	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Fluoranthene	**1300**		150	39	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Fluorene	**93**	**J**	150	29	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Hexachlorobenzene	ND		150	53	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Hexachlorobutadiene	ND		150	43	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Hexachlorocyclopentadiene	ND		740	76	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Hexachloroethane	ND		740	260	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Indeno[1,2,3-cd]pyrene	**660**		150	74	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Isophorone	ND		740	280	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2-Methylnaphthalene	**250**		150	36	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2-Methylphenol	ND		740	210	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Methylphenol, 3 & 4	ND		740	220	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Naphthalene	**300**		150	29	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2-Nitroaniline	ND		3800	340	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
3-Nitroaniline	ND		3800	190	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
4-Nitroaniline	ND		3800	280	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Nitrobenzene	ND		1500	270	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2-Nitrophenol	ND		740	270	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
4-Nitrophenol	ND		3800	520	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
N-Nitrosodi-n-propylamine	ND		150	50	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
N-Nitrosodiphenylamine	ND		740	250	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2,2'-oxybis[1-chloropropane]	ND		150	55	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Pentachlorophenol	ND		3800	1200	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV36-0.50-1.50
Date Collected: 04/06/23 14:15
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-17
Matrix: Solid
Percent Solids: 89.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**510**		150	40	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Phenol	ND		740	230	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
Pyrene	**1800**		150	35	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
1,2,4,5-Tetrachlorobenzene	ND		740	290	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2,3,4,6-Tetrachlorophenol	ND		740	310	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2,4,5-Trichlorophenol	ND		740	260	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2
2,4,6-Trichlorophenol	ND		740	250	ug/Kg	☼	04/13/23 10:13	04/15/23 16:17	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*44 - 105*	*04/13/23 10:13*	*04/15/23 16:17*	*2*
2-Fluorophenol (Surr)	*66*		*48 - 105*	*04/13/23 10:13*	*04/15/23 16:17*	*2*
Nitrobenzene-d5 (Surr)	*86*		*46 - 105*	*04/13/23 10:13*	*04/15/23 16:17*	*2*
Phenol-d5 (Surr)	*76*		*46 - 105*	*04/13/23 10:13*	*04/15/23 16:17*	*2*
Terphenyl-d14 (Surr)	*72*		*39 - 105*	*04/13/23 10:13*	*04/15/23 16:17*	*2*
2,4,6-Tribromophenol (Surr)	*82*		*34 - 108*	*04/13/23 10:13*	*04/15/23 16:17*	*2*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	04/12/23 11:18	04/14/23 14:21	1
PCB-1221	ND		18	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 14:21	1
PCB-1232	ND		18	4.4	ug/Kg	☼	04/12/23 11:18	04/14/23 14:21	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 14:21	1
PCB-1248	ND		18	4.4	ug/Kg	☼	04/12/23 11:18	04/14/23 14:21	1
PCB-1254	**69**		18	5.5	ug/Kg	☼	04/12/23 11:18	04/14/23 14:21	1
PCB-1260	**66**		18	5.2	ug/Kg	☼	04/12/23 11:18	04/14/23 14:21	1
PCB-1262	ND		18	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 14:21	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/12/23 11:18	04/14/23 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*114*		*63 - 138*	*04/12/23 11:18*	*04/14/23 14:21*	*1*
DCB Decachlorobiphenyl (Surr)	*112*		*63 - 138*	*04/12/23 11:18*	*04/14/23 14:21*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*04/12/23 11:18*	*04/14/23 14:21*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*55 - 135*	*04/12/23 11:18*	*04/14/23 14:21*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8200**		21	5.4	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Antimony	**0.59**	**J**	1.1	0.32	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Arsenic	**20**		5.4	3.4	mg/Kg	☼	04/13/23 11:15	05/01/23 16:09	5
Barium	**370**		21	3.8	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Beryllium	**0.69**		0.43	0.12	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Cadmium	**2.6**	**J**	2.7	0.39	mg/Kg	☼	04/13/23 11:15	05/01/23 16:09	5
Calcium	**3300**		540	69	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Chromium	**30**		0.54	0.49	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Cobalt	**9.6**		5.4	0.75	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Copper	**400**		2.7	1.6	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Iron	**52000**		54	52	mg/Kg	☼	04/13/23 11:15	05/01/23 16:09	5
Lead	**370**		5.4	4.7	mg/Kg	☼	04/13/23 11:15	05/01/23 16:09	5
Magnesium	**1600**		540	59	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Manganese	**610**		1.6	0.30	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1

Client Sample ID: SSHS-IRM5A2-SCV36-0.50-1.50

Lab Sample ID: 180-154713-17

Date Collected: 04/06/23 14:15
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 89.7

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	150		4.3	0.54	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Potassium	720		540	91	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Selenium	1.2		1.1	0.49	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Silver	0.53	J	0.54	0.11	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Sodium	79	J	540	55	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Thallium	ND		11	1.5	mg/Kg	☼	04/13/23 11:15	05/01/23 16:09	5
Vanadium	21		5.4	0.85	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1
Zinc	630	B	2.1	1.6	mg/Kg	☼	04/13/23 11:15	04/30/23 01:08	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.034	0.022	mg/Kg	☼	04/27/23 08:30	04/28/23 12:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	10.3		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	89.7		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV37-0-0.17

Lab Sample ID: 180-154713-18

Date Collected: 04/06/23 14:20
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 82.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.5	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Benzene	ND		5.8	1.6	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Bromoform	ND		5.8	2.9	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Bromomethane	ND		5.8	2.6	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
2-Butanone (MEK)	ND		5.8	2.9	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Carbon disulfide	ND		5.8	4.6	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Carbon tetrachloride	ND		5.8	2.3	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Chlorobenzene	ND		5.8	1.5	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Chlorobromomethane	ND		5.8	3.5	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Chlorodibromomethane	ND		5.8	2.9	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Chloroethane	ND		5.8	3.4	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Chloroform	ND		5.8	1.9	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Chloromethane	ND		5.8	2.3	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
cis-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Cyclohexane	ND		5.8	2.8	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,2-Dibromo-3-Chloropropane	ND		5.8	3.7	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,2-Dibromoethane	ND		5.8	1.6	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,2-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,3-Dichlorobenzene	ND		5.8	3.6	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,4-Dichlorobenzene	ND		5.8	1.7	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Dichlorobromomethane	ND		5.8	2.7	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Dichlorodifluoromethane	ND		5.8	2.9	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,1-Dichloroethane	ND		5.8	1.9	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,2-Dichloroethane	ND		5.8	1.7	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,1-Dichloroethene	ND		5.8	2.6	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1

Client Sample ID: SSHS-IRM5A2-SCV37-0-0.17

Date Collected: 04/06/23 14:20
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-18

Matrix: Solid
Percent Solids: 82.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		12	4.7	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,2-Dichloropropane	ND		5.8	1.5	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,4-Dioxane	ND		1200	41	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Ethylbenzene	ND		5.8	2.1	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
2-Hexanone	ND		5.8	1.8	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Isopropylbenzene	ND		5.8	3.0	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Methyl acetate	ND		29	8.5	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Methylcyclohexane	ND		5.8	2.8	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Methylene Chloride	ND		5.8	5.2	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.8	2.1	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Methyl tert-butyl ether	ND		5.8	1.7	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
m-Xylene & p-Xylene	ND		5.8	2.1	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
o-Xylene	ND		5.8	2.3	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Styrene	ND		5.8	1.7	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.8	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Tetrachloroethene	ND		5.8	2.3	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Toluene	ND		5.8	1.7	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
trans-1,2-Dichloroethene	ND		5.8	2.0	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
trans-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,2,3-Trichlorobenzene	ND		5.8	3.2	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,1,1-Trichloroethane	ND		5.8	1.9	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,1,2-Trichloroethane	ND		5.8	1.1	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Trichloroethene	ND		5.8	1.8	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Trichlorofluoromethane	ND		5.8	4.8	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	2.3	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Vinyl chloride	ND		5.8	4.2	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1
Xylenes, Total	ND		12	8.3	ug/Kg	☼	04/08/23 19:09	04/09/23 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*	*04/08/23 19:09*	*04/09/23 01:27*	*1*
Dibromofluoromethane (Surr)	*117*		*69 - 126*	*04/08/23 19:09*	*04/09/23 01:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*73 - 135*	*04/08/23 19:09*	*04/09/23 01:27*	*1*
Toluene-d8 (Surr)	*104*		*67 - 134*	*04/08/23 19:09*	*04/09/23 01:27*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		160	46	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Acenaphthylene	**1500**		160	35	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Acetophenone	ND		1600	280	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Anthracene	**940**		160	41	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Atrazine	ND		1600	350	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Benzaldehyde	ND		1600	99	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Benzo[a]anthracene	**1800**		160	72	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Benzo[a]pyrene	**1800**		160	69	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Benzo[b]fluoranthene	**2600**		160	39	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Benzo[g,h,i]perylene	**1300**		160	34	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Benzo[k]fluoranthene	**860**		160	48	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
1,1'-Biphenyl	ND		790	290	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Bis(2-chloroethoxy)methane	ND		790	290	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2

Client Sample ID: SSHS-IRM5A2-SCV37-0-0.17
Date Collected: 04/06/23 14:20
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-18
Matrix: Solid
Percent Solids: 82.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		160	29	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Bis(2-ethylhexyl) phthalate	ND		7900	850	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
4-Bromophenyl phenyl ether	ND		790	340	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Butyl benzyl phthalate	ND		790	550	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Caprolactam	ND		4100	520	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Carbazole	**120**	**J**	160	37	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
4-Chloroaniline	ND		790	210	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
4-Chloro-3-methylphenol	ND		790	280	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2-Chloronaphthalene	ND		160	37	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2-Chlorophenol	ND		790	290	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
4-Chlorophenyl phenyl ether	ND		790	270	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Chrysene	**2300**		160	88	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Dibenz(a,h)anthracene	**360**		160	100	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Dibenzofuran	ND		790	290	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
3,3'-Dichlorobenzidine	ND		790	740	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2,4-Dichlorophenol	ND		160	61	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Diethyl phthalate	ND		790	280	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2,4-Dimethylphenol	ND		790	270	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Dimethyl phthalate	ND		790	320	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Di-n-butyl phthalate	ND		790	350	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
4,6-Dinitro-2-methylphenol	ND		4100	1400	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2,4-Dinitrophenol	ND		7900	4900	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2,4-Dinitrotoluene	ND		790	480	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2,6-Dinitrotoluene	ND		790	310	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Di-n-octyl phthalate	ND		790	460	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
1,4-Dioxane	ND		1600	250	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Fluoranthene	**1900**		160	42	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Fluorene	**110**	**J**	160	31	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Hexachlorobenzene	ND		160	57	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Hexachlorobutadiene	ND		160	47	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Hexachlorocyclopentadiene	ND		790	82	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Hexachloroethane	ND		790	280	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Indeno[1,2,3-cd]pyrene	**1100**		160	79	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Isophorone	ND		790	300	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2-Methylnaphthalene	**130**	**J**	160	38	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2-Methylphenol	ND		790	230	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Methylphenol, 3 & 4	ND		790	230	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Naphthalene	**83**	**J**	160	31	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2-Nitroaniline	ND		4100	360	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
3-Nitroaniline	ND		4100	200	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
4-Nitroaniline	ND		4100	300	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Nitrobenzene	ND		1600	290	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2-Nitrophenol	ND		790	290	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
4-Nitrophenol	ND		4100	560	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
N-Nitrosodi-n-propylamine	ND		160	54	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
N-Nitrosodiphenylamine	ND		790	270	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2,2'-oxybis[1-chloropropane]	ND		160	59	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Pentachlorophenol	ND		4100	1300	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Phenanthrene	**360**		160	43	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV37-0-0.17
Date Collected: 04/06/23 14:20
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-18
Matrix: Solid
Percent Solids: 82.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		790	240	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
Pyrene	**3000**		160	38	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
1,2,4,5-Tetrachlorobenzene	ND		790	320	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2,3,4,6-Tetrachlorophenol	ND		790	330	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2,4,5-Trichlorophenol	ND		790	280	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2
2,4,6-Trichlorophenol	ND		790	270	ug/Kg	☼	04/13/23 10:13	04/15/23 16:39	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*44 - 105*	*04/13/23 10:13*	*04/15/23 16:39*	*2*
2-Fluorophenol (Surr)	*59*		*48 - 105*	*04/13/23 10:13*	*04/15/23 16:39*	*2*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*04/13/23 10:13*	*04/15/23 16:39*	*2*
Phenol-d5 (Surr)	*72*		*46 - 105*	*04/13/23 10:13*	*04/15/23 16:39*	*2*
Terphenyl-d14 (Surr)	*115*	*S1+*	*39 - 105*	*04/13/23 10:13*	*04/15/23 16:39*	*2*
2,4,6-Tribromophenol (Surr)	*104*		*34 - 108*	*04/13/23 10:13*	*04/15/23 16:39*	*2*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 14:40	1
PCB-1221	ND		20	6.9	ug/Kg	☼	04/12/23 11:18	04/14/23 14:40	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/12/23 11:18	04/14/23 14:40	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/12/23 11:18	04/14/23 14:40	1
PCB-1248	ND		20	4.7	ug/Kg	☼	04/12/23 11:18	04/14/23 14:40	1
PCB-1254	**200**		20	5.9	ug/Kg	☼	04/12/23 11:18	04/14/23 14:40	1
PCB-1260	**110**		20	5.6	ug/Kg	☼	04/12/23 11:18	04/14/23 14:40	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/12/23 11:18	04/14/23 14:40	1
PCB-1268	ND		20	2.6	ug/Kg	☼	04/12/23 11:18	04/14/23 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*91*		*63 - 138*	*04/12/23 11:18*	*04/14/23 14:40*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*63 - 138*	*04/12/23 11:18*	*04/14/23 14:40*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*04/12/23 11:18*	*04/14/23 14:40*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*04/12/23 11:18*	*04/14/23 14:40*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7600**		12	3.1	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Antimony	**1.1**		0.61	0.19	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Arsenic	**20**		3.1	1.9	mg/Kg	☼	04/13/23 11:15	05/01/23 16:25	5
Barium	**160**		12	2.2	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Beryllium	**0.68**		0.24	0.067	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Cadmium	**3.1**		1.5	0.22	mg/Kg	☼	04/13/23 11:15	05/01/23 16:25	5
Calcium	**3500**		310	40	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Chromium	**40**		0.31	0.28	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Cobalt	**14**		3.1	0.43	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Copper	**350**		1.5	0.92	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Iron	**75000**		31	30	mg/Kg	☼	04/13/23 11:15	05/01/23 16:25	5
Lead	**250**		3.1	2.7	mg/Kg	☼	04/13/23 11:15	05/01/23 16:25	5
Magnesium	**1700**		310	34	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Manganese	**610**		0.92	0.17	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Nickel	**120**		2.4	0.31	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1

Client Sample ID: SSHS-IRM5A2-SCV37-0-0.17

Lab Sample ID: 180-154713-18

Date Collected: 04/06/23 14:20
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 82.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	840		310	52	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Selenium	1.0		0.61	0.28	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Silver	0.19	J	0.31	0.064	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Sodium	89	J	310	31	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Thallium	ND		6.1	0.87	mg/Kg	☼	04/13/23 11:15	05/01/23 16:25	5
Vanadium	25		3.1	0.48	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1
Zinc	320	B	1.2	0.89	mg/Kg	☼	04/13/23 11:15	04/30/23 01:13	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.25		0.039	0.025	mg/Kg	☼	04/27/23 08:30	04/28/23 12:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	17.4		0.1	0.1	%			04/08/23 15:28	1
Percent Solids (SM22 2540G)	82.6		0.1	0.1	%			04/08/23 15:28	1

Client Sample ID: SSHS-IRM5A2-SCV37-0.17-0.83

Lab Sample ID: 180-154713-19

Date Collected: 04/06/23 14:25
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 77.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Benzene	ND		6.1	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Bromoform	ND		6.1	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Bromomethane	ND		6.1	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
2-Butanone (MEK)	ND	*+	6.1	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Carbon disulfide	ND		6.1	4.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Carbon tetrachloride	ND		6.1	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Chlorobenzene	ND		6.1	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Chlorobromomethane	ND		6.1	3.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Chlorodibromomethane	ND		6.1	3.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Chloroethane	ND		6.1	3.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Chloroform	ND		6.1	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Chloromethane	ND		6.1	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
cis-1,2-Dichloroethene	ND		6.1	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
cis-1,3-Dichloropropene	ND		6.1	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Cyclohexane	ND		6.1	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,2-Dibromo-3-Chloropropane	ND		6.1	3.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,2-Dibromoethane	ND		6.1	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,2-Dichlorobenzene	ND		6.1	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,3-Dichlorobenzene	ND		6.1	3.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,4-Dichlorobenzene	ND		6.1	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Dichlorobromomethane	ND		6.1	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Dichlorodifluoromethane	ND	*+	6.1	3.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,1-Dichloroethane	ND		6.1	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,2-Dichloroethane	ND		6.1	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,1-Dichloroethene	ND		6.1	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,2-Dichloroethene, Total	ND		12	5.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV37-0.17-0.83
Date Collected: 04/06/23 14:25
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-19
Matrix: Solid
Percent Solids: 77.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		6.1	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,4-Dioxane	ND		1200	43	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Ethylbenzene	ND		6.1	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
2-Hexanone	ND		6.1	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Isopropylbenzene	ND		6.1	3.2	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Methyl acetate	ND	*+	31	9.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Methylcyclohexane	ND		6.1	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Methylene Chloride	ND		6.1	5.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Methyl tert-butyl ether	ND		6.1	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
m-Xylene & p-Xylene	ND		6.1	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
o-Xylene	ND		6.1	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Styrene	ND		6.1	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,1,2,2-Tetrachloroethane	ND		6.1	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Tetrachloroethene	ND		6.1	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Toluene	ND		6.1	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
trans-1,2-Dichloroethene	ND		6.1	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
trans-1,3-Dichloropropene	ND		6.1	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,2,3-Trichlorobenzene	ND		6.1	3.4	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,2,4-Trichlorobenzene	ND		6.1	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,1,1-Trichloroethane	ND		6.1	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,1,2-Trichloroethane	ND		6.1	1.2	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Trichloroethene	ND		6.1	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Trichlorofluoromethane	ND		6.1	5.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Vinyl chloride	ND		6.1	4.4	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1
Xylenes, Total	ND		12	8.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*60 - 124*	*04/11/23 07:07*	*04/11/23 19:08*	*1*
Dibromofluoromethane (Surr)	*122*		*69 - 126*	*04/11/23 07:07*	*04/11/23 19:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*		*73 - 135*	*04/11/23 07:07*	*04/11/23 19:08*	*1*
Toluene-d8 (Surr)	*104*		*67 - 134*	*04/11/23 07:07*	*04/11/23 19:08*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**24**	**J**	85	24	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Acenaphthylene	**740**		85	18	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Acetophenone	ND		850	150	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Anthracene	**420**		85	22	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Atrazine	ND		850	180	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Benzaldehyde	ND		850	52	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Benzo[a]anthracene	**690**		85	38	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Benzo[a]pyrene	**800**		85	36	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Benzo[b]fluoranthene	**1100**		85	21	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Benzo[g,h,i]perylene	**690**		85	18	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Benzo[k]fluoranthene	**420**		85	25	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
1,1'-Biphenyl	ND		420	150	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Bis(2-chloroethoxy)methane	ND		420	150	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Bis(2-chloroethyl)ether	ND		85	15	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV37-0.17-0.83
Date Collected: 04/06/23 14:25
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-19
Matrix: Solid
Percent Solids: 77.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Carbazole	**73**	**J**	85	20	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2-Chloronaphthalene	ND		85	19	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Chrysene	**850**		85	47	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Dibenz(a,h)anthracene	**160**		85	54	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Dibenzofuran	ND		420	160	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
3,3'-Dichlorobenzidine	ND		420	390	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2,4-Dichlorophenol	ND		85	32	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Di-n-butyl phthalate	ND		420	180	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
4,6-Dinitro-2-methylphenol	ND		2100	730	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2,6-Dinitrotoluene	ND		420	160	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Di-n-octyl phthalate	ND		420	240	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
1,4-Dioxane	ND		850	130	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Fluoranthene	**910**		85	22	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Fluorene	**66**	**J**	85	17	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Hexachlorobenzene	ND		85	30	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Hexachlorobutadiene	ND		85	25	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Hexachlorocyclopentadiene	ND		420	43	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Indeno[1,2,3-cd]pyrene	**550**		85	42	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Isophorone	ND		420	160	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2-Methylnaphthalene	**120**		85	20	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Methylphenol, 3 & 4	ND		420	120	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Naphthalene	**130**		85	16	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
3-Nitroaniline	ND		2100	110	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
4-Nitroaniline	ND		2100	160	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Nitrobenzene	ND		850	150	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
4-Nitrophenol	ND		2100	300	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
N-Nitrosodi-n-propylamine	ND		85	29	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2,2'-oxybis[1-chloropropane]	ND		85	31	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Pentachlorophenol	ND		2100	680	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Phenanthrene	**310**		85	23	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
Phenol	ND		420	130	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1

Client Sample ID: SSHS-IRM5A2-SCV37-0.17-0.83

Date Collected: 04/06/23 14:25
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-19

Matrix: Solid
Percent Solids: 77.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**1300**		85	20	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*04/13/23 10:13*	*04/15/23 17:01*	*1*
2-Fluorophenol (Surr)	*60*		*48 - 105*	*04/13/23 10:13*	*04/15/23 17:01*	*1*
Nitrobenzene-d5 (Surr)	*67*		*46 - 105*	*04/13/23 10:13*	*04/15/23 17:01*	*1*
Phenol-d5 (Surr)	*64*		*46 - 105*	*04/13/23 10:13*	*04/15/23 17:01*	*1*
Terphenyl-d14 (Surr)	*67*		*39 - 105*	*04/13/23 10:13*	*04/15/23 17:01*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*04/13/23 10:13*	*04/15/23 17:01*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.9	ug/Kg	☼	04/12/23 11:18	04/14/23 14:58	1
PCB-1221	ND		21	7.5	ug/Kg	☼	04/12/23 11:18	04/14/23 14:58	1
PCB-1232	ND		21	5.2	ug/Kg	☼	04/12/23 11:18	04/14/23 14:58	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/12/23 11:18	04/14/23 14:58	1
PCB-1248	ND		21	5.1	ug/Kg	☼	04/12/23 11:18	04/14/23 14:58	1
PCB-1254	**570**		21	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 14:58	1
PCB-1260	**290**		21	6.0	ug/Kg	☼	04/12/23 11:18	04/14/23 14:58	1
PCB-1262	ND		21	7.4	ug/Kg	☼	04/12/23 11:18	04/14/23 14:58	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/12/23 11:18	04/14/23 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*87*		*63 - 138*	*04/12/23 11:18*	*04/14/23 14:58*	*1*
DCB Decachlorobiphenyl (Surr)	*93*		*63 - 138*	*04/12/23 11:18*	*04/14/23 14:58*	*1*
Tetrachloro-m-xylene (Surr)	*69*		*55 - 135*	*04/12/23 11:18*	*04/14/23 14:58*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*55 - 135*	*04/12/23 11:18*	*04/14/23 14:58*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7900**		23	5.8	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Antimony	**3.0**		1.2	0.35	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Arsenic	**31**		5.9	3.7	mg/Kg	☼	04/13/23 11:15	05/01/23 16:30	5
Barium	**250**		23	4.2	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Beryllium	**0.92**		0.47	0.13	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Cadmium	**6.3**		2.9	0.43	mg/Kg	☼	04/13/23 11:15	05/01/23 16:30	5
Calcium	**3300**		590	76	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Chromium	**58**		0.59	0.53	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Cobalt	**20**		5.9	0.82	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Copper	**450**		2.9	1.8	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Iron	**160000**		59	57	mg/Kg	☼	04/13/23 11:15	05/01/23 16:30	5
Lead	**270**		5.9	5.1	mg/Kg	☼	04/13/23 11:15	05/01/23 16:30	5
Magnesium	**1400**		590	64	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Manganese	**990**		1.8	0.33	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Nickel	**340**		4.7	0.59	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Potassium	**660**		590	100	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1

Client Sample ID: SSHS-IRM5A2-SCV37-0.17-0.83

Lab Sample ID: 180-154713-19

Date Collected: 04/06/23 14:25
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 77.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	1.3		1.2	0.54	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Silver	0.39	J	0.59	0.12	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Sodium	86	J	590	60	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Thallium	ND		12	1.7	mg/Kg	☼	04/13/23 11:15	05/01/23 16:30	5
Vanadium	27		5.9	0.93	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1
Zinc	480	B	2.3	1.7	mg/Kg	☼	04/13/23 11:15	04/30/23 01:18	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.42		0.043	0.027	mg/Kg	☼	04/27/23 08:30	04/28/23 12:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	22.4		0.1	0.1	%			04/10/23 13:42	1
Percent Solids (SM22 2540G)	77.6		0.1	0.1	%			04/10/23 13:42	1

Client Sample ID: SSHS-IRM5A2-SCV37-0.83-1.83

Lab Sample ID: 180-154713-20

Date Collected: 04/06/23 14:30
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.4	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Benzene	ND		5.6	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Bromomethane	ND		5.6	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
2-Butanone (MEK)	ND	*+	5.6	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Carbon disulfide	ND		5.6	4.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Carbon tetrachloride	ND		5.6	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Chlorobenzene	ND		5.6	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Chlorobromomethane	ND		5.6	3.4	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Chlorodibromomethane	ND		5.6	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Chloroethane	ND		5.6	3.3	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Chloroform	ND		5.6	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Chloromethane	ND		5.6	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
cis-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Cyclohexane	ND		5.6	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,2-Dibromo-3-Chloropropane	ND		5.6	3.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,2-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,3-Dichlorobenzene	ND		5.6	3.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,4-Dichlorobenzene	ND		5.6	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Dichlorobromomethane	ND		5.6	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Dichlorodifluoromethane	ND	*+	5.6	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,1-Dichloroethane	ND		5.6	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,2-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,1-Dichloroethene	ND		5.6	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,2-Dichloropropane	ND		5.6	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1

Client Sample ID: SSHS-IRM5A2-SCV37-0.83-1.83
Date Collected: 04/06/23 14:30
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-20
Matrix: Solid
Percent Solids: 83.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Ethylbenzene	ND		5.6	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
2-Hexanone	ND		5.6	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Isopropylbenzene	ND		5.6	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Methyl acetate	ND	*+	28	8.3	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Methylcyclohexane	ND		5.6	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Methylene Chloride	ND		5.6	5.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.6	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Methyl tert-butyl ether	ND		5.6	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
m-Xylene & p-Xylene	ND		5.6	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
o-Xylene	ND		5.6	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Styrene	ND		5.6	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Tetrachloroethene	ND		5.6	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Toluene	ND		5.6	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
trans-1,2-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,2,3-Trichlorobenzene	ND		5.6	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,2,4-Trichlorobenzene	ND		5.6	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,1,1-Trichloroethane	ND		5.6	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,1,2-Trichloroethane	ND		5.6	1.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Trichloroethene	ND		5.6	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Trichlorofluoromethane	ND		5.6	4.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Vinyl chloride	ND		5.6	4.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1
Xylenes, Total	ND		11	8.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*	*04/11/23 07:07*	*04/11/23 19:53*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*	*04/11/23 07:07*	*04/11/23 19:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*73 - 135*	*04/11/23 07:07*	*04/11/23 19:53*	*1*
Toluene-d8 (Surr)	*101*		*67 - 134*	*04/11/23 07:07*	*04/11/23 19:53*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**34**	**J**	79	23	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Acenaphthylene	**990**		79	17	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Acetophenone	ND		790	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Anthracene	**620**		79	20	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Atrazine	ND		790	170	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Benzaldehyde	ND		790	49	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Benzo[a]anthracene	**1200**		79	35	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Benzo[a]pyrene	**1200**		79	34	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Benzo[b]fluoranthene	**1800**		79	19	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Benzo[g,h,i]perylene	**930**		79	17	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Benzo[k]fluoranthene	**410**		79	24	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Bis(2-chloroethyl)ether	ND		79	14	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV37-0.83-1.83
Date Collected: 04/06/23 14:30
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-20
Matrix: Solid
Percent Solids: 83.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Carbazole	**94**		79	18	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2-Chlorophenol	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Chrysene	**1400**		79	44	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Dibenz(a,h)anthracene	**230**		79	50	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Dibenzofuran	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Dimethyl phthalate	ND		390	160	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Di-n-butyl phthalate	ND		390	170	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
1,4-Dioxane	ND		790	120	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Fluoranthene	**1500**		79	21	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Fluorene	**88**		79	15	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Hexachlorocyclopentadiene	ND		390	40	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Indeno[1,2,3-cd]pyrene	**740**		79	39	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Isophorone	ND		390	150	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2-Methylnaphthalene	**170**		79	19	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Naphthalene	**170**		79	15	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Nitrobenzene	ND		790	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2-Nitrophenol	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Phenanthrene	**360**		79	21	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Phenol	ND		390	120	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
Pyrene	**2100**		79	19	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1

Client Sample ID: SSHS-IRM5A2-SCV37-0.83-1.83
Date Collected: 04/06/23 14:30
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-20
Matrix: Solid
Percent Solids: 83.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/13/23 10:13	04/15/23 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*44 - 105*	*04/13/23 10:13*	*04/15/23 17:23*	*1*
2-Fluorophenol (Surr)	*55*		*48 - 105*	*04/13/23 10:13*	*04/15/23 17:23*	*1*
Nitrobenzene-d5 (Surr)	*65*		*46 - 105*	*04/13/23 10:13*	*04/15/23 17:23*	*1*
Phenol-d5 (Surr)	*62*		*46 - 105*	*04/13/23 10:13*	*04/15/23 17:23*	*1*
Terphenyl-d14 (Surr)	*55*		*39 - 105*	*04/13/23 10:13*	*04/15/23 17:23*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*34 - 108*	*04/13/23 10:13*	*04/15/23 17:23*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/12/23 11:18	04/14/23 15:17	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/12/23 11:18	04/14/23 15:17	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/12/23 11:18	04/14/23 15:17	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/12/23 11:18	04/14/23 15:17	1
PCB-1248	ND		20	4.7	ug/Kg	☼	04/12/23 11:18	04/14/23 15:17	1
PCB-1254	**210**		20	5.9	ug/Kg	☼	04/12/23 11:18	04/14/23 15:17	1
PCB-1260	**130**		20	5.6	ug/Kg	☼	04/12/23 11:18	04/14/23 15:17	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/12/23 11:18	04/14/23 15:17	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/12/23 11:18	04/14/23 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*87*		*63 - 138*	*04/12/23 11:18*	*04/14/23 15:17*	*1*
DCB Decachlorobiphenyl (Surr)	*96*		*63 - 138*	*04/12/23 11:18*	*04/14/23 15:17*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*55 - 135*	*04/12/23 11:18*	*04/14/23 15:17*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*55 - 135*	*04/12/23 11:18*	*04/14/23 15:17*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7700**		18	4.4	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Antimony	**3.8**		0.88	0.27	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Arsenic	**32**		8.8	5.5	mg/Kg	☼	04/13/23 11:15	05/01/23 16:35	10
Barium	**150**		18	3.1	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Beryllium	**0.62**		0.35	0.096	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Cadmium	**3.9**	**J**	4.4	0.64	mg/Kg	☼	04/13/23 11:15	05/01/23 16:35	10
Calcium	**3300**		440	57	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Chromium	**73**		0.44	0.40	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Cobalt	**18**	**J**	44	6.2	mg/Kg	☼	04/13/23 11:15	05/01/23 16:35	10
Copper	**390**		2.2	1.3	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Iron	**180000**		88	85	mg/Kg	☼	04/13/23 11:15	05/01/23 16:35	10
Lead	**140**		8.8	7.6	mg/Kg	☼	04/13/23 11:15	05/01/23 16:35	10
Magnesium	**1700**		440	48	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Manganese	**1100**		1.3	0.24	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Nickel	**230**		35	4.4	mg/Kg	☼	04/13/23 11:15	05/01/23 16:35	10
Potassium	**870**		440	75	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Selenium	ND		0.88	0.40	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154713-1

Client Sample ID: SSHS-IRM5A2-SCV37-0.83-1.83
Date Collected: 04/06/23 14:30
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154713-20
Matrix: Solid
Percent Solids: 83.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.23	J	0.44	0.091	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Sodium	68	J	440	45	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Thallium	ND		18	2.5	mg/Kg	☼	04/13/23 11:15	05/01/23 16:35	10
Vanadium	24		4.4	0.69	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1
Zinc	260	B	1.8	1.3	mg/Kg	☼	04/13/23 11:15	04/30/23 01:23	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.038	0.024	mg/Kg	☼	04/27/23 08:30	04/28/23 12:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	16.2		0.1	0.1	%			04/10/23 13:42	1
Percent Solids (SM22 2540G)	83.8		0.1	0.1	%			04/10/23 13:42	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 180-431744/7
Matrix: Solid
Analysis Batch: 431744

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/08/23 15:36	1
Benzene	ND		5.0	1.4	ug/Kg			04/08/23 15:36	1
Bromoform	ND		5.0	2.5	ug/Kg			04/08/23 15:36	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/08/23 15:36	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/08/23 15:36	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/08/23 15:36	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/08/23 15:36	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/08/23 15:36	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/08/23 15:36	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/08/23 15:36	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/08/23 15:36	1
Chloroform	ND		5.0	1.6	ug/Kg			04/08/23 15:36	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/08/23 15:36	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/08/23 15:36	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/08/23 15:36	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/08/23 15:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/08/23 15:36	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/08/23 15:36	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/08/23 15:36	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/08/23 15:36	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/08/23 15:36	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/08/23 15:36	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/08/23 15:36	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/08/23 15:36	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/08/23 15:36	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/08/23 15:36	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/08/23 15:36	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/08/23 15:36	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/08/23 15:36	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/08/23 15:36	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/08/23 15:36	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/08/23 15:36	1
Methyl acetate	ND		25	7.4	ug/Kg			04/08/23 15:36	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/08/23 15:36	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/08/23 15:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/08/23 15:36	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/08/23 15:36	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/08/23 15:36	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/08/23 15:36	1
Styrene	ND		5.0	1.5	ug/Kg			04/08/23 15:36	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/08/23 15:36	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/08/23 15:36	1
Toluene	ND		5.0	1.4	ug/Kg			04/08/23 15:36	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/08/23 15:36	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/08/23 15:36	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/08/23 15:36	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/08/23 15:36	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/08/23 15:36	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-431744/7
Matrix: Solid
Analysis Batch: 431744

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/08/23 15:36	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/08/23 15:36	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/08/23 15:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/08/23 15:36	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/08/23 15:36	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/08/23 15:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*60 - 124*		*04/08/23 15:36*	*1*
Dibromofluoromethane (Surr)	*109*		*69 - 126*		*04/08/23 15:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*73 - 135*		*04/08/23 15:36*	*1*
Toluene-d8 (Surr)	*106*		*67 - 134*		*04/08/23 15:36*	*1*

Lab Sample ID: LCS 180-431744/11
Matrix: Solid
Analysis Batch: 431744

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	48.1		ug/Kg		120	23 - 170
Benzene	40.0	35.4		ug/Kg		89	77 - 120
Bromoform	40.0	47.9		ug/Kg		120	37 - 147
Bromomethane	40.0	33.6		ug/Kg		84	47 - 149
2-Butanone (MEK)	40.0	40.3		ug/Kg		101	39 - 157
Carbon disulfide	40.0	32.4		ug/Kg		81	40 - 156
Carbon tetrachloride	40.0	37.8		ug/Kg		95	73 - 130
Chlorobenzene	40.0	37.3		ug/Kg		93	79 - 122
Chlorobromomethane	40.0	38.1		ug/Kg		95	64 - 128
Chlorodibromomethane	40.0	42.7		ug/Kg		107	60 - 134
Chloroethane	40.0	39.0		ug/Kg		98	37 - 159
Chloroform	40.0	35.6		ug/Kg		89	73 - 126
Chloromethane	40.0	21.4		ug/Kg		54	46 - 151
cis-1,2-Dichloroethene	40.0	36.4		ug/Kg		91	77 - 118
cis-1,3-Dichloropropene	40.0	37.5		ug/Kg		94	73 - 127
Cyclohexane	40.0	32.9		ug/Kg		82	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	46.7		ug/Kg		117	30 - 163
1,2-Dibromoethane	40.0	42.9		ug/Kg		107	59 - 137
1,2-Dichlorobenzene	40.0	37.1		ug/Kg		93	76 - 120
1,3-Dichlorobenzene	40.0	37.8		ug/Kg		94	77 - 121
1,4-Dichlorobenzene	40.0	38.1		ug/Kg		95	79 - 120
Dichlorobromomethane	40.0	36.5		ug/Kg		91	75 - 123
Dichlorodifluoromethane	40.0	15.4		ug/Kg		39	26 - 149
1,1-Dichloroethane	40.0	33.6		ug/Kg		84	73 - 124
1,2-Dichloroethane	40.0	40.3		ug/Kg		101	64 - 140
1,1-Dichloroethene	40.0	35.9		ug/Kg		90	55 - 136
1,2-Dichloroethene, Total	80.0	73.5		ug/Kg		92	77 - 119
1,2-Dichloropropane	40.0	32.7		ug/Kg		82	77 - 119
1,4-Dioxane	800	848	J	ug/Kg		106	18 - 166
Ethylbenzene	40.0	37.2		ug/Kg		93	79 - 119

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-431744/11
Matrix: Solid
Analysis Batch: 431744

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	40.0	45.0		ug/Kg		112	42 - 152
Isopropylbenzene	40.0	42.3		ug/Kg		106	70 - 125
Methyl acetate	80.0	130		ug/Kg		162	20 - 170
Methylcyclohexane	40.0	36.1		ug/Kg		90	70 - 125
Methylene Chloride	40.0	34.6		ug/Kg		86	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	44.8		ug/Kg		112	51 - 147
Methyl tert-butyl ether	40.0	35.9		ug/Kg		90	58 - 132
m-Xylene & p-Xylene	40.0	40.0		ug/Kg		100	77 - 120
o-Xylene	40.0	40.6		ug/Kg		102	78 - 118
Styrene	40.0	40.3		ug/Kg		101	80 - 120
1,1,2,2-Tetrachloroethane	40.0	53.1		ug/Kg		133	36 - 170
Tetrachloroethene	40.0	44.0		ug/Kg		110	71 - 121
Toluene	40.0	39.3		ug/Kg		98	76 - 120
trans-1,2-Dichloroethene	40.0	37.1		ug/Kg		93	75 - 122
trans-1,3-Dichloropropene	40.0	41.6		ug/Kg		104	68 - 133
1,2,3-Trichlorobenzene	40.0	36.2		ug/Kg		90	29 - 166
1,2,4-Trichlorobenzene	40.0	35.3		ug/Kg		88	22 - 170
1,1,1-Trichloroethane	40.0	38.5		ug/Kg		96	72 - 134
1,1,2-Trichloroethane	40.0	42.6		ug/Kg		107	66 - 128
Trichloroethene	40.0	38.2		ug/Kg		96	69 - 118
Trichlorofluoromethane	40.0	41.0		ug/Kg		103	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	35.9		ug/Kg		90	59 - 135
Vinyl chloride	40.0	26.6		ug/Kg		66	64 - 134
Xylenes, Total	80.0	80.6		ug/Kg		101	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*60 - 124*
Dibromofluoromethane (Surr)	*99*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*99*		*73 - 135*
Toluene-d8 (Surr)	*112*		*67 - 134*

Lab Sample ID: MB 180-431907/10
Matrix: Solid
Analysis Batch: 431907

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/11/23 12:39	1
Benzene	ND		5.0	1.4	ug/Kg			04/11/23 12:39	1
Bromoform	ND		5.0	2.5	ug/Kg			04/11/23 12:39	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/11/23 12:39	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/11/23 12:39	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/11/23 12:39	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/11/23 12:39	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/11/23 12:39	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/11/23 12:39	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/11/23 12:39	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/11/23 12:39	1
Chloroform	ND		5.0	1.6	ug/Kg			04/11/23 12:39	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-431907/10
Matrix: Solid
Analysis Batch: 431907

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.0	2.0	ug/Kg			04/11/23 12:39	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/11/23 12:39	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/11/23 12:39	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/11/23 12:39	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/11/23 12:39	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/11/23 12:39	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/11/23 12:39	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/11/23 12:39	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/11/23 12:39	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/11/23 12:39	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/11/23 12:39	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/11/23 12:39	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/11/23 12:39	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/11/23 12:39	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/11/23 12:39	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/11/23 12:39	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/11/23 12:39	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/11/23 12:39	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/11/23 12:39	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/11/23 12:39	1
Methyl acetate	ND		25	7.4	ug/Kg			04/11/23 12:39	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/11/23 12:39	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/11/23 12:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/11/23 12:39	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/11/23 12:39	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/11/23 12:39	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/11/23 12:39	1
Styrene	ND		5.0	1.5	ug/Kg			04/11/23 12:39	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/11/23 12:39	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/11/23 12:39	1
Toluene	ND		5.0	1.4	ug/Kg			04/11/23 12:39	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/11/23 12:39	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/11/23 12:39	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/11/23 12:39	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/11/23 12:39	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/11/23 12:39	1
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/11/23 12:39	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/11/23 12:39	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/11/23 12:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/11/23 12:39	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/11/23 12:39	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/11/23 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*		*04/11/23 12:39*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*		*04/11/23 12:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*73 - 135*		*04/11/23 12:39*	*1*
Toluene-d8 (Surr)	*103*		*67 - 134*		*04/11/23 12:39*	*1*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-431907/4
Matrix: Solid
Analysis Batch: 431907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	57.2		ug/Kg		143	23 - 170
Benzene	40.0	41.1		ug/Kg		103	77 - 120
Bromoform	40.0	41.5		ug/Kg		104	37 - 147
Bromomethane	40.0	40.1		ug/Kg		100	47 - 149
2-Butanone (MEK)	40.0	129	*+	ug/Kg		322	39 - 157
Carbon disulfide	40.0	53.0		ug/Kg		132	40 - 156
Carbon tetrachloride	40.0	49.2		ug/Kg		123	73 - 130
Chlorobenzene	40.0	37.0		ug/Kg		92	79 - 122
Chlorobromomethane	40.0	45.8		ug/Kg		114	64 - 128
Chlorodibromomethane	40.0	41.6		ug/Kg		104	60 - 134
Chloroethane	40.0	49.8		ug/Kg		125	37 - 159
Chloroform	40.0	43.2		ug/Kg		108	73 - 126
Chloromethane	40.0	39.6		ug/Kg		99	46 - 151
cis-1,2-Dichloroethene	40.0	43.4		ug/Kg		108	77 - 118
cis-1,3-Dichloropropene	40.0	44.2		ug/Kg		110	73 - 127
Cyclohexane	40.0	43.5		ug/Kg		109	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	37.8		ug/Kg		94	30 - 163
1,2-Dibromoethane	40.0	37.4		ug/Kg		94	59 - 137
1,2-Dichlorobenzene	40.0	36.3		ug/Kg		91	76 - 120
1,3-Dichlorobenzene	40.0	37.7		ug/Kg		94	77 - 121
1,4-Dichlorobenzene	40.0	37.7		ug/Kg		94	79 - 120
Dichlorobromomethane	40.0	42.5		ug/Kg		106	75 - 123
Dichlorodifluoromethane	40.0	74.8	*+	ug/Kg		187	26 - 149
1,1-Dichloroethane	40.0	41.9		ug/Kg		105	73 - 124
1,2-Dichloroethane	40.0	53.3		ug/Kg		133	64 - 140
1,1-Dichloroethene	40.0	49.7		ug/Kg		124	55 - 136
1,2-Dichloroethene, Total	80.0	88.4		ug/Kg		111	77 - 119
1,2-Dichloropropane	40.0	37.7		ug/Kg		94	77 - 119
1,4-Dioxane	800	797	J	ug/Kg		100	18 - 166
Ethylbenzene	40.0	36.8		ug/Kg		92	79 - 119
2-Hexanone	40.0	41.8		ug/Kg		105	42 - 152
Isopropylbenzene	40.0	36.6		ug/Kg		91	70 - 125
Methyl acetate	80.0	151	*+	ug/Kg		189	20 - 170
Methylcyclohexane	40.0	41.6		ug/Kg		104	70 - 125
Methylene Chloride	40.0	46.5		ug/Kg		116	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	38.6		ug/Kg		97	51 - 147
Methyl tert-butyl ether	40.0	45.0		ug/Kg		112	58 - 132
m-Xylene & p-Xylene	40.0	37.9		ug/Kg		95	77 - 120
o-Xylene	40.0	36.3		ug/Kg		91	78 - 118
Styrene	40.0	37.4		ug/Kg		94	80 - 120
1,1,2,2-Tetrachloroethane	40.0	37.7		ug/Kg		94	36 - 170
Tetrachloroethene	40.0	41.5		ug/Kg		104	71 - 121
Toluene	40.0	36.9		ug/Kg		92	76 - 120
trans-1,2-Dichloroethene	40.0	45.0		ug/Kg		113	75 - 122
trans-1,3-Dichloropropene	40.0	39.1		ug/Kg		98	68 - 133
1,2,3-Trichlorobenzene	40.0	41.2		ug/Kg		103	29 - 166
1,2,4-Trichlorobenzene	40.0	40.6		ug/Kg		102	22 - 170
1,1,1-Trichloroethane	40.0	48.0		ug/Kg		120	72 - 134

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-431907/4
Matrix: Solid
Analysis Batch: 431907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	40.0	36.0		ug/Kg		90	66 - 128
Trichloroethene	40.0	44.7		ug/Kg		112	69 - 118
Trichlorofluoromethane	40.0	49.5		ug/Kg		124	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	50.5		ug/Kg		126	59 - 135
Vinyl chloride	40.0	41.0		ug/Kg		103	64 - 134
Xylenes, Total	80.0	74.2		ug/Kg		93	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*60 - 124*
Dibromofluoromethane (Surr)	*115*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*122*		*73 - 135*
Toluene-d8 (Surr)	*103*		*67 - 134*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-432207/1-A
Matrix: Solid
Analysis Batch: 432394

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432207

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Acenaphthylene	ND		67	15	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Acetophenone	ND		670	120	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Anthracene	ND		67	17	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Atrazine	ND		670	150	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Benzaldehyde	ND		670	41	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Benzo[a]anthracene	ND		67	30	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Benzo[a]pyrene	ND		67	29	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
1,1'-Biphenyl	ND		330	120	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Bis(2-chloroethyl)ether	ND		67	12	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Butyl benzyl phthalate	ND		330	230	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Caprolactam	ND		1700	220	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Carbazole	ND		67	16	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
4-Chloroaniline	ND		330	88	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2-Chloronaphthalene	ND		67	15	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2-Chlorophenol	ND		330	120	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Chrysene	ND		67	37	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Dibenzofuran	ND		330	120	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		04/13/23 10:13	04/15/23 06:29	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432207/1-A
Matrix: Solid
Analysis Batch: 432394

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432207

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		67	26	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Diethyl phthalate	ND		330	120	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Dimethyl phthalate	ND		330	130	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Di-n-butyl phthalate	ND		330	150	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
1,4-Dioxane	ND		670	100	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Fluoranthene	ND		67	18	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Fluorene	ND		67	13	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Hexachlorobenzene	ND		67	24	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Hexachlorobutadiene	ND		67	20	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Hexachlorocyclopentadiene	ND		330	34	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Hexachloroethane	ND		330	120	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Isophorone	ND		330	130	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2-Methylnaphthalene	ND		67	16	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2-Methylphenol	ND		330	96	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Naphthalene	ND		67	13	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2-Nitroaniline	ND		1700	150	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
3-Nitroaniline	ND		1700	85	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
4-Nitroaniline	ND		1700	120	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Nitrobenzene	ND		670	120	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2-Nitrophenol	ND		330	120	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
4-Nitrophenol	ND		1700	230	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Pentachlorophenol	ND		1700	540	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Phenanthrene	ND		67	18	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Phenol	ND		330	100	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
Pyrene	ND		67	16	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		04/13/23 10:13	04/15/23 06:29	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		04/13/23 10:13	04/15/23 06:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*44 - 105*	*04/13/23 10:13*	*04/15/23 06:29*	*1*
2-Fluorophenol (Surr)	*68*		*48 - 105*	*04/13/23 10:13*	*04/15/23 06:29*	*1*
Nitrobenzene-d5 (Surr)	*87*		*46 - 105*	*04/13/23 10:13*	*04/15/23 06:29*	*1*
Phenol-d5 (Surr)	*76*		*46 - 105*	*04/13/23 10:13*	*04/15/23 06:29*	*1*
Terphenyl-d14 (Surr)	*75*		*39 - 105*	*04/13/23 10:13*	*04/15/23 06:29*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*34 - 108*	*04/13/23 10:13*	*04/15/23 06:29*	*1*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432207/2-A
Matrix: Solid
Analysis Batch: 432394

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432207

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	5010		ug/Kg		75	50 - 100
Acenaphthylene	6670	5180		ug/Kg		78	52 - 100
Acetophenone	6670	4980		ug/Kg		75	48 - 100
Anthracene	6670	5130		ug/Kg		77	53 - 100
Atrazine	6670	5210		ug/Kg		78	49 - 103
Benzaldehyde	6670	3810		ug/Kg		57	23 - 105
Benzo[a]anthracene	6670	5220		ug/Kg		78	51 - 100
Benzo[a]pyrene	6670	5150		ug/Kg		77	51 - 100
Benzo[b]fluoranthene	6670	5240		ug/Kg		79	48 - 100
Benzo[g,h,i]perylene	6670	4970		ug/Kg		75	48 - 105
Benzo[k]fluoranthene	6670	4570		ug/Kg		69	19 - 100
1,1'-Biphenyl	6670	5050		ug/Kg		76	50 - 100
Bis(2-chloroethoxy)methane	6670	4260		ug/Kg		64	49 - 100
Bis(2-chloroethyl)ether	6670	5080		ug/Kg		76	48 - 100
Bis(2-ethylhexyl) phthalate	6670	5150		ug/Kg		77	53 - 107
4-Bromophenyl phenyl ether	6670	5490		ug/Kg		82	52 - 101
Butyl benzyl phthalate	6670	5590		ug/Kg		84	52 - 107
Caprolactam	6670	5870		ug/Kg		88	48 - 111
Carbazole	6670	4970		ug/Kg		75	53 - 100
4-Chloroaniline	6670	4970		ug/Kg		74	47 - 100
4-Chloro-3-methylphenol	6670	5570		ug/Kg		84	49 - 106
2-Chloronaphthalene	6670	4680		ug/Kg		70	51 - 100
2-Chlorophenol	6670	5000		ug/Kg		75	51 - 100
4-Chlorophenyl phenyl ether	6670	5330		ug/Kg		80	52 - 100
Chrysene	6670	4850		ug/Kg		73	50 - 100
Dibenz(a,h)anthracene	6670	5200		ug/Kg		78	50 - 107
Dibenzofuran	6670	4830		ug/Kg		72	52 - 100
3,3'-Dichlorobenzidine	6670	4950		ug/Kg		74	43 - 100
2,4-Dichlorophenol	6670	5510		ug/Kg		83	53 - 101
Diethyl phthalate	6670	4930		ug/Kg		74	48 - 104
2,4-Dimethylphenol	6670	5210		ug/Kg		78	51 - 101
Dimethyl phthalate	6670	5290		ug/Kg		79	53 - 100
Di-n-butyl phthalate	6670	5370		ug/Kg		81	57 - 102
4,6-Dinitro-2-methylphenol	13300	13100		ug/Kg		98	51 - 100
2,4-Dinitrophenol	13300	12300		ug/Kg		93	33 - 101
2,4-Dinitrotoluene	6670	5660		ug/Kg		85	54 - 104
2,6-Dinitrotoluene	6670	5310		ug/Kg		80	51 - 106
Di-n-octyl phthalate	6670	5310		ug/Kg		80	41 - 106
1,4-Dioxane	6670	5190		ug/Kg		78	25 - 125
Fluoranthene	6670	5260		ug/Kg		79	55 - 100
Fluorene	6670	4910		ug/Kg		74	52 - 100
Hexachlorobenzene	6670	5060		ug/Kg		76	49 - 100
Hexachlorobutadiene	6670	4930		ug/Kg		74	38 - 107
Hexachlorocyclopentadiene	6670	5520		ug/Kg		83	33 - 117
Hexachloroethane	6670	4890		ug/Kg		73	47 - 100
Indeno[1,2,3-cd]pyrene	6670	5080		ug/Kg		76	51 - 103
Isophorone	6670	5780		ug/Kg		87	48 - 105
2-Methylnaphthalene	6670	5030		ug/Kg		75	53 - 100

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432207/2-A
Matrix: Solid
Analysis Batch: 432394

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432207

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2-Methylphenol			6670	5280		ug/Kg		79	50 - 101		
Methylphenol, 3 & 4			6670	5340		ug/Kg		80	50 - 103		
Naphthalene			6670	4810		ug/Kg		72	51 - 100		
2-Nitroaniline			6670	6060		ug/Kg		91	42 - 123		
3-Nitroaniline			6670	5500		ug/Kg		83	50 - 103		
4-Nitroaniline			6670	5230		ug/Kg		78	52 - 103		
Nitrobenzene			6670	5660		ug/Kg		85	44 - 108		
2-Nitrophenol			6670	5880		ug/Kg		88	55 - 107		
4-Nitrophenol			13300	9540		ug/Kg		72	30 - 134		
N-Nitrosodi-n-propylamine			6670	5700		ug/Kg		86	45 - 107		
N-Nitrosodiphenylamine			6670	5410		ug/Kg		81	52 - 100		
2,2'-oxybis[1-chloropropane]			6670	5170		ug/Kg		78	30 - 113		
Pentachlorophenol			13300	9970		ug/Kg		75	42 - 110		
Phenanthrene			6670	4930		ug/Kg		74	53 - 100		
Phenol			6670	5360		ug/Kg		80	49 - 100		
Pyrene			6670	5430		ug/Kg		82	52 - 100		
1,2,4,5-Tetrachlorobenzene			6670	5190		ug/Kg		78	41 - 104		
2,3,4,6-Tetrachlorophenol			6670	5340		ug/Kg		80	47 - 104		
2,4,5-Trichlorophenol			6670	5390		ug/Kg		81	50 - 104		
2,4,6-Trichlorophenol			6670	5880		ug/Kg		88	50 - 105		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*71*		*44 - 105*
2-Fluorophenol (Surr)	*77*		*48 - 105*
Nitrobenzene-d5 (Surr)	*81*		*46 - 105*
Phenol-d5 (Surr)	*80*		*46 - 105*
Terphenyl-d14 (Surr)	*80*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*73*		*34 - 108*

Lab Sample ID: LCSD 180-432207/3-A
Matrix: Solid
Analysis Batch: 432394

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 432207

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			6670	4650		ug/Kg		70	50 - 100	7	20
Acenaphthylene			6670	4750		ug/Kg		71	52 - 100	9	20
Acetophenone			6670	4740		ug/Kg		71	48 - 100	5	17
Anthracene			6670	4730		ug/Kg		71	53 - 100	8	20
Atrazine			6670	4950		ug/Kg		74	49 - 103	5	19
Benzaldehyde			6670	3800		ug/Kg		57	23 - 105	0	31
Benzo[a]anthracene			6670	4860		ug/Kg		73	51 - 100	7	21
Benzo[a]pyrene			6670	4880		ug/Kg		73	51 - 100	5	20
Benzo[b]fluoranthene			6670	4810		ug/Kg		72	48 - 100	8	20
Benzo[g,h,i]perylene			6670	4790		ug/Kg		72	48 - 105	4	19
Benzo[k]fluoranthene			6670	4430		ug/Kg		66	19 - 100	3	20
1,1'-Biphenyl			6670	4640		ug/Kg		70	50 - 100	9	19
Bis(2-chloroethoxy)methane			6670	4160		ug/Kg		62	49 - 100	2	20
Bis(2-chloroethyl)ether			6670	5050		ug/Kg		76	48 - 100	0	18

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 180-432207/3-A
Matrix: Solid
Analysis Batch: 432394

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 432207

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-ethylhexyl) phthalate	6670	4830		ug/Kg		72	53 - 107	6	20
4-Bromophenyl phenyl ether	6670	5100		ug/Kg		77	52 - 101	7	20
Butyl benzyl phthalate	6670	5220		ug/Kg		78	52 - 107	7	19
Caprolactam	6670	5660		ug/Kg		85	48 - 111	4	23
Carbazole	6670	4670		ug/Kg		70	53 - 100	6	20
4-Chloroaniline	6670	4650		ug/Kg		70	47 - 100	7	20
4-Chloro-3-methylphenol	6670	5160		ug/Kg		77	49 - 106	8	20
2-Chloronaphthalene	6670	4360		ug/Kg		65	51 - 100	7	20
2-Chlorophenol	6670	4780		ug/Kg		72	51 - 100	4	17
4-Chlorophenyl phenyl ether	6670	4810		ug/Kg		72	52 - 100	10	19
Chrysene	6670	4490		ug/Kg		67	50 - 100	8	20
Dibenz(a,h)anthracene	6670	4940		ug/Kg		74	50 - 107	5	21
Dibenzofuran	6670	4550		ug/Kg		68	52 - 100	6	19
3,3'-Dichlorobenzidine	6670	4660		ug/Kg		70	43 - 100	6	19
2,4-Dichlorophenol	6670	5360		ug/Kg		80	53 - 101	3	22
Diethyl phthalate	6670	4550		ug/Kg		68	48 - 104	8	20
2,4-Dimethylphenol	6670	4950		ug/Kg		74	51 - 101	5	32
Dimethyl phthalate	6670	4840		ug/Kg		73	53 - 100	9	21
Di-n-butyl phthalate	6670	4990		ug/Kg		75	57 - 102	7	20
4,6-Dinitro-2-methylphenol	13300	12200		ug/Kg		92	51 - 100	7	22
2,4-Dinitrophenol	13300	11200		ug/Kg		84	33 - 101	10	20
2,4-Dinitrotoluene	6670	5180		ug/Kg		78	54 - 104	9	20
2,6-Dinitrotoluene	6670	4920		ug/Kg		74	51 - 106	8	20
Di-n-octyl phthalate	6670	5020		ug/Kg		75	41 - 106	6	18
1,4-Dioxane	6670	5120		ug/Kg		77	25 - 125	1	17
Fluoranthene	6670	4870		ug/Kg		73	55 - 100	8	20
Fluorene	6670	4500		ug/Kg		68	52 - 100	9	19
Hexachlorobenzene	6670	4720		ug/Kg		71	49 - 100	7	20
Hexachlorobutadiene	6670	4670		ug/Kg		70	38 - 107	5	22
Hexachlorocyclopentadiene	6670	5070		ug/Kg		76	33 - 117	9	19
Hexachloroethane	6670	4840		ug/Kg		73	47 - 100	1	17
Indeno[1,2,3-cd]pyrene	6670	4810		ug/Kg		72	51 - 103	5	19
Isophorone	6670	5570		ug/Kg		84	48 - 105	4	20
2-Methylnaphthalene	6670	4800		ug/Kg		72	53 - 100	5	21
2-Methylphenol	6670	5120		ug/Kg		77	50 - 101	3	17
Methylphenol, 3 & 4	6670	5070		ug/Kg		76	50 - 103	5	19
Naphthalene	6670	4630		ug/Kg		69	51 - 100	4	20
2-Nitroaniline	6670	5260		ug/Kg		79	42 - 123	14	19
3-Nitroaniline	6670	4830		ug/Kg		72	50 - 103	13	20
4-Nitroaniline	6670	4660		ug/Kg		70	52 - 103	12	18
Nitrobenzene	6670	5440		ug/Kg		82	44 - 108	4	21
2-Nitrophenol	6670	5620		ug/Kg		84	55 - 107	5	19
4-Nitrophenol	13300	8820		ug/Kg		66	30 - 134	8	18
N-Nitrosodi-n-propylamine	6670	5600		ug/Kg		84	45 - 107	2	18
N-Nitrosodiphenylamine	6670	5030		ug/Kg		76	52 - 100	7	20
2,2'-oxybis[1-chloropropane]	6670	4920		ug/Kg		74	30 - 113	5	17
Pentachlorophenol	13300	9610		ug/Kg		72	42 - 110	4	20
Phenanthrene	6670	4500		ug/Kg		68	53 - 100	9	20
Phenol	6670	5240		ug/Kg		79	49 - 100	2	16

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 180-432207/3-A
Matrix: Solid
Analysis Batch: 432394

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 432207

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene			6670	5040		ug/Kg		76	52 - 100	7	20
1,2,4,5-Tetrachlorobenzene			6670	4760		ug/Kg		71	41 - 104	9	21
2,3,4,6-Tetrachlorophenol			6670	4920		ug/Kg		74	47 - 104	8	18
2,4,5-Trichlorophenol			6670	5040		ug/Kg		76	50 - 104	7	21
2,4,6-Trichlorophenol			6670	5360		ug/Kg		80	50 - 105	9	21

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*64*		*44 - 105*
2-Fluorophenol (Surr)	*74*		*48 - 105*
Nitrobenzene-d5 (Surr)	*78*		*46 - 105*
Phenol-d5 (Surr)	*79*		*46 - 105*
Terphenyl-d14 (Surr)	*74*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*68*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-432079/1-C
Matrix: Solid
Analysis Batch: 432286

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432079

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		04/12/23 11:18	04/14/23 08:08	1
PCB-1221	ND		17	5.9	ug/Kg		04/12/23 11:18	04/14/23 08:08	1
PCB-1232	ND		17	4.1	ug/Kg		04/12/23 11:18	04/14/23 08:08	1
PCB-1242	ND		17	2.4	ug/Kg		04/12/23 11:18	04/14/23 08:08	1
PCB-1248	ND		17	4.0	ug/Kg		04/12/23 11:18	04/14/23 08:08	1
PCB-1254	ND		17	5.0	ug/Kg		04/12/23 11:18	04/14/23 08:08	1
PCB-1260	ND		17	4.7	ug/Kg		04/12/23 11:18	04/14/23 08:08	1
PCB-1262	ND		17	5.9	ug/Kg		04/12/23 11:18	04/14/23 08:08	1
PCB-1268	ND		17	2.2	ug/Kg		04/12/23 11:18	04/14/23 08:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*101*		*63 - 138*	*04/12/23 11:18*	*04/14/23 08:08*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*63 - 138*	*04/12/23 11:18*	*04/14/23 08:08*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*55 - 135*	*04/12/23 11:18*	*04/14/23 08:08*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*55 - 135*	*04/12/23 11:18*	*04/14/23 08:08*	*1*

Lab Sample ID: LCS 180-432079/2-C
Matrix: Solid
Analysis Batch: 432286

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432079

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016			1330	1260		ug/Kg		94	43 - 136
PCB-1260			1330	1260		ug/Kg		94	55 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*92*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*88*		*63 - 138*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 180-432079/2-C
Matrix: Solid
Analysis Batch: 432286

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432079

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*87*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*

Lab Sample ID: LCSD 180-432079/3-C
Matrix: Solid
Analysis Batch: 432286

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 432079

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			1330	1260		ug/Kg		95	43 - 136	0	40
PCB-1260			1330	1240		ug/Kg		93	55 - 128	1	32

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*88*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*91*		*55 - 135*

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-432221/1-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Antimony	ND		1.0	0.30	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Arsenic	ND		1.0	0.63	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Barium	ND		20	3.6	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Beryllium	ND		0.40	0.11	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Cadmium	ND		0.50	0.073	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Calcium	ND		500	65	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Chromium	ND		0.50	0.46	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Cobalt	ND		5.0	0.70	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Copper	ND		2.5	1.5	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Iron	ND		10	9.7	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Lead	ND		1.0	0.87	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Magnesium	ND		500	55	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Manganese	ND		1.5	0.28	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Nickel	ND		4.0	0.50	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Potassium	ND		500	85	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Selenium	ND		1.0	0.46	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Silver	ND		0.50	0.10	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Sodium	ND		500	51	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Thallium	ND		2.0	0.28	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Vanadium	ND		5.0	0.79	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Zinc	2.63		2.0	1.5	mg/Kg		04/13/23 11:08	04/29/23 23:13	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-432221/2-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432221

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	548		mg/Kg		110	80 - 120
Antimony	25.0	26.7		mg/Kg		107	80 - 120
Arsenic	100	115		mg/Kg		115	80 - 120
Barium	100	109		mg/Kg		109	80 - 120
Beryllium	50.0	54.8		mg/Kg		110	80 - 120
Cadmium	50.0	53.9		mg/Kg		108	80 - 120
Calcium	2500	2760		mg/Kg		110	80 - 120
Chromium	50.0	53.6		mg/Kg		107	80 - 120
Cobalt	50.0	53.6		mg/Kg		107	80 - 120
Copper	50.0	54.2		mg/Kg		108	80 - 120
Iron	500	554		mg/Kg		111	80 - 120
Lead	50.0	53.1		mg/Kg		106	80 - 120
Magnesium	2500	2720		mg/Kg		109	80 - 120
Manganese	50.0	53.1		mg/Kg		106	80 - 120
Nickel	50.0	53.2		mg/Kg		106	80 - 120
Potassium	2500	2740		mg/Kg		110	80 - 120
Selenium	100	110		mg/Kg		110	80 - 120
Silver	25.0	26.3		mg/Kg		105	80 - 120
Sodium	2500	2760		mg/Kg		110	80 - 120
Thallium	100	105		mg/Kg		105	80 - 120
Vanadium	50.0	53.7		mg/Kg		107	80 - 120
Zinc	25.0	28.6		mg/Kg		114	80 - 120

Lab Sample ID: 180-154713-3 MS
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: SSHS-IRM5A2-SCV32-0-0.17
Prep Type: Total/NA
Prep Batch: 432221

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8300	F2	286	6580	4	mg/Kg	☼	-611	75 - 125
Barium	100	F1	57.1	204	F1	mg/Kg	☼	177	75 - 125
Beryllium	0.56	F2	28.6	30.3		mg/Kg	☼	104	75 - 125
Calcium	2900	F2 F1	1430	3900	F1	mg/Kg	☼	73	75 - 125
Chromium	55	F2 F1	28.6	48.8	F1	mg/Kg	☼	-23	75 - 125
Magnesium	1800	F2 F1	1430	2180	F1	mg/Kg	☼	25	75 - 125
Manganese	760	F2	28.6	290	4	mg/Kg	☼	-1643	75 - 125
Potassium	470	F2	1430	1840		mg/Kg	☼	95	75 - 125
Selenium	ND	F2	57.1	53.3		mg/Kg	☼	93	75 - 125
Silver	0.12	J F2	14.3	14.8		mg/Kg	☼	103	75 - 125
Sodium	90	J F2	1430	1640		mg/Kg	☼	108	75 - 125
Vanadium	23	F1	28.6	68.4	F1	mg/Kg	☼	161	75 - 125
Zinc	210	F2 B	14.3	115	4	mg/Kg	☼	-647	75 - 125

Lab Sample ID: 180-154713-3 MS
Matrix: Solid
Analysis Batch: 433957

Client Sample ID: SSHS-IRM5A2-SCV32-0-0.17
Prep Type: Total/NA
Prep Batch: 432221

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F2 F1	14.3	2.84	J F1	mg/Kg	☼	20	75 - 125
Arsenic	20	F2 F1	57.1	80.1		mg/Kg	☼	104	75 - 125

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154713-3 MS
Matrix: Solid
Analysis Batch: 433957

Client Sample ID: SSHS-IRM5A2-SCV32-0-0.17
Prep Type: Total/NA
Prep Batch: 432221

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	3.1	J F2 F1	28.6	32.9		mg/Kg	☼	105	75 - 125
Cobalt	11	J F2 F1	28.6	38.7		mg/Kg	☼	98	75 - 125
Copper	250	F2	28.6	189	4	mg/Kg	☼	-214	75 - 125
Iron	170000	F2	286	24000	4	mg/Kg	☼	-5177 4	75 - 125
Lead	95	F2 F1	28.6	78.5	F1	mg/Kg	☼	-58	75 - 125
Nickel	93	F2 F1	28.6	226	F1	mg/Kg	☼	467	75 - 125
Thallium	ND	F2 F1	57.1	55.2		mg/Kg	☼	97	75 - 125

Lab Sample ID: 180-154713-3 MSD
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: SSHS-IRM5A2-SCV32-0-0.17
Prep Type: Total/NA
Prep Batch: 432221

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	8300	F2	476	12900	4 F2	mg/Kg	☼	961	75 - 125	65	20
Barium	100	F1	95.2	243	F1	mg/Kg	☼	147	75 - 125	18	20
Beryllium	0.56	F2	47.6	50.0	F2	mg/Kg	☼	104	75 - 125	49	20
Calcium	2900	F2 F1	2380	7790	F1 F2	mg/Kg	☼	207	75 - 125	66	20
Chromium	55	F2 F1	47.6	72.2	F2 F1	mg/Kg	☼	36	75 - 125	39	20
Magnesium	1800	F2 F1	2380	4350	F2	mg/Kg	☼	106	75 - 125	66	20
Manganese	760	F2	47.6	792	4 F2	mg/Kg	☼	67	75 - 125	93	20
Potassium	470	F2	2380	3320	F2	mg/Kg	☼	119	75 - 125	57	20
Selenium	ND	F2	95.2	99.2	F2	mg/Kg	☼	104	75 - 125	60	20
Silver	0.12	J F2	23.8	25.0	F2	mg/Kg	☼	105	75 - 125	51	20
Sodium	90	J F2	2380	2810	F2	mg/Kg	☼	114	75 - 125	53	20
Vanadium	23	F1	47.6	70.2		mg/Kg	☼	100	75 - 125	3	20
Zinc	210	F2 B	23.8	229	4 F2	mg/Kg	☼	90	75 - 125	66	20

Lab Sample ID: 180-154713-3 MSD
Matrix: Solid
Analysis Batch: 433957

Client Sample ID: SSHS-IRM5A2-SCV32-0-0.17
Prep Type: Total/NA
Prep Batch: 432221

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F2 F1	23.8	0.793	J F2 F1	mg/Kg	☼	3	75 - 125	113	20
Arsenic	20	F2 F1	95.2	12.2	F2 F1	mg/Kg	☼	-9	75 - 125	147	20
Cadmium	3.1	J F2 F1	47.6	5.31	F2 F1	mg/Kg	☼	5	75 - 125	145	20
Cobalt	11	J F2 F1	47.6	6.28	F2 F1	mg/Kg	☼	-10	75 - 125	144	20
Copper	250	F2	47.6	19.1	4 F2	mg/Kg	☼	-486	75 - 125	163	20
Iron	170000	F2	476	5240	4 F2	mg/Kg	☼	-3501 0	75 - 125	128	20
Lead	95	F2 F1	47.6	14.2	F2 F1	mg/Kg	☼	-170	75 - 125	139	20
Nickel	93	F2 F1	47.6	13.0	F2 F1	mg/Kg	☼	-167	75 - 125	178	20
Thallium	ND	F2 F1	95.2	10.0	F2 F1	mg/Kg	☼	11	75 - 125	138	20

Lab Sample ID: MB 180-432225/1-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/13/23 11:18	04/25/23 23:28	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 180-432225/1-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.30	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Arsenic	ND		1.0	0.63	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Barium	ND		20	3.6	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Beryllium	ND		0.40	0.11	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Cadmium	ND		0.50	0.073	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Calcium	ND		500	65	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Chromium	ND		0.50	0.46	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Cobalt	ND		5.0	0.70	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Copper	ND		2.5	1.5	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Iron	ND		10	9.7	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Lead	ND		1.0	0.87	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Magnesium	ND		500	55	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Manganese	ND		1.5	0.28	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Nickel	ND		4.0	0.50	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Potassium	114	J	500	85	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Selenium	ND		1.0	0.46	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Silver	ND		0.50	0.10	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Sodium	ND		500	51	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Thallium	ND		2.0	0.28	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Vanadium	ND		5.0	0.79	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Zinc	10.5		2.0	1.5	mg/Kg		04/13/23 11:18	04/25/23 23:28	1

Lab Sample ID: LCS 180-432225/2-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	449		mg/Kg		90	80 - 120
Antimony	25.0	27.5		mg/Kg		110	80 - 120
Arsenic	100	92.9		mg/Kg		93	80 - 120
Barium	100	91.6		mg/Kg		92	80 - 120
Beryllium	50.0	44.2		mg/Kg		88	80 - 120
Cadmium	50.0	44.2		mg/Kg		88	80 - 120
Calcium	2500	2210		mg/Kg		88	80 - 120
Chromium	50.0	42.6		mg/Kg		85	80 - 120
Cobalt	50.0	44.3		mg/Kg		89	80 - 120
Copper	50.0	42.3		mg/Kg		85	80 - 120
Iron	500	438		mg/Kg		88	80 - 120
Lead	50.0	43.2		mg/Kg		86	80 - 120
Magnesium	2500	2160		mg/Kg		86	80 - 120
Manganese	50.0	41.8		mg/Kg		84	80 - 120
Nickel	50.0	43.9		mg/Kg		88	80 - 120
Potassium	2500	2420		mg/Kg		97	80 - 120
Selenium	100	89.3		mg/Kg		89	80 - 120
Silver	25.0	20.8		mg/Kg		83	80 - 120
Sodium	2500	2370		mg/Kg		95	80 - 120
Thallium	100	84.9		mg/Kg		85	80 - 120
Vanadium	50.0	42.1		mg/Kg		84	80 - 120
Zinc	25.0	24.1		mg/Kg		96	80 - 120

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-433400/1-A
Matrix: Solid
Analysis Batch: 433826

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433400

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Antimony	ND		1.0	0.30	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Arsenic	ND		1.0	0.63	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Barium	ND		20	3.6	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Beryllium	ND		0.40	0.11	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Cadmium	ND		0.50	0.073	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Calcium	ND		500	65	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Chromium	ND		0.50	0.46	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Cobalt	ND		5.0	0.70	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Copper	ND		2.5	1.5	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Iron	14.1		10	9.7	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Lead	ND		1.0	0.87	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Magnesium	ND		500	55	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Manganese	ND		1.5	0.28	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Nickel	ND		4.0	0.50	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Potassium	ND		500	85	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Selenium	ND		1.0	0.46	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Silver	ND		0.50	0.10	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Sodium	ND		500	51	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Thallium	ND		2.0	0.28	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Vanadium	ND		5.0	0.79	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Zinc	2.50		2.0	1.5	mg/Kg		04/26/23 07:51	04/28/23 15:40	1

Lab Sample ID: LCS 180-433400/2-A
Matrix: Solid
Analysis Batch: 433826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433400

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	487		mg/Kg		97	80 - 120
Antimony	25.0	24.7		mg/Kg		99	80 - 120
Arsenic	100	101		mg/Kg		101	80 - 120
Barium	100	95.5		mg/Kg		96	80 - 120
Beryllium	50.0	48.6		mg/Kg		97	80 - 120
Cadmium	50.0	47.7		mg/Kg		95	80 - 120
Calcium	2500	2490		mg/Kg		100	80 - 120
Chromium	50.0	46.8		mg/Kg		94	80 - 120
Cobalt	50.0	46.3		mg/Kg		93	80 - 120
Copper	50.0	46.8		mg/Kg		94	80 - 120
Iron	500	508		mg/Kg		102	80 - 120
Lead	50.0	44.8		mg/Kg		90	80 - 120
Magnesium	2500	2490		mg/Kg		100	80 - 120
Manganese	50.0	47.2		mg/Kg		94	80 - 120
Nickel	50.0	45.8		mg/Kg		92	80 - 120
Potassium	2500	2430		mg/Kg		97	80 - 120
Selenium	100	94.4		mg/Kg		94	80 - 120
Silver	25.0	22.9		mg/Kg		92	80 - 120
Sodium	2500	2490		mg/Kg		100	80 - 120
Thallium	100	88.6		mg/Kg		89	80 - 120
Vanadium	50.0	46.3		mg/Kg		93	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-433400/2-A
Matrix: Solid
Analysis Batch: 433826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433400

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	25.0	26.2		mg/Kg		105	80 - 120

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 180-433465/1-A
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433465

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.033	0.021	mg/Kg		04/27/23 08:30	04/28/23 11:55	1

Lab Sample ID: LCS 180-433465/2-A
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433465

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.417	0.381		mg/Kg		91	80 - 120

Lab Sample ID: 180-154713-1 MS
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: SSHS-IRM5A2-SCV31-0-0.58
Prep Type: Total/NA
Prep Batch: 433465

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.11	F1	0.174	0.258		mg/Kg	☼	86	80 - 120

Lab Sample ID: 180-154713-1 MSD
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: SSHS-IRM5A2-SCV31-0-0.58
Prep Type: Total/NA
Prep Batch: 433465

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.11	F1	0.176	0.248	F1	mg/Kg	☼	79	80 - 120	4	20

Client: Geosyntec Consultants Inc
Job ID: 180-154713-1
Project/Site: Former Sperry Remington-SCV

GC/MS VOA

Analysis Batch: 431744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	EPA 8260C	431765
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	EPA 8260C	431765
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	EPA 8260C	431765
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	EPA 8260C	431765
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	EPA 8260C	431765
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	EPA 8260C	431765
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	EPA 8260C	431765
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	EPA 8260C	431765
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	EPA 8260C	431765
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	EPA 8260C	431765
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	EPA 8260C	431765
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	EPA 8260C	431765
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	EPA 8260C	431765
MB 180-431744/7	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-431744/11	Lab Control Sample	Total/NA	Solid	EPA 8260C	

Prep Batch: 431765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	5035	
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	5035	
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	5035	
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	5035	
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	5035	
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	5035	
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	5035	
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	5035	
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	5035	
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	5035	
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	5035	
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	5035	
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	5035	
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	5035	
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	5035	

Analysis Batch: 431907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	EPA 8260C	431981
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	EPA 8260C	431765
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	EPA 8260C	431981
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	EPA 8260C	431765
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	EPA 8260C	431981
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	EPA 8260C	431981
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	EPA 8260C	431981
MB 180-431907/10	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-431907/4	Lab Control Sample	Total/NA	Solid	EPA 8260C	

Prep Batch: 431981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	5035	
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	5035	
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 431981 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	5035	
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 432207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	3541	
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	3541	
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	3541	
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	3541	
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	3541	
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	3541	
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	3541	
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	3541	
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	3541	
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	3541	
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	3541	
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	3541	
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	3541	
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	3541	
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	3541	
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	3541	
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	3541	
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	3541	
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	3541	
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	3541	
MB 180-432207/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-432207/2-A	Lab Control Sample	Total/NA	Solid	3541	
LCSD 180-432207/3-A	Lab Control Sample Dup	Total/NA	Solid	3541	

Analysis Batch: 432394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	EPA 8270D	432207
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	EPA 8270D	432207
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	EPA 8270D	432207
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	EPA 8270D	432207
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	EPA 8270D	432207
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	EPA 8270D	432207
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	EPA 8270D	432207
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	EPA 8270D	432207
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	EPA 8270D	432207
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	EPA 8270D	432207
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	EPA 8270D	432207
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	EPA 8270D	432207
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	EPA 8270D	432207
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	EPA 8270D	432207
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	EPA 8270D	432207
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	EPA 8270D	432207
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	EPA 8270D	432207
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	EPA 8270D	432207

GC/MS Semi VOA (Continued)

Analysis Batch: 432394 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	EPA 8270D	432207
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	EPA 8270D	432207
MB 180-432207/1-A	Method Blank	Total/NA	Solid	EPA 8270D	432207
LCS 180-432207/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	432207
LCSD 180-432207/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 8270D	432207

GC Semi VOA

Prep Batch: 432079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	3541	
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	3541	
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	3541	
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	3541	
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	3541	
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	3541	
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	3541	
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	3541	
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	3541	
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	3541	
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	3541	
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	3541	
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	3541	
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	3541	
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	3541	
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	3541	
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	3541	
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	3541	
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	3541	
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	3541	
MB 180-432079/1-C	Method Blank	Total/NA	Solid	3541	
LCS 180-432079/2-C	Lab Control Sample	Total/NA	Solid	3541	
LCSD 180-432079/3-C	Lab Control Sample Dup	Total/NA	Solid	3541	

Cleanup Batch: 432122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	3665A	432079
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	3665A	432079
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	3665A	432079
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	3665A	432079
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	3665A	432079
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	3665A	432079
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	3665A	432079
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	3665A	432079
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	3665A	432079
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	3665A	432079
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	3665A	432079
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	3665A	432079
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	3665A	432079
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	3665A	432079
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	3665A	432079

GC Semi VOA (Continued)

Cleanup Batch: 432122 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	3665A	432079
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	3665A	432079
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	3665A	432079
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	3665A	432079
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	3665A	432079
MB 180-432079/1-C	Method Blank	Total/NA	Solid	3665A	432079
LCS 180-432079/2-C	Lab Control Sample	Total/NA	Solid	3665A	432079
LCSD 180-432079/3-C	Lab Control Sample Dup	Total/NA	Solid	3665A	432079

Cleanup Batch: 432124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	3660B	432122
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	3660B	432122
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	3660B	432122
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	3660B	432122
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	3660B	432122
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	3660B	432122
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	3660B	432122
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	3660B	432122
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	3660B	432122
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	3660B	432122
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	3660B	432122
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	3660B	432122
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	3660B	432122
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	3660B	432122
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	3660B	432122
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	3660B	432122
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	3660B	432122
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	3660B	432122
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	3660B	432122
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	3660B	432122
MB 180-432079/1-C	Method Blank	Total/NA	Solid	3660B	432122
LCS 180-432079/2-C	Lab Control Sample	Total/NA	Solid	3660B	432122
LCSD 180-432079/3-C	Lab Control Sample Dup	Total/NA	Solid	3660B	432122

Analysis Batch: 432286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	EPA 8082A	432124
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	EPA 8082A	432124
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	EPA 8082A	432124
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	EPA 8082A	432124
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	EPA 8082A	432124
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	EPA 8082A	432124
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	EPA 8082A	432124
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	EPA 8082A	432124
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	EPA 8082A	432124
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	EPA 8082A	432124
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	EPA 8082A	432124
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	EPA 8082A	432124
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	EPA 8082A	432124
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	EPA 8082A	432124

GC Semi VOA (Continued)

Analysis Batch: 432286 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	EPA 8082A	432124
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	EPA 8082A	432124
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	EPA 8082A	432124
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	EPA 8082A	432124
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	EPA 8082A	432124
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	EPA 8082A	432124
MB 180-432079/1-C	Method Blank	Total/NA	Solid	EPA 8082A	432124
LCS 180-432079/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	432124
LCSD 180-432079/3-C	Lab Control Sample Dup	Total/NA	Solid	EPA 8082A	432124

Metals

Prep Batch: 432221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	3050B	
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	3050B	
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	3050B	
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	3050B	
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	3050B	
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	3050B	
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	3050B	
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	3050B	
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	3050B	
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	3050B	
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	3050B	
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	3050B	
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	3050B	
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	3050B	
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	3050B	
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	3050B	
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	3050B	
MB 180-432221/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-432221/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154713-3 MS	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	3050B	
180-154713-3 MSD	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	3050B	

Prep Batch: 432225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	3050B	
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	3050B	
MB 180-432225/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-432225/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 433389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	EPA 6010C	432225
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	EPA 6010C	432225
MB 180-432225/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432225
LCS 180-432225/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432225

Metals

Prep Batch: 433400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	3050B	
MB 180-433400/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-433400/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 433465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	7471B	
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	7471B	
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	7471B	
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	7471B	
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	7471B	
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	7471B	
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	7471B	
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	7471B	
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	7471B	
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	7471B	
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	7471B	
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	7471B	
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	7471B	
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	7471B	
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	7471B	
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	7471B	
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	7471B	
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	7471B	
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	7471B	
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	7471B	
MB 180-433465/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 180-433465/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-154713-1 MS	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	7471B	
180-154713-1 MSD	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	7471B	

Analysis Batch: 433778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	EPA 7471B	433465
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	EPA 7471B	433465
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	EPA 7471B	433465
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	EPA 7471B	433465
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	EPA 7471B	433465
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	EPA 7471B	433465
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	EPA 7471B	433465
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	EPA 7471B	433465
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	EPA 7471B	433465
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	EPA 7471B	433465
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	EPA 7471B	433465
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	EPA 7471B	433465
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	EPA 7471B	433465
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	EPA 7471B	433465
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	EPA 7471B	433465
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	EPA 7471B	433465
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	EPA 7471B	433465
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	EPA 7471B	433465

Metals (Continued)

Analysis Batch: 433778 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	EPA 7471B	433465
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	EPA 7471B	433465
MB 180-433465/1-A	Method Blank	Total/NA	Solid	EPA 7471B	433465
LCS 180-433465/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	433465
180-154713-1 MS	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	EPA 7471B	433465
180-154713-1 MSD	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	EPA 7471B	433465

Analysis Batch: 433826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	EPA 6010C	433400
MB 180-433400/1-A	Method Blank	Total/NA	Solid	EPA 6010C	433400
LCS 180-433400/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	433400

Analysis Batch: 433862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	EPA 6010C	432221
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	EPA 6010C	432221
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	EPA 6010C	432221
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	EPA 6010C	432221
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	EPA 6010C	432221
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	EPA 6010C	432221
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	EPA 6010C	432221
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	EPA 6010C	432221
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	EPA 6010C	432221
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	EPA 6010C	432221
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	EPA 6010C	432221
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	EPA 6010C	432221
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	EPA 6010C	432221
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	EPA 6010C	432221
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	EPA 6010C	432221
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	EPA 6010C	432221
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	EPA 6010C	432221
MB 180-432221/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432221
LCS 180-432221/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432221
180-154713-3 MS	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	EPA 6010C	432221
180-154713-3 MSD	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	EPA 6010C	432221

Analysis Batch: 433957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	EPA 6010C	432221
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	EPA 6010C	432221
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	EPA 6010C	432221
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	EPA 6010C	432221
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	EPA 6010C	432221
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	EPA 6010C	432221
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	EPA 6010C	432221
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	EPA 6010C	432221
180-154713-3 MS	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	EPA 6010C	432221
180-154713-3 MSD	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	EPA 6010C	432221

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154713-1
Project/Site: Former Sperry Remington-SCV

General Chemistry

Analysis Batch: 431757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-1	SSHS-IRM5A2-SCV31-0-0.58	Total/NA	Solid	2540G	
180-154713-2	SSHS-IRM5A2-SCV31-0.58-1.58	Total/NA	Solid	2540G	
180-154713-3	SSHS-IRM5A2-SCV32-0-0.17	Total/NA	Solid	2540G	
180-154713-4	SSHS-IRM5A2-SCV32-0.17-0.75	Total/NA	Solid	2540G	
180-154713-5	SSHS-IRM5A2-SCV32-0.75-1.75	Total/NA	Solid	2540G	
180-154713-6	SSHS-IRM5A2-SCV33-0-0.17	Total/NA	Solid	2540G	
180-154713-7	SSHS-IRM5A2-SCV33-0.17-0.75	Total/NA	Solid	2540G	
180-154713-8	SSHS-IRM5A2-SCV33-0.75-1.75	Total/NA	Solid	2540G	
180-154713-9	SSHS-IRM5A2-SCV34-0-0.17	Total/NA	Solid	2540G	
180-154713-10	SSHS-IRM5A2-SCV34-0.17-0.75	Total/NA	Solid	2540G	
180-154713-11	SSHS-IRM5A2-SCV-DUP13	Total/NA	Solid	2540G	
180-154713-12	SSHS-IRM5A2-SCV34-0.75-1.75	Total/NA	Solid	2540G	
180-154713-13	SSHS-IRM5A2-SCV35-0-0.17	Total/NA	Solid	2540G	
180-154713-14	SSHS-IRM5A2-SCV35-0.17-0.75	Total/NA	Solid	2540G	
180-154713-15	SSHS-IRM5A2-SCV35-0.75-1.75	Total/NA	Solid	2540G	
180-154713-16	SSHS-IRM5A2-SCV36-0-0.50	Total/NA	Solid	2540G	
180-154713-17	SSHS-IRM5A2-SCV36-0.50-1.50	Total/NA	Solid	2540G	
180-154713-18	SSHS-IRM5A2-SCV37-0-0.17	Total/NA	Solid	2540G	

Analysis Batch: 431838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154713-19	SSHS-IRM5A2-SCV37-0.17-0.83	Total/NA	Solid	2540G	
180-154713-20	SSHS-IRM5A2-SCV37-0.83-1.83	Total/NA	Solid	2540G	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins | Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV31-0-0.58	4/6/23	1300	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV31-0.58-1.58	4/6/23	1305	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV32-0-0.17	4/6/23	1310	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV32-0.17-0.75	4/6/23	1315	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV32-0.75-1.75	4/6/23	1320	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV33-0-0.17	4/6/23	1325	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV33-0.17-0.75	4/6/23	1330	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV33-0.75-1.75	4/6/23	1335	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV34-0-0.17	4/6/23	1340	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV34-0.17-0.75	4/6/23	1345	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP13	4/6/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV34-0.75-1.75	4/6/23	1350	G	S	N	N	X	X	X	X	X	X	8	

180-154713 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company: Geosyntec	Received by:	Date/Time:	Company
Miranda Allen	4/6/23 1700			4/7/23 08:25	ETA PM
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation (COC1

eurofins | Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:
City: Columbia	TAT Requested (days): Standard
State, Zip: MD, 21044	
Phone: 40-381-4333	PO #: MN0832I
Email: akrasnopoler@geosyntec.com	WO #:
Project Name: Former Sperry Remington Site	Project #: 18013464
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV35-0-0.17	4/6/23	1355	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV35-0.17-0.75	4/6/23	1400	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV35-0.75-1.75	4/6/23	1405	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV36-0-0.50	4/6/23	1410	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV36-0.50-1.50	4/6/23	1415	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV37-0-0.17	4/6/23	1420	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV37-0.17-0.83	4/6/23	1425	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV37-0.83-1.83	4/6/23	1430	G	S	N	N	X	X	X	X									6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/6/23/1700	Company: Geosyntec	Received by:	Date/Time: 4-7-23	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

180-154713 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV31-0-0.58	4/6/23	1300	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV31-0.58-1.58	4/6/23	1305	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV32-0-0.17	4/6/23	1310	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV32-0.17-0.75	4/6/23	1315	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV32-0.75-1.75	4/6/23	1320	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV33-0-0.17	4/6/23	1325	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV33-0.17-0.75	4/6/23	1330	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV33-0.75-1.75	4/6/23	1335	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV34-0-0.17	4/6/23	1340	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV34-0.17-0.75	4/6/23	1345	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP13	4/6/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV34-0.75-1.75	4/6/23	1350	G	S	N	N	X	X	X	X	X	X	8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Maude Hahn	Date/Time: 4/6/23/1700	Company: Geosyntec	Received by: Date/Time: 4/7/23 1000 Company: BET Sac
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: (Yes) △ No | Custody Seal No.: 117657 | Cooler Temperature(s) °C and Other Remarks: 1.2

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation (COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV35-0-0.17	4/6/23	1355	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV35-0.17-0.75	4/6/23	1400	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV35-0.75-1.75	4/6/23	1405	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV36-0-0.50	4/6/23	1410	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV36-0.50-1.50	4/6/23	1415	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV37-0-0.17	4/6/23	1420	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV37-0.17-0.83	4/6/23	1425	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV37-0.83-1.83	4/6/23	1430	G	S	N	N	X	X	X	X									6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Maurice Johnson	Date/Time: 4/6/23/1700	Company: Geosyntec	Received by:	Date/Time: 4/7/23 0800	Company: EET SGL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 1117657 | Cooler Temperature(s) °C and Other Remarks: 1.2

Ver: 01/16/2019

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Sacramento Sample Receiving Notes

180-154713 Field Sheet

Job: _____

Tracking # : 7117 4388 6139

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: C10 Corr. Factor: (+ / -) _____ °C

Ice — Wet _____ Gel _____ Other _____

Cooler Custody Seal: 1117657

Cooler ID: _____

Temp Observed: 1.2 °C Corrected: 1.2 °C

From: Temp Blank ☐ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 4/7/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☐	☐	☑
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: [illegible] Date: 4.7.23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☐	☐	☑

Initials: [illegible] Date: 4.7.23

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154713-1

Login Number: 154713
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 5/3/2023 5:56:59 PM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154714-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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5/3/2023 5:56:59 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-154714-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154714-1

Receipt
The samples were received on 4/7/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.2º C, 2.6º C, 3.8º C, 3.9º C, 4.0º C and 5.3º C.

GC/MS VOA
Method 8260C: The recovery of surrogates 1,2-Dichloroethane-d4 and/or Dibromofluoromethane were above the control limits for the following samples: SSHS-IRM5A2-SCV38-0.17-0.75 (180-154714-2), SSHS-IRM5A2-SCV39-0.67-1.67 (180-154714-6), SSHS-IRM5A2-SCV40-0-0.17 (180-154714-7), SSHS-IRM5A2-SCV41-0.17-0.75 (180-154714-11), and SSHS-IRM5A2-SCV-DUP15 (180-154714-15). As the surrogates were high and there were no target analytes detected in the samples, the results were reported.

Method 8260C: The matrix spike duplicate (MSD) of sample SSHS-IRM5A2-SCV38-0.75-1.75 (180-154714-4) had the recovery of Methyl acetate above the control limits. The RPD between the spikes and the recovery of the matrix spike (MS) were within the control limits.

Method 8260C: The RPD between the matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV38-0.75-1.75 (180-154714-4) was above the control limits for the following analyte: Bromomethane. The recoveries were within the control limits.

Method 8260C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV43-0-0.17 (180-154714-16) had the recoveries of Dichlorodifluoromethane and Methyl acetate above the control limits. The RPDs between the spikes were within the control limits.

Method 8260C: The laboratory control sample (LCS) for batch 180-431907 recovered above the control limits for the following analytes: Dichlorodifluoromethane, Methyl acetate, and 2-Butanone. As these analytes were biased high in the LCS and were not detected in the associated samples, the results were reported.

Method 8260C: The laboratory control sample (LCS) for batch 180-432181 recovered above the control limits for the following analyte: Methyl acetate. As this analyte was biased high in the LCS and was not detected in the associated samples, the results were reported.

Method 8260C: The laboratory control sample (LCS) for batch 180-432306 recovered above the control limits for the following analyte: Methyl acetate. As this analyte was biased high in the LCS and was not detected in the associated samples, the results were reported.

Method 8260C: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for batch 180-432477 recovered above the control limits for the following analytes: Dichlorodifluoromethane, Methylene Chloride and/or Methyl acetate. As these analytes were biased high in the LCS/LCSD and were not detected in the associated samples, the results were reported.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-431907 was above criteria for the following analytes: Trichlorofluoromethane, Carbon disulfide, Acetone, Chloroethane, Dichlorodifluoromethane, 1,2-Dichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432181 was above criteria for the following analytes: Dichlorodifluoromethane and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432181 was below criteria for the following analyte: Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432306 was above criteria for the following analytes: Methyl acetate, Carbon disulfide, Dichlorodifluoromethane, and 1,1-Dichloroethene. As indicated in the reference method, sample

Job ID: 180-154714-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432306 was below criteria for the following analytes: 2-Butanone, 2-Hexanone, and Chloromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432477 was above criteria for the following analytes: Dichlorodifluoromethane and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432477 was below criteria for the following analytes: 1,4-Dioxane, Chloromethane, 1,2-Dibromo-3-Chloropropane, 1,1,2-Trichloroethane, 2-Hexanone, and 4-Methyl-2-pentanone. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: The following sample was diluted due to the nature of the sample matrix: SSHS-IRM5A2-SCV-DUP14 (180-154714-3). Elevated reporting limits (RLs) are provided.

Method 8270D: The recovery of surrogates 2-Fluorophenol and Nitrobenzemne-d5 were above the control limits for the method blank (MB 180-432159/1-A). As the method blank did not contain any target analytes and all associated sample surrogate recoveries were within the control limits, the results were reported.

Method 8270D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV38-0.75-1.75 (180-154714-4) had several recoveries above the control limits. The RPDs between the spikes and the recoveries of the laboratory control sample (LCS) were within the control limits.

Method 8270D: The matrix spike duplicate (MSD) of sample SSHS-IRM5A2-SCV43-0-0.17 (180-154714-16) had the recovery of Di-n-octyl phthalate above the control limits. The recoveries of the matrix spike (MS) and laboratory control sample (LCS) were within the control limits.

Method 8270D: The RPDs between the matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV43-0-0.17 (180-154714-16) were above the control limits for several analytes.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432315 was above criteria for the following analytes: Dimethyl phthalate, Di-n-octyl phthalate, 2-Nitroaniline, and 4-Nitrophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8082A: The continuing calibration verification (CCV) analyzed in batch 180-432155 (CCV 180-432155/1) was above criteria for aroclor 1254 for 2 peaks on column RTX-CLP2. Associated positive sample results for aroclor 1254 were reported from column RTX-CLP1 or did not have these peaks included in the quantitation of the results.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010C: The following samples were diluted to bring the concentration of iron within the linear range of the instrument: SSHS-IRM5A2-SCV38-0-0.17 (180-154714-1), SSHS-IRM5A2-SCV-DUP14 (180-154714-3), SSHS-IRM5A2-SCV38-0.75-1.75 (180-154714-4) and its matrix spikes, SSHS-IRM5A2-SCV41-0-0.17 (180-154714-10), SSHS-IRM5A2-SCV41-0.75-1.75 (180-154714-12), SSHS-IRM5A2-SCV42-0-0.50 (180-154714-13), and SSHS-IRM5A2-SCV43-0-0.17 (180-154714-16) and its matrix spikes. Elevated

Job ID: 180-154714-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

reporting limits (RLs) are provided. Arsenic, cadmium, lead, and thallium were also reported from dilution due to inter-element corrections associated with iron.

Method 6010C: Due to sample matrix effect on the internal standard (ISTD), a dilution was required for the following sample: SSHS-IRM5A2-SCV44-0.17-0.75 (180-154714-20). All analytes referencing the yttrium internal standards required dilution due to the yttrium internal standard counts being above the 70%-130% control limits.

Method 6010C: The method blank for preparation batch 180-432221 contained zinc above the reporting limit (RL). As the associated samples contained zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The method blank for preparation batch 180-433398 contained zinc above the reporting limit (RL). As the associated samples contained zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The method blank for preparation batch 180-433400 contained iron and zinc above the reporting limit (RL). As the associated samples contained iron and zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV38-0.75-1.75 (180-154714-4) had several recoveries and RPDs between the spikes outside of the control limits. The recoveries of the laboratory control samples were within the control limits.

Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV43-0-0.17 (180-154714-16) had several recoveries and RPDs between the spikes outside of the control limits. The recoveries of the laboratory control samples were within the control limits.

Note: Post digestion spikes were not done due to limited sample digestate.

Method 7471B: The following samples were diluted to bring the concentration of mercury within the instrument's calibration range: SSHS-IRM5A2-SCV43-0.75-1.75 (180-154714-18) and SSHS-IRM5A2-SCV44-0.17-0.75 (180-154714-20). Elevated reporting limits (RLs) are provided.

Method 7471B: The matrix spike (MS) of sample SSHS-IRM5A2-SCV38-0.75-1.75 (180-154714-4) had the recovery of mercury below the control limits. The RPD between the spikes and the recoveries of the matrix spike duplicate (MSD) and laboratory control sample (LCS) were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154714-1
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	05-03-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids
EPA 8260C	5035	Solid	1,2-Dichloroethene, Total

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Solid	04/06/23 14:35	04/07/23 09:25
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Solid	04/06/23 14:40	04/07/23 09:25
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Solid	04/06/23 00:00	04/07/23 09:25
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Solid	04/06/23 14:45	04/07/23 09:25
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Solid	04/06/23 14:50	04/07/23 09:25
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Solid	04/06/23 14:55	04/07/23 09:25
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Solid	04/06/23 15:00	04/07/23 09:25
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Solid	04/06/23 15:05	04/07/23 09:25
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Solid	04/06/23 15:10	04/07/23 09:25
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Solid	04/06/23 15:15	04/07/23 09:25
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Solid	04/06/23 15:20	04/07/23 09:25
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Solid	04/06/23 15:25	04/07/23 09:25
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Solid	04/06/23 15:30	04/07/23 09:25
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Solid	04/06/23 15:35	04/07/23 09:25
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Solid	04/06/23 00:00	04/07/23 09:25
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Solid	04/06/23 15:40	04/07/23 09:25
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Solid	04/06/23 15:45	04/07/23 09:25
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Solid	04/06/23 15:50	04/07/23 09:25
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Solid	04/06/23 15:55	04/07/23 09:25
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Solid	04/06/23 16:00	04/07/23 09:25

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by GC/MS	SW846	EET PIT
EPA 8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
EPA 6010C	Metals (ICP)	SW846	EET PIT
EPA 7471B	Mercury (CVAA)	SW846	EET PIT
2540G	SM 2540G	SM22	EET PIT
3050B	Preparation, Metals	SW846	EET PIT
3541	Automated Soxhlet Extraction	SW846	EET PIT
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET PIT
7471B	Preparation, Mercury	SW846	EET PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154714-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV38-0-0.17
Lab Sample ID: 180-154714-1
Date Collected: 04/06/23 14:35
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV38-0-0.17
Lab Sample ID: 180-154714-1
Date Collected: 04/06/23 14:35
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0346 g	5 mL	431981	04/11/23 07:07	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 20:39	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 15:09	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.4 g	20.0 mL	432083	04/12/23 11:32	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432120	04/12/23 16:29	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432121	04/12/23 16:30	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432155	04/13/23 19:34	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.77 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 01:28	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.77 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433957	05/01/23 16:40	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.67 g	100 mL	433435	04/27/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 11:12	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV38-0.17-0.75
Lab Sample ID: 180-154714-2
Date Collected: 04/06/23 14:40
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV38-0.17-0.75
Lab Sample ID: 180-154714-2
Date Collected: 04/06/23 14:40
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.6325 g	5 mL	431981	04/11/23 07:07	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 21:25	PJJ	EET PIT
	Instrument ID: CHHP3									

Client Sample ID: SSHS-IRM5A2-SCV38-0.17-0.75
Lab Sample ID: 180-154714-2
Date Collected: 04/06/23 14:40
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.2 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 15:31	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.3 g	20.0 mL	432083	04/12/23 11:32	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432120	04/12/23 16:29	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432121	04/12/23 16:30	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432155	04/13/23 20:30	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.69 g	50 mL	432221	04/13/23 11:15	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 01:34	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.67 g	100 mL	433435	04/27/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 11:13	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP14
Lab Sample ID: 180-154714-3
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP14
Lab Sample ID: 180-154714-3
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 75.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1215 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 12:21	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		4	1 mL	1 mL	432315	04/14/23 15:53	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.3 g	20.0 mL	432083	04/12/23 11:32	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432120	04/12/23 16:29	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432121	04/12/23 16:30	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432155	04/13/23 20:49	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.49 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 15:55	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.49 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433862	04/29/23 19:58	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154714-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP14
Lab Sample ID: 180-154714-3
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 75.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.68 g	100 mL	433435	04/27/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 11:14	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Lab Sample ID: 180-154714-4
Date Collected: 04/06/23 14:45
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Lab Sample ID: 180-154714-4
Date Collected: 04/06/23 14:45
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1215 g	5 mL	432248	04/13/23 07:22	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432181	04/13/23 13:15	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 12:56	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.4 g	20.0 mL	432083	04/12/23 11:32	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432120	04/12/23 16:29	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432121	04/12/23 16:30	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432155	04/13/23 17:42	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.66 g	50 mL	431949	04/11/23 11:57	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 16:13	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.66 g	50 mL	431949	04/11/23 11:57	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433520	04/26/23 15:04	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.58 g	50 mL	433398	04/26/23 07:47	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433660	04/27/23 09:52	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.58 g	50 mL	433398	04/26/23 07:47	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433660	04/27/23 11:38	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	432804	04/21/23 11:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433207	04/24/23 12:28	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV39-0-0.67
Lab Sample ID: 180-154714-5
Date Collected: 04/06/23 14:50
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV39-0-0.67
Lab Sample ID: 180-154714-5
Date Collected: 04/06/23 14:50
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2265 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 12:44	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.3 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 16:16	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.4 g	20.0 mL	432083	04/12/23 11:32	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432120	04/12/23 16:29	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432121	04/12/23 16:30	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432155	04/13/23 21:07	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.64 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 16:00	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	432804	04/21/23 11:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433207	04/24/23 12:37	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV39-0.67-1.67
Lab Sample ID: 180-154714-6
Date Collected: 04/06/23 14:55
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV39-0.67-1.67
Lab Sample ID: 180-154714-6
Date Collected: 04/06/23 14:55
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.4232 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 13:11	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 16:38	VVP	EET PIT
	Instrument ID: CH722									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV39-0.67-1.67

Lab Sample ID: 180-154714-6
Date Collected: 04/06/23 14:55
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.2 g	20.0 mL	432083	04/12/23 11:32	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432120	04/12/23 16:29	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432121	04/12/23 16:30	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432155	04/13/23 21:26	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.62 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 16:05	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	432804	04/21/23 11:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433207	04/24/23 12:40	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV40-0-0.17

Lab Sample ID: 180-154714-7
Date Collected: 04/06/23 15:00
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV40-0-0.17

Lab Sample ID: 180-154714-7
Date Collected: 04/06/23 15:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0756 g	5 mL	431981	04/11/23 07:07	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 18:00	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 17:00	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.0 g	20.0 mL	432083	04/12/23 11:32	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432120	04/12/23 16:29	A1K	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432121	04/12/23 16:30	A1K	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432155	04/13/23 21:45	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.72 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 16:10	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	432804	04/21/23 11:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433207	04/24/23 12:44	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV40-0.17-0.75
Lab Sample ID: 180-154714-8
Date Collected: 04/06/23 15:05
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV40-0.17-0.75
Lab Sample ID: 180-154714-8
Date Collected: 04/06/23 15:05
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3495 g	5 mL	431981	04/11/23 07:07	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 18:46	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 17:22	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.2 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/11/23 23:00	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.50 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 16:26	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	432804	04/21/23 11:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433207	04/24/23 12:45	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV40-0.75-1.75
Lab Sample ID: 180-154714-9
Date Collected: 04/06/23 15:10
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV40-0.75-1.75
Lab Sample ID: 180-154714-9
Date Collected: 04/06/23 15:10
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3346 g	5 mL	431981	04/11/23 07:07	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 19:31	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.5 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 17:45	VVP	EET PIT
	Instrument ID: CH722									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154714-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV40-0.75-1.75
Lab Sample ID: 180-154714-9

Date Collected: 04/06/23 15:10
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.4 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/11/23 23:19	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.64 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 16:31	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.68 g	100 mL	432804	04/21/23 11:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433207	04/24/23 12:46	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV41-0-0.17
Lab Sample ID: 180-154714-10

Date Collected: 04/06/23 15:15
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV41-0-0.17
Lab Sample ID: 180-154714-10

Date Collected: 04/06/23 15:15
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1956 g	5 mL	431981	04/11/23 07:07	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	431907	04/11/23 20:16	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 18:07	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.1 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/11/23 23:38	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.89 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 16:35	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.89 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433862	04/29/23 20:03	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	432804	04/21/23 11:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433207	04/24/23 12:47	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV41-0.17-0.75
Lab Sample ID: 180-154714-11
Date Collected: 04/06/23 15:20
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV41-0.17-0.75
Lab Sample ID: 180-154714-11
Date Collected: 04/06/23 15:20
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1145 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 13:34	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 18:29	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.0 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/11/23 23:56	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.86 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 16:41	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	432804	04/21/23 11:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433207	04/24/23 12:48	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV41-0.75-1.75
Lab Sample ID: 180-154714-12
Date Collected: 04/06/23 15:25
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV41-0.75-1.75
Lab Sample ID: 180-154714-12
Date Collected: 04/06/23 15:25
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1629 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 13:57	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 18:51	VVP	EET PIT
	Instrument ID: CH722									

Client Sample ID: SSHS-IRM5A2-SCV41-0.75-1.75

Lab Sample ID: 180-154714-12
Date Collected: 04/06/23 15:25
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.2 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/12/23 00:15	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.14 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 16:46	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			1.14 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433862	04/29/23 20:08	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.61 g	100 mL	432804	04/21/23 11:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433207	04/24/23 12:49	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV42-0-0.50

Lab Sample ID: 180-154714-13
Date Collected: 04/06/23 15:30
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV42-0-0.50

Lab Sample ID: 180-154714-13
Date Collected: 04/06/23 15:30
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2335 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 14:19	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 19:13	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.3 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/12/23 00:34	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.56 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 16:51	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.56 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		10			433862	04/29/23 20:13	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154714-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV42-0-0.50
Lab Sample ID: 180-154714-13
Date Collected: 04/06/23 15:30
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.61 g	100 mL	432804	04/21/23 11:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433207	04/24/23 12:51	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV42-0.50-1.50
Lab Sample ID: 180-154714-14
Date Collected: 04/06/23 15:35
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV42-0.50-1.50
Lab Sample ID: 180-154714-14
Date Collected: 04/06/23 15:35
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2304 g	5 mL	432377	04/14/23 07:20	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432306	04/14/23 12:44	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 19:35	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.0 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/12/23 00:52	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.90 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 16:56	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	432804	04/21/23 11:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433207	04/24/23 12:52	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP15
Lab Sample ID: 180-154714-15
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP15

Lab Sample ID: 180-154714-15
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2304 g	5 mL	432377	04/14/23 07:20	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432306	04/14/23 13:07	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.3 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 15:37	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.4 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/12/23 01:11	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.88 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 17:01	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.67 g	100 mL	432804	04/21/23 11:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433207	04/24/23 12:53	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17

Lab Sample ID: 180-154714-16
Date Collected: 04/06/23 15:40
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17

Lab Sample ID: 180-154714-16
Date Collected: 04/06/23 15:40
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 97.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1189 g	5 mL	432377	04/14/23 07:20	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432306	04/14/23 12:21	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.5 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 14:03	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.0 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/11/23 22:04	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.72 g	50 mL	431949	04/11/23 11:57	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 16:43	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17

Lab Sample ID: 180-154714-16
Date Collected: 04/06/23 15:40
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 97.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.72 g	50 mL	431949	04/11/23 11:57	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433520	04/26/23 15:34	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.77 g	50 mL	433398	04/26/23 07:47	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433660	04/27/23 10:12	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.64 g	100 mL	433435	04/27/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 11:05	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV43-0.17-0.75

Lab Sample ID: 180-154714-17
Date Collected: 04/06/23 15:45
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV43-0.17-0.75

Lab Sample ID: 180-154714-17
Date Collected: 04/06/23 15:45
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0307 g	5 mL	432377	04/14/23 07:20	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432306	04/14/23 20:34	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 20:20	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.0 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/12/23 01:29	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.58 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 17:06	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433435	04/27/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 11:15	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV43-0.75-1.75
Lab Sample ID: 180-154714-18
Date Collected: 04/06/23 15:50
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431758	04/08/23 15:44	BAB	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV43-0.75-1.75
Lab Sample ID: 180-154714-18
Date Collected: 04/06/23 15:50
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1198 g	5 mL	432377	04/14/23 07:20	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432306	04/14/23 16:33	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 20:42	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.1 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/12/23 01:48	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.98 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 17:21	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.65 g	100 mL	433435	04/27/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		2			433778	04/28/23 13:29	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17
Lab Sample ID: 180-154714-19
Date Collected: 04/06/23 15:55
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431838	04/10/23 13:42	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17
Lab Sample ID: 180-154714-19
Date Collected: 04/06/23 15:55
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0465 g	5 mL	432377	04/14/23 07:20	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432306	04/14/23 16:11	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432315	04/14/23 21:04	VVP	EET PIT
	Instrument ID: CH722									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17

Lab Sample ID: 180-154714-19
Date Collected: 04/06/23 15:55
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/12/23 02:07	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.75 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 17:26	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.69 g	100 mL	433435	04/27/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 11:26	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV44-0.17-0.75

Lab Sample ID: 180-154714-20
Date Collected: 04/06/23 16:00
Matrix: Solid
Date Received: 04/07/23 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431838	04/10/23 13:42	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV44-0.17-0.75

Lab Sample ID: 180-154714-20
Date Collected: 04/06/23 16:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3265 g	5 mL	432377	04/14/23 07:20	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432306	04/14/23 15:48	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432159	04/13/23 05:34	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 15:59	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.0 g	20.0 mL	431859	04/10/23 17:06	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	431878	04/11/23 04:48	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	431879	04/11/23 04:49	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	431887	04/12/23 02:25	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.83 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 17:31	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.83 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433862	04/29/23 20:18	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433435	04/27/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		10			433778	04/28/23 13:31	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: EET PIT

- Batch Type: Cleanup
  - A1K = Aiza Kesodia
  - JMO = John Oravec
- Batch Type: Prep
  - AAS = Arianna Swick
  - JBP = Jack Prothero
  - JSM = Joseph Moore
  - MTW = Michael Wesoloski
  - PJJ = Patrick Journet
  - VJC = Vincent Cervone
- Batch Type: Analysis
  - BAB = Brooke Batyi
  - CMR = Carl Reagle
  - JMO = John Oravec
  - MTW = Michael Wesoloski
  - PJJ = Patrick Journet
  - RJG = Rob Good
  - VVP = Vincent Piccolino

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV38-0-0.17
Date Collected: 04/06/23 14:35
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-1
Matrix: Solid
Percent Solids: 84.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.6	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Bromomethane	ND		5.9	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
2-Butanone (MEK)	ND	*+	5.9	3.0	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Carbon disulfide	ND		5.9	4.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Chlorobromomethane	ND		5.9	3.5	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Chloroethane	ND		5.9	3.4	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,3-Dichlorobenzene	ND		5.9	3.6	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Dichlorobromomethane	ND		5.9	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Dichlorodifluoromethane	ND	*+	5.9	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,1-Dichloroethene	ND		5.9	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
2-Hexanone	ND		5.9	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Isopropylbenzene	ND		5.9	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Methyl acetate	ND	*+	29	8.6	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Methylcyclohexane	ND		5.9	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
trans-1,2-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,2,3-Trichlorobenzene	ND		5.9	3.2	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1

Client Sample ID: SSHS-IRM5A2-SCV38-0-0.17

Date Collected: 04/06/23 14:35
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-1

Matrix: Solid
Percent Solids: 84.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.9	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Vinyl chloride	ND		5.9	4.2	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1
Xylenes, Total	ND		12	8.5	ug/Kg	☼	04/11/23 07:07	04/11/23 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 124*	*04/11/23 07:07*	*04/11/23 20:39*	*1*
Dibromofluoromethane (Surr)	*109*		*69 - 126*	*04/11/23 07:07*	*04/11/23 20:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*73 - 135*	*04/11/23 07:07*	*04/11/23 20:39*	*1*
Toluene-d8 (Surr)	*96*		*67 - 134*	*04/11/23 07:07*	*04/11/23 20:39*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Acenaphthylene	**150**		79	17	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Acetophenone	ND		790	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Anthracene	**84**		79	20	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Atrazine	ND		790	170	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Benzaldehyde	ND		790	49	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Benzo[a]anthracene	**250**		79	36	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Benzo[a]pyrene	**240**		79	34	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Benzo[b]fluoranthene	**320**		79	19	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Benzo[g,h,i]perylene	**170**		79	17	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Benzo[k]fluoranthene	**150**		79	24	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Bis(2-chloroethyl)ether	ND		79	14	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Carbazole	**21**	**J**	79	18	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Chrysene	**270**		79	44	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Dibenz(a,h)anthracene	**57**	**J**	79	50	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Dibenzofuran	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Dimethyl phthalate	ND		390	160	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Di-n-butyl phthalate	**210**	**J**	390	170	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1

Client Sample ID: SSHS-IRM5A2-SCV38-0-0.17
Date Collected: 04/06/23 14:35
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-1
Matrix: Solid
Percent Solids: 84.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
1,4-Dioxane	ND		790	120	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Fluoranthene	**260**		79	21	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Fluorene	ND		79	15	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Hexachlorocyclopentadiene	ND		390	40	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Indeno[1,2,3-cd]pyrene	**140**		79	39	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Isophorone	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2-Methylnaphthalene	**41**	**J**	79	19	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Naphthalene	**41**	**J**	79	15	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Nitrobenzene	ND		790	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Phenanthrene	**62**	**J**	79	21	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Phenol	ND		390	120	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
Pyrene	**410**		79	19	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*04/13/23 05:34*	*04/14/23 15:09*	*1*
2-Fluorophenol (Surr)	*80*		*48 - 105*	*04/13/23 05:34*	*04/14/23 15:09*	*1*
Nitrobenzene-d5 (Surr)	*83*		*46 - 105*	*04/13/23 05:34*	*04/14/23 15:09*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*04/13/23 05:34*	*04/14/23 15:09*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 105*	*04/13/23 05:34*	*04/14/23 15:09*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*34 - 108*	*04/13/23 05:34*	*04/14/23 15:09*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	04/12/23 11:32	04/13/23 19:34	1
PCB-1221	ND		19	6.8	ug/Kg	☼	04/12/23 11:32	04/13/23 19:34	1
PCB-1232	ND		19	4.7	ug/Kg	☼	04/12/23 11:32	04/13/23 19:34	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/12/23 11:32	04/13/23 19:34	1
PCB-1248	ND		19	4.6	ug/Kg	☼	04/12/23 11:32	04/13/23 19:34	1
PCB-1254	**98**		19	5.8	ug/Kg	☼	04/12/23 11:32	04/13/23 19:34	1
PCB-1260	**27**		19	5.5	ug/Kg	☼	04/12/23 11:32	04/13/23 19:34	1

Client Sample ID: SSHS-IRM5A2-SCV38-0-0.17

Lab Sample ID: 180-154714-1
Date Collected: 04/06/23 14:35
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 84.6

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		19	6.7	ug/Kg	☼	04/12/23 11:32	04/13/23 19:34	1
PCB-1268	ND		19	2.6	ug/Kg	☼	04/12/23 11:32	04/13/23 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/12/23 11:32*	*04/13/23 19:34*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*63 - 138*	*04/12/23 11:32*	*04/13/23 19:34*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*	*04/12/23 11:32*	*04/13/23 19:34*	*1*
Tetrachloro-m-xylene (Surr)	*105*		*55 - 135*	*04/12/23 11:32*	*04/13/23 19:34*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		15	3.8	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Antimony	**0.45**	**J**	0.77	0.23	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Arsenic	**15**		3.8	2.4	mg/Kg	☼	04/13/23 11:15	05/01/23 16:40	5
Barium	**120**		15	2.7	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Beryllium	**0.63**		0.31	0.084	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Cadmium	**1.9**		1.9	0.28	mg/Kg	☼	04/13/23 11:15	05/01/23 16:40	5
Calcium	**2700**		380	50	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Chromium	**27**		0.38	0.35	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Cobalt	**13**		3.8	0.54	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Copper	**110**		1.9	1.2	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Iron	**62000**		38	37	mg/Kg	☼	04/13/23 11:15	05/01/23 16:40	5
Lead	**72**		3.8	3.3	mg/Kg	☼	04/13/23 11:15	05/01/23 16:40	5
Magnesium	**2900**		380	42	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Manganese	**650**		1.2	0.21	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Nickel	**65**		3.1	0.39	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Potassium	**1300**		380	65	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Selenium	ND		0.77	0.35	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Silver	ND		0.38	0.080	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Sodium	ND		380	39	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Thallium	ND		7.7	1.1	mg/Kg	☼	04/13/23 11:15	05/01/23 16:40	5
Vanadium	**18**		3.8	0.61	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1
Zinc	**210**	**B**	1.5	1.1	mg/Kg	☼	04/13/23 11:15	04/30/23 01:28	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.079**		0.035	0.022	mg/Kg	☼	04/27/23 08:15	04/28/23 11:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**15.4**		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	**84.6**		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV38-0.17-0.75

Lab Sample ID: 180-154714-2
Date Collected: 04/06/23 14:40
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.1	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Benzene	ND		5.3	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1

Client Sample ID: SSHS-IRM5A2-SCV38-0.17-0.75
Date Collected: 04/06/23 14:40
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-2
Matrix: Solid
Percent Solids: 83.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.3	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Bromomethane	ND		5.3	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
2-Butanone (MEK)	ND	*+	5.3	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Carbon disulfide	ND		5.3	4.2	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Carbon tetrachloride	ND		5.3	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Chlorobenzene	ND		5.3	1.4	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Chlorobromomethane	ND		5.3	3.2	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Chlorodibromomethane	ND		5.3	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Chloroethane	ND		5.3	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Chloroform	ND		5.3	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Chloromethane	ND		5.3	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
cis-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Cyclohexane	ND		5.3	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,2-Dibromo-3-Chloropropane	ND		5.3	3.4	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,2-Dibromoethane	ND		5.3	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,2-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,3-Dichlorobenzene	ND		5.3	3.3	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,4-Dichlorobenzene	ND		5.3	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Dichlorobromomethane	ND		5.3	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Dichlorodifluoromethane	ND	*+	5.3	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,1-Dichloroethane	ND		5.3	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,2-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,1-Dichloroethene	ND		5.3	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,2-Dichloroethene, Total	ND		11	4.3	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,2-Dichloropropane	ND		5.3	1.4	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Ethylbenzene	ND		5.3	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
2-Hexanone	ND		5.3	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Isopropylbenzene	ND		5.3	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Methyl acetate	ND	*+	27	7.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Methylcyclohexane	ND		5.3	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Methylene Chloride	ND		5.3	4.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Methyl tert-butyl ether	ND		5.3	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
m-Xylene & p-Xylene	ND		5.3	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
o-Xylene	ND		5.3	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Styrene	ND		5.3	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Tetrachloroethene	ND		5.3	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Toluene	ND		5.3	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
trans-1,2-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
trans-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,2,3-Trichlorobenzene	ND		5.3	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,1,1-Trichloroethane	ND		5.3	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
1,1,2-Trichloroethane	ND		5.3	1.0	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Trichloroethene	ND		5.3	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Trichlorofluoromethane	ND		5.3	4.4	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1

Client Sample ID: SSHS-IRM5A2-SCV38-0.17-0.75

Date Collected: 04/06/23 14:40
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-2

Matrix: Solid
Percent Solids: 83.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Vinyl chloride	ND		5.3	3.8	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1
Xylenes, Total	ND		11	7.6	ug/Kg	☼	04/11/23 07:07	04/11/23 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*	*04/11/23 07:07*	*04/11/23 21:25*	*1*
Dibromofluoromethane (Surr)	*122*		*69 - 126*	*04/11/23 07:07*	*04/11/23 21:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*137*	*S1+*	*73 - 135*	*04/11/23 07:07*	*04/11/23 21:25*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/11/23 07:07*	*04/11/23 21:25*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**180**		79	23	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Acenaphthylene	**1000**		79	17	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Acetophenone	ND		790	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Anthracene	**990**		79	20	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Atrazine	ND		790	170	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Benzaldehyde	ND		790	49	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Benzo[a]anthracene	**1400**		79	35	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Benzo[a]pyrene	**1400**		79	34	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Benzo[b]fluoranthene	**1900**		79	19	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Benzo[g,h,i]perylene	**1100**		79	17	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Benzo[k]fluoranthene	**730**		79	24	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Bis(2-chloroethyl)ether	ND		79	14	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Carbazole	**300**		79	18	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Chrysene	**1600**		79	44	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Dibenz(a,h)anthracene	**290**		79	50	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Dibenzofuran	**220**	**J**	390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Dimethyl phthalate	ND		390	160	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Di-n-butyl phthalate	**170**	**J**	390	170	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV38-0.17-0.75
Date Collected: 04/06/23 14:40
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-2
Matrix: Solid
Percent Solids: 83.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		790	120	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Fluoranthene	**2600**		79	21	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Fluorene	**310**		79	15	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Hexachlorocyclopentadiene	ND		390	40	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Indeno[1,2,3-cd]pyrene	**930**		79	39	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Isophorone	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2-Methylnaphthalene	**310**		79	19	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Naphthalene	**350**		79	15	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Nitrobenzene	ND		790	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Phenanthrene	**2300**		79	21	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Phenol	ND		390	120	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
Pyrene	**2900**		79	19	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*04/13/23 05:34*	*04/14/23 15:31*	*1*
2-Fluorophenol (Surr)	*79*		*48 - 105*	*04/13/23 05:34*	*04/14/23 15:31*	*1*
Nitrobenzene-d5 (Surr)	*87*		*46 - 105*	*04/13/23 05:34*	*04/14/23 15:31*	*1*
Phenol-d5 (Surr)	*68*		*46 - 105*	*04/13/23 05:34*	*04/14/23 15:31*	*1*
Terphenyl-d14 (Surr)	*85*		*39 - 105*	*04/13/23 05:34*	*04/14/23 15:31*	*1*
2,4,6-Tribromophenol (Surr)	*91*		*34 - 108*	*04/13/23 05:34*	*04/14/23 15:31*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.3	ug/Kg	☼	04/12/23 11:32	04/13/23 20:30	1
PCB-1221	ND		20	6.9	ug/Kg	☼	04/12/23 11:32	04/13/23 20:30	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/12/23 11:32	04/13/23 20:30	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/12/23 11:32	04/13/23 20:30	1
PCB-1248	ND		20	4.7	ug/Kg	☼	04/12/23 11:32	04/13/23 20:30	1
PCB-1254	**41**		20	5.9	ug/Kg	☼	04/12/23 11:32	04/13/23 20:30	1
PCB-1260	**32**		20	5.6	ug/Kg	☼	04/12/23 11:32	04/13/23 20:30	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/12/23 11:32	04/13/23 20:30	1
PCB-1268	ND		20	2.6	ug/Kg	☼	04/12/23 11:32	04/13/23 20:30	1

Client Sample ID: SSHS-IRM5A2-SCV38-0.17-0.75

Lab Sample ID: 180-154714-2

Date Collected: 04/06/23 14:40
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*89*		*63 - 138*	*04/12/23 11:32*	*04/13/23 20:30*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*63 - 138*	*04/12/23 11:32*	*04/13/23 20:30*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*04/12/23 11:32*	*04/13/23 20:30*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*04/12/23 11:32*	*04/13/23 20:30*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9200**		17	4.3	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Antimony	**0.41**	**J**	0.87	0.26	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Arsenic	**18**		0.87	0.54	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Barium	**170**		17	3.1	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Beryllium	**0.71**		0.35	0.094	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Cadmium	**1.3**		0.43	0.064	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Calcium	**7400**		430	56	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Chromium	**18**		0.43	0.39	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Cobalt	**11**		4.3	0.61	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Copper	**110**		2.2	1.3	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Iron	**29000**		8.7	8.4	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Lead	**190**		0.87	0.75	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Magnesium	**2000**		430	48	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Manganese	**570**		1.3	0.24	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Nickel	**63**		3.5	0.44	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Potassium	**690**		430	74	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Selenium	**1.0**		0.87	0.40	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Silver	ND		0.43	0.090	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Sodium	**130**	**J**	430	44	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Thallium	**0.69**	**J**	1.7	0.25	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Vanadium	**20**		4.3	0.68	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1
Zinc	**370**	**B**	1.7	1.3	mg/Kg	☼	04/13/23 11:15	04/30/23 01:34	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.035	0.023	mg/Kg	☼	04/27/23 08:15	04/28/23 11:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**16.3**		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	**83.7**		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP14

Lab Sample ID: 180-154714-3

Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 75.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		26	5.0	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Benzene	ND		6.5	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Bromoform	ND		6.5	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Bromomethane	ND		6.5	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
2-Butanone (MEK)	ND		6.5	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Carbon disulfide	ND		6.5	5.2	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV-DUP14
Date Collected: 04/06/23 00:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-3
Matrix: Solid
Percent Solids: 75.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		6.5	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Chlorobenzene	ND		6.5	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Chlorobromomethane	ND		6.5	3.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Chlorodibromomethane	ND		6.5	3.2	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Chloroethane	ND		6.5	3.8	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Chloroform	ND		6.5	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Chloromethane	ND		6.5	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
cis-1,2-Dichloroethene	ND		6.5	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
cis-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Cyclohexane	ND		6.5	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,2-Dibromo-3-Chloropropane	ND		6.5	4.2	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,2-Dibromoethane	ND		6.5	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,2-Dichlorobenzene	ND		6.5	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,3-Dichlorobenzene	ND		6.5	4.0	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,4-Dichlorobenzene	ND		6.5	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Dichlorobromomethane	ND		6.5	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Dichlorodifluoromethane	ND	*+	6.5	3.2	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,1-Dichloroethane	ND		6.5	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,2-Dichloroethane	ND		6.5	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,1-Dichloroethene	ND		6.5	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,2-Dichloroethene, Total	ND		13	5.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,2-Dichloropropane	ND		6.5	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,4-Dioxane	ND		1300	46	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Ethylbenzene	ND		6.5	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
2-Hexanone	ND		6.5	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Isopropylbenzene	ND		6.5	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Methyl acetate	ND	*+	32	9.5	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Methylcyclohexane	ND		6.5	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Methylene Chloride	ND	*+	6.5	5.8	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
4-Methyl-2-pentanone (MIBK)	ND		6.5	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Methyl tert-butyl ether	ND		6.5	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
m-Xylene & p-Xylene	ND		6.5	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
o-Xylene	ND		6.5	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Styrene	ND		6.5	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,1,2,2-Tetrachloroethane	ND		6.5	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Tetrachloroethene	ND		6.5	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Toluene	ND		6.5	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
trans-1,2-Dichloroethene	ND		6.5	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
trans-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,2,3-Trichlorobenzene	ND		6.5	3.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,2,4-Trichlorobenzene	ND		6.5	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,1,1-Trichloroethane	ND		6.5	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,1,2-Trichloroethane	ND		6.5	1.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Trichloroethene	ND		6.5	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Trichlorofluoromethane	ND		6.5	5.4	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.5	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Vinyl chloride	ND		6.5	4.7	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1
Xylenes, Total	ND		13	9.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:21	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP14

Date Collected: 04/06/23 00:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-3

Matrix: Solid
Percent Solids: 75.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*	*04/17/23 07:00*	*04/17/23 12:21*	*1*
Dibromofluoromethane (Surr)	*116*		*69 - 126*	*04/17/23 07:00*	*04/17/23 12:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*132*		*73 - 135*	*04/17/23 07:00*	*04/17/23 12:21*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/17/23 07:00*	*04/17/23 12:21*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**160**	**J**	350	100	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Acenaphthylene	**2900**		350	76	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Acetophenone	ND		3500	620	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Anthracene	**1400**		350	91	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Atrazine	ND		3500	760	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Benzaldehyde	ND		3500	220	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Benzo[a]anthracene	**1600**		350	160	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Benzo[a]pyrene	**2200**		350	150	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Benzo[b]fluoranthene	**3100**		350	86	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Benzo[g,h,i]perylene	**2200**		350	75	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Benzo[k]fluoranthene	**1100**		350	100	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
1,1'-Biphenyl	ND		1700	640	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Bis(2-chloroethoxy)methane	ND		1700	640	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Bis(2-chloroethyl)ether	ND		350	63	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Bis(2-ethylhexyl) phthalate	ND		17000	1900	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
4-Bromophenyl phenyl ether	ND		1700	740	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Butyl benzyl phthalate	ND		1700	1200	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Caprolactam	ND		8900	1100	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Carbazole	**300**	**J**	350	82	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
4-Chloroaniline	ND		1700	460	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
4-Chloro-3-methylphenol	ND		1700	610	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2-Chloronaphthalene	ND		350	80	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2-Chlorophenol	ND		1700	640	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
4-Chlorophenyl phenyl ether	ND		1700	580	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Chrysene	**2100**		350	190	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Dibenz(a,h)anthracene	**500**		350	220	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Dibenzofuran	ND		1700	640	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
3,3'-Dichlorobenzidine	ND		1700	1600	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2,4-Dichlorophenol	ND		350	130	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Diethyl phthalate	ND		1700	610	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2,4-Dimethylphenol	ND		1700	590	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Dimethyl phthalate	ND		1700	690	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Di-n-butyl phthalate	ND		1700	760	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
4,6-Dinitro-2-methylphenol	ND		8900	3000	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2,4-Dinitrophenol	ND		17000	11000	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2,4-Dinitrotoluene	ND		1700	1000	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2,6-Dinitrotoluene	ND		1700	680	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Di-n-octyl phthalate	ND		1700	1000	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
1,4-Dioxane	ND		3500	540	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Fluoranthene	**2400**		350	92	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Fluorene	**290**	**J**	350	69	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Hexachlorobenzene	ND		350	130	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Hexachlorobutadiene	ND		350	100	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4

Client Sample ID: SSHS-IRM5A2-SCV-DUP14
Date Collected: 04/06/23 00:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-3
Matrix: Solid
Percent Solids: 75.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		1700	180	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Hexachloroethane	ND		1700	620	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Indeno[1,2,3-cd]pyrene	**1700**		350	170	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Isophorone	ND		1700	650	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2-Methylnaphthalene	**560**		350	84	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2-Methylphenol	ND		1700	500	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Methylphenol, 3 & 4	ND		1700	510	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Naphthalene	**550**		350	68	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2-Nitroaniline	ND		8900	800	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
3-Nitroaniline	ND		8900	440	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
4-Nitroaniline	ND		8900	650	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Nitrobenzene	ND		3500	640	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2-Nitrophenol	ND		1700	640	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
4-Nitrophenol	ND		8900	1200	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
N-Nitrosodi-n-propylamine	ND		350	120	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
N-Nitrosodiphenylamine	ND		1700	580	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2,2'-oxybis[1-chloropropane]	ND		350	130	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Pentachlorophenol	ND		8900	2800	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Phenanthrene	**990**		350	94	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Phenol	ND		1700	530	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
Pyrene	**3500**		350	83	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
1,2,4,5-Tetrachlorobenzene	ND		1700	690	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2,3,4,6-Tetrachlorophenol	ND		1700	730	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2,4,5-Trichlorophenol	ND		1700	610	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4
2,4,6-Trichlorophenol	ND		1700	580	ug/Kg	☼	04/13/23 05:34	04/14/23 15:53	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*44 - 105*	*04/13/23 05:34*	*04/14/23 15:53*	*4*
2-Fluorophenol (Surr)	*72*		*48 - 105*	*04/13/23 05:34*	*04/14/23 15:53*	*4*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*04/13/23 05:34*	*04/14/23 15:53*	*4*
Phenol-d5 (Surr)	*57*		*46 - 105*	*04/13/23 05:34*	*04/14/23 15:53*	*4*
Terphenyl-d14 (Surr)	*59*		*39 - 105*	*04/13/23 05:34*	*04/14/23 15:53*	*4*
2,4,6-Tribromophenol (Surr)	*60*		*34 - 108*	*04/13/23 05:34*	*04/14/23 15:53*	*4*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.0	ug/Kg	☼	04/12/23 11:32	04/13/23 20:49	1
PCB-1221	ND		22	7.7	ug/Kg	☼	04/12/23 11:32	04/13/23 20:49	1
PCB-1232	ND		22	5.3	ug/Kg	☼	04/12/23 11:32	04/13/23 20:49	1
PCB-1242	ND		22	3.2	ug/Kg	☼	04/12/23 11:32	04/13/23 20:49	1
PCB-1248	ND		22	5.2	ug/Kg	☼	04/12/23 11:32	04/13/23 20:49	1
PCB-1254	**98**		22	6.5	ug/Kg	☼	04/12/23 11:32	04/13/23 20:49	1
PCB-1260	**75**		22	6.2	ug/Kg	☼	04/12/23 11:32	04/13/23 20:49	1
PCB-1262	ND		22	7.6	ug/Kg	☼	04/12/23 11:32	04/13/23 20:49	1
PCB-1268	ND		22	2.9	ug/Kg	☼	04/12/23 11:32	04/13/23 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*96*		*63 - 138*	*04/12/23 11:32*	*04/13/23 20:49*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*63 - 138*	*04/12/23 11:32*	*04/13/23 20:49*	*1*
Tetrachloro-m-xylene (Surr)	*104*		*55 - 135*	*04/12/23 11:32*	*04/13/23 20:49*	*1*

Client Sample ID: SSHS-IRM5A2-SCV-DUP14

Lab Sample ID: 180-154714-3
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 75.5

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	106		55 - 135	04/12/23 11:32	04/13/23 20:49	1

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7300		27	6.7	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Antimony	1.2	J	1.4	0.41	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Arsenic	15		6.8	4.2	mg/Kg	☼	04/26/23 07:51	04/29/23 19:58	5
Barium	110		27	4.8	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Beryllium	0.56		0.54	0.15	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Cadmium	ND		3.4	0.50	mg/Kg	☼	04/26/23 07:51	04/29/23 19:58	5
Calcium	2600		680	87	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Chromium	26		0.68	0.62	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Cobalt	9.9		6.8	0.95	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Copper	950		3.4	2.0	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Iron	81000	B	68	66	mg/Kg	☼	04/26/23 07:51	04/29/23 19:58	5
Lead	150		6.8	5.9	mg/Kg	☼	04/26/23 07:51	04/29/23 19:58	5
Magnesium	1500		680	74	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Manganese	850		2.0	0.38	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Nickel	74		5.4	0.68	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Potassium	600	J	680	120	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Selenium	0.81	J	1.4	0.62	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Silver	ND		0.68	0.14	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Sodium	ND		680	69	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Thallium	ND		14	1.9	mg/Kg	☼	04/26/23 07:51	04/29/23 19:58	5
Vanadium	24		6.8	1.1	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1
Zinc	250	B	2.7	2.0	mg/Kg	☼	04/26/23 07:51	04/28/23 15:55	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.46		0.039	0.025	mg/Kg	☼	04/27/23 08:15	04/28/23 11:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	24.5		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	75.5		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75

Lab Sample ID: 180-154714-4
Date Collected: 04/06/23 14:45
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.6	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Bromomethane	ND	F2	5.9	2.7	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
2-Butanone (MEK)	ND		5.9	3.0	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Carbon disulfide	ND		5.9	4.7	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Date Collected: 04/06/23 14:45
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-4
Matrix: Solid
Percent Solids: 83.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		5.9	3.5	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Chloroethane	ND		5.9	3.4	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,3-Dichlorobenzene	ND		5.9	3.6	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Dichlorobromomethane	ND		5.9	2.7	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Dichlorodifluoromethane	ND		5.9	2.9	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,1-Dichloroethene	ND		5.9	2.7	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
2-Hexanone	ND		5.9	1.8	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Isopropylbenzene	ND		5.9	3.1	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Methyl acetate	ND	F1 *+	29	8.6	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Methylcyclohexane	ND		5.9	2.8	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.1	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
trans-1,2-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,2,3-Trichlorobenzene	ND		5.9	3.2	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Trichloroethene	ND		5.9	1.8	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	2.3	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Vinyl chloride	ND		5.9	4.2	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1
Xylenes, Total	ND		12	8.5	ug/Kg	☼	04/13/23 07:22	04/13/23 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 124*	*04/13/23 07:22*	*04/13/23 13:15*	*1*
Dibromofluoromethane (Surr)	*105*		*69 - 126*	*04/13/23 07:22*	*04/13/23 13:15*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Date Collected: 04/06/23 14:45
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-4
Matrix: Solid
Percent Solids: 83.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*111*		*73 - 135*	*04/13/23 07:22*	*04/13/23 13:15*	*1*
Toluene-d8 (Surr)	*96*		*67 - 134*	*04/13/23 07:22*	*04/13/23 13:15*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		80	23	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Acenaphthylene	**310**		80	17	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Acetophenone	ND		800	140	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Anthracene	**140**		80	21	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Atrazine	ND		800	170	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Benzaldehyde	ND		800	49	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Benzo[a]anthracene	**240**	**F1**	80	36	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Benzo[a]pyrene	**300**	**F1**	80	34	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Benzo[b]fluoranthene	**480**	**F1**	80	19	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Benzo[g,h,i]perylene	**320**		80	17	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Benzo[k]fluoranthene	**140**		80	24	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Bis(2-chloroethyl)ether	ND		80	14	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Bis(2-ethylhexyl) phthalate	ND	F1	3900	420	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Butyl benzyl phthalate	ND	F1	390	270	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Carbazole	**35**	**J**	80	19	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2-Chloronaphthalene	ND		80	18	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Chrysene	**320**		80	44	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Dibenz(a,h)anthracene	**73**	**J**	80	51	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Dibenzofuran	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2,4-Dichlorophenol	ND		80	31	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Dimethyl phthalate	ND		390	160	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Di-n-butyl phthalate	ND		390	170	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2,4-Dinitrophenol	ND		3900	2500	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Di-n-octyl phthalate	ND	F1	390	230	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
1,4-Dioxane	ND		800	120	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Fluoranthene	**350**		80	21	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Fluorene	**29**	**J**	80	16	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Hexachlorobenzene	ND		80	28	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Hexachlorobutadiene	ND		80	23	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Hexachlorocyclopentadiene	ND		390	40	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Date Collected: 04/06/23 14:45
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-4
Matrix: Solid
Percent Solids: 83.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Indeno[1,2,3-cd]pyrene	**250**	**F1**	80	39	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Isophorone	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2-Methylnaphthalene	**80**		80	19	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Naphthalene	**85**		80	15	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2-Nitroaniline	ND	F1	2000	180	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Nitrobenzene	ND		800	140	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
4-Nitrophenol	ND	F1	2000	280	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
N-Nitrosodi-n-propylamine	ND		80	27	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2,2'-oxybis[1-chloropropane]	ND		80	29	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Phenanthrene	**140**		80	21	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Phenol	ND		390	120	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
Pyrene	**530**	**F1**	80	19	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2,3,4,6-Tetrachlorophenol	ND		390	170	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*44 - 105*	*04/13/23 05:34*	*04/14/23 12:56*	*1*
2-Fluorophenol (Surr)	*91*		*48 - 105*	*04/13/23 05:34*	*04/14/23 12:56*	*1*
Nitrobenzene-d5 (Surr)	*97*		*46 - 105*	*04/13/23 05:34*	*04/14/23 12:56*	*1*
Phenol-d5 (Surr)	*74*		*46 - 105*	*04/13/23 05:34*	*04/14/23 12:56*	*1*
Terphenyl-d14 (Surr)	*91*		*39 - 105*	*04/13/23 05:34*	*04/14/23 12:56*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*34 - 108*	*04/13/23 05:34*	*04/14/23 12:56*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/12/23 11:32	04/13/23 17:42	1
PCB-1221	ND		20	6.9	ug/Kg	☼	04/12/23 11:32	04/13/23 17:42	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/12/23 11:32	04/13/23 17:42	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/12/23 11:32	04/13/23 17:42	1
PCB-1248	ND		20	4.7	ug/Kg	☼	04/12/23 11:32	04/13/23 17:42	1
PCB-1254	**120**		20	5.9	ug/Kg	☼	04/12/23 11:32	04/13/23 17:42	1
PCB-1260	**64**		20	5.6	ug/Kg	☼	04/12/23 11:32	04/13/23 17:42	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/12/23 11:32	04/13/23 17:42	1
PCB-1268	ND		20	2.6	ug/Kg	☼	04/12/23 11:32	04/13/23 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*109*		*63 - 138*	*04/12/23 11:32*	*04/13/23 17:42*	*1*
DCB Decachlorobiphenyl (Surr)	*113*		*63 - 138*	*04/12/23 11:32*	*04/13/23 17:42*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*55 - 135*	*04/12/23 11:32*	*04/13/23 17:42*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*	*04/12/23 11:32*	*04/13/23 17:42*	*1*

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75

Lab Sample ID: 180-154714-4
Date Collected: 04/06/23 14:45
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 83.1

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000	F2	18	4.5	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Antimony	1.1	F2 F1	1.0	0.31	mg/Kg	☼	04/26/23 07:47	04/27/23 09:52	1
Arsenic	13	F2	5.2	3.3	mg/Kg	☼	04/26/23 07:47	04/27/23 11:38	5
Barium	140	F1	18	3.2	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Beryllium	0.74		0.36	0.099	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Cadmium	0.88	J	2.3	0.33	mg/Kg	☼	04/11/23 11:57	04/26/23 15:04	5
Calcium	5900	F1	460	59	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Chromium	22		0.46	0.41	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Cobalt	10		4.6	0.64	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Copper	120	F1	2.3	1.4	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Iron	37000	F2	46	44	mg/Kg	☼	04/11/23 11:57	04/26/23 15:04	5
Lead	91	F2 F1	4.6	4.0	mg/Kg	☼	04/11/23 11:57	04/26/23 15:04	5
Magnesium	1900	F1	460	50	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Manganese	440	F2	1.4	0.25	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Nickel	91	F1	3.6	0.46	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Potassium	880	F2	520	88	mg/Kg	☼	04/26/23 07:47	04/27/23 09:52	1
Selenium	0.72	J	0.91	0.42	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Silver	0.45	J	0.46	0.095	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Sodium	240	J	460	47	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Thallium	1.8	J	9.1	1.3	mg/Kg	☼	04/11/23 11:57	04/26/23 15:04	5
Vanadium	20		4.6	0.72	mg/Kg	☼	04/11/23 11:57	04/25/23 16:13	1
Zinc	220	F2 B	2.1	1.5	mg/Kg	☼	04/26/23 07:47	04/27/23 09:52	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18	F1	0.040	0.026	mg/Kg	☼	04/21/23 11:30	04/24/23 12:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	16.9		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	83.1		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV39-0-0.67

Lab Sample ID: 180-154714-5
Date Collected: 04/06/23 14:50
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.4	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Benzene	ND		5.6	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Bromomethane	ND		5.6	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
2-Butanone (MEK)	ND		5.6	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Carbon disulfide	ND		5.6	4.5	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Carbon tetrachloride	ND		5.6	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Chlorobenzene	ND		5.6	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Chlorobromomethane	ND		5.6	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Chlorodibromomethane	ND		5.6	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Chloroethane	ND		5.6	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Chloroform	ND		5.6	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1

Client Sample ID: SSHS-IRM5A2-SCV39-0-0.67

Date Collected: 04/06/23 14:50
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-5

Matrix: Solid
Percent Solids: 85.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.6	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
cis-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Cyclohexane	ND		5.6	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,2-Dibromo-3-Chloropropane	ND		5.6	3.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,2-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,3-Dichlorobenzene	ND		5.6	3.5	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,4-Dichlorobenzene	ND		5.6	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Dichlorobromomethane	ND		5.6	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Dichlorodifluoromethane	ND	*+	5.6	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,1-Dichloroethane	ND		5.6	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,2-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,1-Dichloroethene	ND		5.6	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,2-Dichloropropane	ND		5.6	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Ethylbenzene	ND		5.6	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
2-Hexanone	ND		5.6	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Isopropylbenzene	ND		5.6	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Methyl acetate	ND	*+	28	8.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Methylcyclohexane	ND		5.6	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Methylene Chloride	ND	*+	5.6	5.1	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.6	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Methyl tert-butyl ether	ND		5.6	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
m-Xylene & p-Xylene	ND		5.6	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
o-Xylene	ND		5.6	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Styrene	ND		5.6	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Tetrachloroethene	ND		5.6	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Toluene	ND		5.6	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
trans-1,2-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,2,3-Trichlorobenzene	ND		5.6	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,2,4-Trichlorobenzene	ND		5.6	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,1,1-Trichloroethane	ND		5.6	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,1,2-Trichloroethane	ND		5.6	1.1	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Trichloroethene	ND		5.6	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Trichlorofluoromethane	ND		5.6	4.7	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Vinyl chloride	ND		5.6	4.0	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1
Xylenes, Total	ND		11	8.1	ug/Kg	☼	04/17/23 07:00	04/17/23 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*	*04/17/23 07:00*	*04/17/23 12:44*	*1*
Dibromofluoromethane (Surr)	*116*		*69 - 126*	*04/17/23 07:00*	*04/17/23 12:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*73 - 135*	*04/17/23 07:00*	*04/17/23 12:44*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/17/23 07:00*	*04/17/23 12:44*	*1*

Client Sample ID: SSHS-IRM5A2-SCV39-0-0.67
Date Collected: 04/06/23 14:50
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-5
Matrix: Solid
Percent Solids: 85.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Acenaphthylene	**67**	**J**	77	17	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Acetophenone	ND		770	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Anthracene	**44**	**J**	77	20	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Atrazine	ND		770	170	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Benzaldehyde	ND		770	48	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Benzo[a]anthracene	**80**		77	35	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Benzo[a]pyrene	**88**		77	33	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Benzo[b]fluoranthene	**150**		77	19	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Benzo[g,h,i]perylene	**73**	**J**	77	17	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Benzo[k]fluoranthene	**31**	**J**	77	23	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Bis(2-chloroethyl)ether	ND		77	14	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Butyl benzyl phthalate	ND		380	260	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Carbazole	ND		77	18	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Chrysene	**100**		77	43	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Di-n-butyl phthalate	ND		380	170	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
1,4-Dioxane	ND		770	120	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Fluoranthene	**130**		77	20	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Fluorene	ND		77	15	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Hexachlorobenzene	ND		77	28	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Hexachloroethane	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Indeno[1,2,3-cd]pyrene	**72**	**J**	77	38	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Isophorone	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2-Methylnaphthalene	**26**	**J**	77	18	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV39-0-0.67
Date Collected: 04/06/23 14:50
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-5
Matrix: Solid
Percent Solids: 85.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Naphthalene	**22**	**J**	77	15	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Nitrobenzene	ND		770	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Phenanthrene	**90**		77	21	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Phenol	ND		380	120	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
Pyrene	**160**		77	18	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*44 - 105*	*04/13/23 05:34*	*04/14/23 16:16*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*04/13/23 05:34*	*04/14/23 16:16*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*04/13/23 05:34*	*04/14/23 16:16*	*1*
Phenol-d5 (Surr)	*55*		*46 - 105*	*04/13/23 05:34*	*04/14/23 16:16*	*1*
Terphenyl-d14 (Surr)	*66*		*39 - 105*	*04/13/23 05:34*	*04/14/23 16:16*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*34 - 108*	*04/13/23 05:34*	*04/14/23 16:16*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	04/12/23 11:32	04/13/23 21:07	1
PCB-1221	ND		19	6.8	ug/Kg	☼	04/12/23 11:32	04/13/23 21:07	1
PCB-1232	ND		19	4.6	ug/Kg	☼	04/12/23 11:32	04/13/23 21:07	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/12/23 11:32	04/13/23 21:07	1
PCB-1248	ND		19	4.6	ug/Kg	☼	04/12/23 11:32	04/13/23 21:07	1
PCB-1254	**30**		19	5.7	ug/Kg	☼	04/12/23 11:32	04/13/23 21:07	1
PCB-1260	**9.7**	**J**	19	5.4	ug/Kg	☼	04/12/23 11:32	04/13/23 21:07	1
PCB-1262	ND		19	6.7	ug/Kg	☼	04/12/23 11:32	04/13/23 21:07	1
PCB-1268	ND		19	2.6	ug/Kg	☼	04/12/23 11:32	04/13/23 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*106*		*63 - 138*	*04/12/23 11:32*	*04/13/23 21:07*	*1*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*	*04/12/23 11:32*	*04/13/23 21:07*	*1*
Tetrachloro-m-xylene (Surr)	*103*		*55 - 135*	*04/12/23 11:32*	*04/13/23 21:07*	*1*
Tetrachloro-m-xylene (Surr)	*106*		*55 - 135*	*04/12/23 11:32*	*04/13/23 21:07*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		18	4.6	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Antimony	**1.6**		0.92	0.28	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1

Client Sample ID: SSHS-IRM5A2-SCV39-0-0.67

Lab Sample ID: 180-154714-5
Date Collected: 04/06/23 14:50
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.1

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	17		0.92	0.58	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Barium	150		18	3.3	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Beryllium	0.99		0.37	0.10	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Cadmium	2.6		0.46	0.067	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Calcium	15000		460	59	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Chromium	20		0.46	0.42	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Cobalt	8.1		4.6	0.65	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Copper	140		2.3	1.4	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Iron	32000	B	9.2	8.9	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Lead	240		0.92	0.80	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Magnesium	3000		460	50	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Manganese	440		1.4	0.26	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Nickel	62		3.7	0.46	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Potassium	860		460	78	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Selenium	0.60	J	0.92	0.42	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Silver	ND		0.46	0.095	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Sodium	300	J	460	47	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Thallium	1.2	J	1.8	0.26	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Vanadium	20		4.6	0.73	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1
Zinc	1200	B	1.8	1.3	mg/Kg	☼	04/26/23 07:51	04/28/23 16:00	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.038	0.024	mg/Kg	☼	04/21/23 11:30	04/24/23 12:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	14.9		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	85.1		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV39-0.67-1.67

Lab Sample ID: 180-154714-6
Date Collected: 04/06/23 14:55
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 84.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.2	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Benzene	ND		5.4	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Bromoform	ND		5.4	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Bromomethane	ND		5.4	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
2-Butanone (MEK)	ND		5.4	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Carbon disulfide	ND		5.4	4.4	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Carbon tetrachloride	ND		5.4	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Chlorobenzene	ND		5.4	1.4	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Chlorobromomethane	ND		5.4	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Chlorodibromomethane	ND		5.4	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Chloroethane	ND		5.4	3.2	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Chloroform	ND		5.4	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Chloromethane	ND		5.4	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1

Client Sample ID: SSHS-IRM5A2-SCV39-0.67-1.67
Date Collected: 04/06/23 14:55
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-6
Matrix: Solid
Percent Solids: 84.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Cyclohexane	ND		5.4	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,2-Dibromo-3-Chloropropane	ND		5.4	3.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,2-Dibromoethane	ND		5.4	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,2-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,3-Dichlorobenzene	ND		5.4	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,4-Dichlorobenzene	ND		5.4	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Dichlorobromomethane	ND		5.4	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Dichlorodifluoromethane	ND	*+	5.4	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,1-Dichloroethane	ND		5.4	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,2-Dichloroethane	ND		5.4	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,1-Dichloroethene	ND		5.4	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,2-Dichloropropane	ND		5.4	1.4	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Ethylbenzene	ND		5.4	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
2-Hexanone	ND		5.4	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Isopropylbenzene	ND		5.4	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Methyl acetate	ND	*+	27	8.0	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Methylcyclohexane	ND		5.4	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Methylene Chloride	ND	*+	5.4	4.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.4	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Methyl tert-butyl ether	ND		5.4	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
m-Xylene & p-Xylene	ND		5.4	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
o-Xylene	ND		5.4	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Styrene	ND		5.4	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Tetrachloroethene	ND		5.4	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Toluene	ND		5.4	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
trans-1,2-Dichloroethene	ND		5.4	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
trans-1,3-Dichloropropene	ND		5.4	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,2,3-Trichlorobenzene	ND		5.4	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,2,4-Trichlorobenzene	ND		5.4	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,1,1-Trichloroethane	ND		5.4	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,1,2-Trichloroethane	ND		5.4	1.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Trichloroethene	ND		5.4	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Trichlorofluoromethane	ND		5.4	4.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Vinyl chloride	ND		5.4	3.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1
Xylenes, Total	ND		11	7.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*60 - 124*	*04/17/23 07:00*	*04/17/23 13:11*	*1*
Dibromofluoromethane (Surr)	*124*		*69 - 126*	*04/17/23 07:00*	*04/17/23 13:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*137*	*S1+*	*73 - 135*	*04/17/23 07:00*	*04/17/23 13:11*	*1*
Toluene-d8 (Surr)	*102*		*67 - 134*	*04/17/23 07:00*	*04/17/23 13:11*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	22	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV39-0.67-1.67
Date Collected: 04/06/23 14:55
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-6
Matrix: Solid
Percent Solids: 84.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**73**	**J**	78	17	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Acetophenone	ND		780	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Anthracene	**36**	**J**	78	20	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Atrazine	ND		780	170	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Benzaldehyde	ND		780	48	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Benzo[a]anthracene	**89**		78	35	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Benzo[a]pyrene	**110**		78	34	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Benzo[b]fluoranthene	**150**		78	19	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Benzo[g,h,i]perylene	**80**		78	17	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Benzo[k]fluoranthene	**60**	**J**	78	23	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Bis(2-chloroethyl)ether	ND		78	14	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
4-Bromophenyl phenyl ether	ND		380	170	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Butyl benzyl phthalate	ND		380	270	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Carbazole	ND		78	18	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Chrysene	**110**		78	43	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Dibenz(a,h)anthracene	ND		78	50	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Di-n-butyl phthalate	ND		380	170	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Di-n-octyl phthalate	ND		380	230	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
1,4-Dioxane	ND		780	120	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Fluoranthene	**140**		78	21	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Fluorene	ND		78	15	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Hexachlorocyclopentadiene	ND		380	40	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Hexachloroethane	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Indeno[1,2,3-cd]pyrene	**60**	**J**	78	39	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Isophorone	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2-Methylnaphthalene	**26**	**J**	78	19	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV39-0.67-1.67
Date Collected: 04/06/23 14:55
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-6
Matrix: Solid
Percent Solids: 84.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**24**	**J**	78	15	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
3-Nitroaniline	ND		2000	99	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Nitrobenzene	ND		780	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Phenanthrene	**58**	**J**	78	21	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Phenol	ND		380	120	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
Pyrene	**150**		78	18	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2,4,5-Trichlorophenol	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*44 - 105*	*04/13/23 05:34*	*04/14/23 16:38*	*1*
2-Fluorophenol (Surr)	*70*		*48 - 105*	*04/13/23 05:34*	*04/14/23 16:38*	*1*
Nitrobenzene-d5 (Surr)	*73*		*46 - 105*	*04/13/23 05:34*	*04/14/23 16:38*	*1*
Phenol-d5 (Surr)	*56*		*46 - 105*	*04/13/23 05:34*	*04/14/23 16:38*	*1*
Terphenyl-d14 (Surr)	*65*		*39 - 105*	*04/13/23 05:34*	*04/14/23 16:38*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*34 - 108*	*04/13/23 05:34*	*04/14/23 16:38*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	04/12/23 11:32	04/13/23 21:26	1
PCB-1221	ND		19	6.9	ug/Kg	☼	04/12/23 11:32	04/13/23 21:26	1
PCB-1232	ND		19	4.7	ug/Kg	☼	04/12/23 11:32	04/13/23 21:26	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/12/23 11:32	04/13/23 21:26	1
PCB-1248	ND		19	4.7	ug/Kg	☼	04/12/23 11:32	04/13/23 21:26	1
PCB-1254	**39**		19	5.8	ug/Kg	☼	04/12/23 11:32	04/13/23 21:26	1
PCB-1260	**15**	**J**	19	5.5	ug/Kg	☼	04/12/23 11:32	04/13/23 21:26	1
PCB-1262	ND		19	6.8	ug/Kg	☼	04/12/23 11:32	04/13/23 21:26	1
PCB-1268	ND		19	2.6	ug/Kg	☼	04/12/23 11:32	04/13/23 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*99*		*63 - 138*	*04/12/23 11:32*	*04/13/23 21:26*	*1*
DCB Decachlorobiphenyl (Surr)	*96*		*63 - 138*	*04/12/23 11:32*	*04/13/23 21:26*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*55 - 135*	*04/12/23 11:32*	*04/13/23 21:26*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*04/12/23 11:32*	*04/13/23 21:26*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9300**		19	4.8	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Antimony	**2.3**		0.95	0.29	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Arsenic	**17**		0.95	0.60	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1

Client Sample ID: SSHS-IRM5A2-SCV39-0.67-1.67

Lab Sample ID: 180-154714-6

Date Collected: 04/06/23 14:55
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 84.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	140		19	3.4	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Beryllium	1.1		0.38	0.10	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Cadmium	1.8		0.48	0.070	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Calcium	4700		480	62	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Chromium	36		0.48	0.43	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Cobalt	8.6		4.8	0.67	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Copper	210		2.4	1.4	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Iron	35000	B	9.5	9.3	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Lead	190		0.95	0.83	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Magnesium	2500		480	52	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Manganese	470		1.4	0.26	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Nickel	90		3.8	0.48	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Potassium	1000		480	81	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Selenium	1.0		0.95	0.44	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Silver	0.12	J	0.48	0.099	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Sodium	200	J	480	49	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Thallium	0.92	J	1.9	0.27	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Vanadium	22		4.8	0.75	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1
Zinc	680	B	1.9	1.4	mg/Kg	☼	04/26/23 07:51	04/28/23 16:05	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.23		0.038	0.024	mg/Kg	☼	04/21/23 11:30	04/24/23 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	15.4		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	84.6		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV40-0-0.17

Lab Sample ID: 180-154714-7

Date Collected: 04/06/23 15:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 80.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Benzene	ND		6.1	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Bromoform	ND		6.1	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Bromomethane	ND		6.1	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
2-Butanone (MEK)	ND	*+	6.1	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Carbon disulfide	ND		6.1	4.9	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Carbon tetrachloride	ND		6.1	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Chlorobenzene	ND		6.1	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Chlorobromomethane	ND		6.1	3.7	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Chlorodibromomethane	ND		6.1	3.0	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Chloroethane	ND		6.1	3.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Chloroform	ND		6.1	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Chloromethane	ND		6.1	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
cis-1,2-Dichloroethene	ND		6.1	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
cis-1,3-Dichloropropene	ND		6.1	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1

Client Sample ID: SSHS-IRM5A2-SCV40-0-0.17
Lab Sample ID: 180-154714-7

Date Collected: 04/06/23 15:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 80.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		6.1	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,2-Dibromo-3-Chloropropane	ND		6.1	4.0	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,2-Dibromoethane	ND		6.1	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,2-Dichlorobenzene	ND		6.1	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,3-Dichlorobenzene	ND		6.1	3.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,4-Dichlorobenzene	ND		6.1	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Dichlorobromomethane	ND		6.1	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Dichlorodifluoromethane	ND	*+	6.1	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,1-Dichloroethane	ND		6.1	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,2-Dichloroethane	ND		6.1	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,1-Dichloroethene	ND		6.1	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,2-Dichloroethene, Total	ND		12	5.0	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,2-Dichloropropane	ND		6.1	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,4-Dioxane	ND		1200	43	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Ethylbenzene	ND		6.1	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
2-Hexanone	ND		6.1	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Isopropylbenzene	ND		6.1	3.2	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Methyl acetate	ND	*+	31	9.0	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Methylcyclohexane	ND		6.1	3.0	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Methylene Chloride	ND		6.1	5.5	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Methyl tert-butyl ether	ND		6.1	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
m-Xylene & p-Xylene	ND		6.1	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
o-Xylene	ND		6.1	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Styrene	ND		6.1	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,1,2,2-Tetrachloroethane	ND		6.1	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Tetrachloroethene	ND		6.1	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Toluene	ND		6.1	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
trans-1,2-Dichloroethene	ND		6.1	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
trans-1,3-Dichloropropene	ND		6.1	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,2,3-Trichlorobenzene	ND		6.1	3.4	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,2,4-Trichlorobenzene	ND		6.1	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,1,1-Trichloroethane	ND		6.1	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,1,2-Trichloroethane	ND		6.1	1.2	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Trichloroethene	ND		6.1	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Trichlorofluoromethane	ND		6.1	5.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Vinyl chloride	ND		6.1	4.4	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1
Xylenes, Total	ND		12	8.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*60 - 124*	*04/11/23 07:07*	*04/11/23 18:00*	*1*
Dibromofluoromethane (Surr)	*127*	*S1+*	*69 - 126*	*04/11/23 07:07*	*04/11/23 18:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*136*	*S1+*	*73 - 135*	*04/11/23 07:07*	*04/11/23 18:00*	*1*
Toluene-d8 (Surr)	*106*		*67 - 134*	*04/11/23 07:07*	*04/11/23 18:00*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		83	24	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Acenaphthylene	**110**		83	18	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1

Client Sample ID: SSHS-IRM5A2-SCV40-0-0.17
Date Collected: 04/06/23 15:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-7
Matrix: Solid
Percent Solids: 80.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		830	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Anthracene	**74**	**J**	83	21	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Atrazine	ND		830	180	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Benzaldehyde	ND		830	51	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Benzo[a]anthracene	**170**		83	37	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Benzo[a]pyrene	**170**		83	36	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Benzo[b]fluoranthene	**270**		83	20	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Benzo[g,h,i]perylene	**150**		83	18	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Benzo[k]fluoranthene	**110**		83	25	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
1,1'-Biphenyl	ND		410	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Bis(2-chloroethoxy)methane	ND		410	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Bis(2-chloroethyl)ether	ND		83	15	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Bis(2-ethylhexyl) phthalate	ND		4100	440	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
4-Bromophenyl phenyl ether	ND		410	180	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Butyl benzyl phthalate	ND		410	280	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Carbazole	ND		83	19	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
4-Chloroaniline	ND		410	110	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
4-Chloro-3-methylphenol	ND		410	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2-Chloronaphthalene	ND		83	19	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2-Chlorophenol	ND		410	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
4-Chlorophenyl phenyl ether	ND		410	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Chrysene	**220**		83	46	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Dibenz(a,h)anthracene	ND		83	53	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Dibenzofuran	ND		410	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
3,3'-Dichlorobenzidine	ND		410	380	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2,4-Dichlorophenol	ND		83	32	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Diethyl phthalate	ND		410	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2,4-Dimethylphenol	ND		410	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Dimethyl phthalate	ND		410	160	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Di-n-butyl phthalate	ND		410	180	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
4,6-Dinitro-2-methylphenol	ND		2100	710	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2,4-Dinitrophenol	ND		4100	2600	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2,4-Dinitrotoluene	ND		410	250	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2,6-Dinitrotoluene	ND		410	160	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Di-n-octyl phthalate	ND		410	240	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
1,4-Dioxane	ND		830	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Fluoranthene	**240**		83	22	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Fluorene	ND		83	16	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Hexachlorobenzene	ND		83	30	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Hexachlorobutadiene	ND		83	24	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Hexachlorocyclopentadiene	ND		410	42	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Hexachloroethane	ND		410	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Indeno[1,2,3-cd]pyrene	**110**		83	41	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Isophorone	ND		410	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2-Methylnaphthalene	**40**	**J**	83	20	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2-Methylphenol	ND		410	120	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Methylphenol, 3 & 4	ND		410	120	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Naphthalene	**37**	**J**	83	16	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV40-0-0.17

Date Collected: 04/06/23 15:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-7

Matrix: Solid
Percent Solids: 80.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Nitrobenzene	ND		830	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2-Nitrophenol	ND		410	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
N-Nitrosodi-n-propylamine	ND		83	28	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
N-Nitrosodiphenylamine	ND		410	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2,2'-oxybis[1-chloropropane]	ND		83	31	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Pentachlorophenol	ND		2100	660	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Phenanthrene	**80**	**J**	83	22	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Phenol	ND		410	120	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
Pyrene	**310**		83	20	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
1,2,4,5-Tetrachlorobenzene	ND		410	160	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2,3,4,6-Tetrachlorophenol	ND		410	170	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2,4,5-Trichlorophenol	ND		410	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1
2,4,6-Trichlorophenol	ND		410	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*04/13/23 05:34*	*04/14/23 17:00*	*1*
2-Fluorophenol (Surr)	*79*		*48 - 105*	*04/13/23 05:34*	*04/14/23 17:00*	*1*
Nitrobenzene-d5 (Surr)	*84*		*46 - 105*	*04/13/23 05:34*	*04/14/23 17:00*	*1*
Phenol-d5 (Surr)	*64*		*46 - 105*	*04/13/23 05:34*	*04/14/23 17:00*	*1*
Terphenyl-d14 (Surr)	*74*		*39 - 105*	*04/13/23 05:34*	*04/14/23 17:00*	*1*
2,4,6-Tribromophenol (Surr)	*53*		*34 - 108*	*04/13/23 05:34*	*04/14/23 17:00*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.7	ug/Kg	☼	04/12/23 11:32	04/13/23 21:45	1
PCB-1221	ND		21	7.3	ug/Kg	☼	04/12/23 11:32	04/13/23 21:45	1
PCB-1232	ND		21	5.1	ug/Kg	☼	04/12/23 11:32	04/13/23 21:45	1
PCB-1242	ND		21	3.0	ug/Kg	☼	04/12/23 11:32	04/13/23 21:45	1
PCB-1248	**91**		21	5.0	ug/Kg	☼	04/12/23 11:32	04/13/23 21:45	1
PCB-1254	**110**		21	6.2	ug/Kg	☼	04/12/23 11:32	04/13/23 21:45	1
PCB-1260	**25**		21	5.9	ug/Kg	☼	04/12/23 11:32	04/13/23 21:45	1
PCB-1262	ND		21	7.3	ug/Kg	☼	04/12/23 11:32	04/13/23 21:45	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/12/23 11:32	04/13/23 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*101*		*63 - 138*	*04/12/23 11:32*	*04/13/23 21:45*	*1*
DCB Decachlorobiphenyl (Surr)	*103*		*63 - 138*	*04/12/23 11:32*	*04/13/23 21:45*	*1*
Tetrachloro-m-xylene (Surr)	*106*		*55 - 135*	*04/12/23 11:32*	*04/13/23 21:45*	*1*
Tetrachloro-m-xylene (Surr)	*109*		*55 - 135*	*04/12/23 11:32*	*04/13/23 21:45*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13000**		17	4.3	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Antimony	**0.34**	**J**	0.86	0.26	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Arsenic	**12**		0.86	0.54	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Barium	**160**		17	3.1	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1

Client Sample ID: SSHS-IRM5A2-SCV40-0-0.17

Lab Sample ID: 180-154714-7

Date Collected: 04/06/23 15:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 80.3

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.77		0.35	0.094	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Cadmium	0.41	J	0.43	0.063	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Calcium	4900		430	56	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Chromium	22		0.43	0.39	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Cobalt	12		4.3	0.61	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Copper	45		2.2	1.3	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Iron	29000	B	8.6	8.4	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Lead	95		0.86	0.75	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Magnesium	3400		430	47	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Manganese	680		1.3	0.24	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Nickel	36		3.5	0.44	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Potassium	1900		430	74	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Selenium	1.0		0.86	0.40	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Silver	ND		0.43	0.090	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Sodium	53	J	430	44	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Thallium	1.1	J	1.7	0.25	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Vanadium	20		4.3	0.68	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1
Zinc	290	B	1.7	1.3	mg/Kg	☼	04/26/23 07:51	04/28/23 16:10	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.040	0.026	mg/Kg	☼	04/21/23 11:30	04/24/23 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	19.7		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	80.3		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV40-0.17-0.75

Lab Sample ID: 180-154714-8

Date Collected: 04/06/23 15:05
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Benzene	ND		5.2	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Bromoform	ND		5.2	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Bromomethane	ND		5.2	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
2-Butanone (MEK)	ND	*+	5.2	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Carbon disulfide	ND		5.2	4.2	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Carbon tetrachloride	ND		5.2	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Chlorobenzene	ND		5.2	1.4	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Chlorobromomethane	ND		5.2	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Chlorodibromomethane	ND		5.2	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Chloroethane	ND		5.2	3.0	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Chloroform	ND		5.2	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Chloromethane	ND		5.2	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
cis-1,2-Dichloroethene	ND		5.2	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
cis-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Cyclohexane	ND		5.2	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV40-0.17-0.75
Date Collected: 04/06/23 15:05
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-8
Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.2	3.4	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,2-Dibromoethane	ND		5.2	1.4	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,2-Dichlorobenzene	ND		5.2	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,3-Dichlorobenzene	ND		5.2	3.2	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,4-Dichlorobenzene	ND		5.2	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Dichlorobromomethane	ND		5.2	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Dichlorodifluoromethane	ND	*+	5.2	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,1-Dichloroethane	ND		5.2	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,2-Dichloroethane	ND		5.2	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,1-Dichloroethene	ND		5.2	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,2-Dichloroethene, Total	ND		10	4.2	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,2-Dichloropropane	ND		5.2	1.4	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,4-Dioxane	ND		1000	37	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Ethylbenzene	ND		5.2	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
2-Hexanone	ND		5.2	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Isopropylbenzene	ND		5.2	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Methyl acetate	ND	*+	26	7.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Methylcyclohexane	ND		5.2	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Methylene Chloride	ND		5.2	4.7	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.2	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Methyl tert-butyl ether	ND		5.2	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
m-Xylene & p-Xylene	ND		5.2	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
o-Xylene	ND		5.2	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Styrene	ND		5.2	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,1,2,2-Tetrachloroethane	ND		5.2	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Tetrachloroethene	ND		5.2	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Toluene	ND		5.2	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
trans-1,2-Dichloroethene	ND		5.2	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
trans-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,2,3-Trichlorobenzene	ND		5.2	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,2,4-Trichlorobenzene	ND		5.2	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,1,1-Trichloroethane	ND		5.2	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,1,2-Trichloroethane	ND		5.2	1.0	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Trichloroethene	ND		5.2	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Trichlorofluoromethane	ND		5.2	4.3	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Vinyl chloride	ND		5.2	3.7	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1
Xylenes, Total	ND		10	7.5	ug/Kg	☼	04/11/23 07:07	04/11/23 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*	*04/11/23 07:07*	*04/11/23 18:46*	*1*
Dibromofluoromethane (Surr)	*108*		*69 - 126*	*04/11/23 07:07*	*04/11/23 18:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*73 - 135*	*04/11/23 07:07*	*04/11/23 18:46*	*1*
Toluene-d8 (Surr)	*99*		*67 - 134*	*04/11/23 07:07*	*04/11/23 18:46*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Acenaphthylene	**120**		74	16	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Acetophenone	ND		740	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV40-0.17-0.75
Date Collected: 04/06/23 15:05
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-8
Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**63**	**J**	74	19	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Atrazine	ND		740	160	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Benzo[a]anthracene	**150**		74	33	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Benzo[a]pyrene	**160**		74	32	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Benzo[b]fluoranthene	**270**		74	18	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Benzo[g,h,i]perylene	**120**		74	16	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Benzo[k]fluoranthene	**81**		74	22	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Carbazole	ND		74	17	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Chrysene	**210**		74	41	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Dibenz(a,h)anthracene	**47**	**J**	74	47	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Di-n-butyl phthalate	**230**	**J**	360	160	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Fluoranthene	**200**		74	19	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Fluorene	ND		74	14	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Indeno[1,2,3-cd]pyrene	**120**		74	37	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Isophorone	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2-Methylnaphthalene	**52**	**J**	74	18	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Naphthalene	**38**	**J**	74	14	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1

Client Sample ID: SSHS-IRM5A2-SCV40-0.17-0.75

Date Collected: 04/06/23 15:05
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-8

Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Phenanthrene	**110**		74	20	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Phenol	ND		360	110	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
Pyrene	**290**		74	17	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/14/23 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*04/13/23 05:34*	*04/14/23 17:22*	*1*
2-Fluorophenol (Surr)	*75*		*48 - 105*	*04/13/23 05:34*	*04/14/23 17:22*	*1*
Nitrobenzene-d5 (Surr)	*80*		*46 - 105*	*04/13/23 05:34*	*04/14/23 17:22*	*1*
Phenol-d5 (Surr)	*60*		*46 - 105*	*04/13/23 05:34*	*04/14/23 17:22*	*1*
Terphenyl-d14 (Surr)	*72*		*39 - 105*	*04/13/23 05:34*	*04/14/23 17:22*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*34 - 108*	*04/13/23 05:34*	*04/14/23 17:22*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	04/10/23 17:06	04/11/23 23:00	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/10/23 17:06	04/11/23 23:00	1
PCB-1232	ND		18	4.5	ug/Kg	☼	04/10/23 17:06	04/11/23 23:00	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/10/23 17:06	04/11/23 23:00	1
PCB-1248	**34**		18	4.4	ug/Kg	☼	04/10/23 17:06	04/11/23 23:00	1
PCB-1254	**46**		18	5.5	ug/Kg	☼	04/10/23 17:06	04/11/23 23:00	1
PCB-1260	**18**		18	5.2	ug/Kg	☼	04/10/23 17:06	04/11/23 23:00	1
PCB-1262	ND		18	6.4	ug/Kg	☼	04/10/23 17:06	04/11/23 23:00	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/10/23 17:06	04/11/23 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*91*		*63 - 138*	*04/10/23 17:06*	*04/11/23 23:00*	*1*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/10/23 17:06*	*04/11/23 23:00*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*55 - 135*	*04/10/23 17:06*	*04/11/23 23:00*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*	*04/10/23 17:06*	*04/11/23 23:00*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		22	5.5	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Antimony	**0.49**	**J**	1.1	0.34	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Arsenic	**12**		1.1	0.70	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Barium	**160**		22	4.0	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Beryllium	**0.78**		0.44	0.12	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1

Client Sample ID: SSHS-IRM5A2-SCV40-0.17-0.75

Lab Sample ID: 180-154714-8
Date Collected: 04/06/23 15:05
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.0

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.36	J	0.56	0.082	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Calcium	4200		560	72	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Chromium	21		0.56	0.51	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Cobalt	11		5.6	0.78	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Copper	38		2.8	1.7	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Iron	30000	B	11	11	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Lead	90		1.1	0.97	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Magnesium	3400		560	61	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Manganese	680		1.7	0.31	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Nickel	30		4.4	0.56	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Potassium	1700		560	95	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Selenium	0.79	J	1.1	0.51	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Silver	ND		0.56	0.12	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Sodium	ND		560	57	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Thallium	1.1	J	2.2	0.32	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Vanadium	20		5.6	0.88	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1
Zinc	200	B	2.2	1.6	mg/Kg	☼	04/26/23 07:51	04/28/23 16:26	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.035	0.022	mg/Kg	☼	04/21/23 11:30	04/24/23 12:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	10.0		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	90.0		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV40-0.75-1.75

Lab Sample ID: 180-154714-9
Date Collected: 04/06/23 15:10
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Benzene	ND		5.5	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
2-Butanone (MEK)	ND	*+	5.5	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
cis-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1

Client Sample ID: SSHS-IRM5A2-SCV40-0.75-1.75
Date Collected: 04/06/23 15:10
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-9
Matrix: Solid
Percent Solids: 85.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,2-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,4-Dichlorobenzene	ND		5.5	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Dichlorobromomethane	ND		5.5	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Dichlorodifluoromethane	ND	*+	5.5	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,1-Dichloroethane	ND		5.5	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Isopropylbenzene	ND		5.5	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Methyl acetate	ND	*+	27	8.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Methylcyclohexane	ND		5.5	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Methylene Chloride	ND		5.5	4.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
m-Xylene & p-Xylene	ND		5.5	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Styrene	ND		5.5	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Trichlorofluoromethane	ND		5.5	4.5	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Vinyl chloride	ND		5.5	3.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1
Xylenes, Total	ND		11	7.9	ug/Kg	☼	04/11/23 07:07	04/11/23 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*60 - 124*	*04/11/23 07:07*	*04/11/23 19:31*	*1*
Dibromofluoromethane (Surr)	*115*		*69 - 126*	*04/11/23 07:07*	*04/11/23 19:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*73 - 135*	*04/11/23 07:07*	*04/11/23 19:31*	*1*
Toluene-d8 (Surr)	*104*		*67 - 134*	*04/11/23 07:07*	*04/11/23 19:31*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Acenaphthylene	**32**	**J**	76	16	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Acetophenone	ND		760	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Anthracene	ND		76	20	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1

Client Sample ID: SSHS-IRM5A2-SCV40-0.75-1.75

Date Collected: 04/06/23 15:10
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-9

Matrix: Solid
Percent Solids: 85.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		760	160	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Benzaldehyde	ND		760	47	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Benzo[a]anthracene	**54**	**J**	76	34	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Benzo[a]pyrene	**59**	**J**	76	33	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Benzo[b]fluoranthene	**87**		76	18	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Benzo[g,h,i]perylene	**38**	**J**	76	16	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Benzo[k]fluoranthene	ND		76	23	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Bis(2-chloroethyl)ether	ND		76	14	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Butyl benzyl phthalate	ND		370	260	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Carbazole	ND		76	18	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Chrysene	**86**		76	42	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Dibenzofuran	ND		370	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Dimethyl phthalate	ND		370	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Di-n-butyl phthalate	ND		370	160	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
1,4-Dioxane	ND		760	120	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Fluoranthene	**63**	**J**	76	20	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Fluorene	ND		76	15	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Hexachlorocyclopentadiene	ND		370	38	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Hexachloroethane	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Indeno[1,2,3-cd]pyrene	ND		76	37	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Isophorone	ND		370	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2-Methylnaphthalene	**28**	**J**	76	18	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2-Methylphenol	ND		370	110	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Naphthalene	**24**	**J**	76	15	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1

Client Sample ID: SSHS-IRM5A2-SCV40-0.75-1.75
Date Collected: 04/06/23 15:10
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-9
Matrix: Solid
Percent Solids: 85.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Nitrobenzene	ND		760	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
N-Nitrosodi-n-propylamine	ND		76	25	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Phenanthrene	**61**	**J**	76	20	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Phenol	ND		370	110	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
Pyrene	**85**		76	18	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*44 - 105*	*04/13/23 05:34*	*04/14/23 17:45*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*04/13/23 05:34*	*04/14/23 17:45*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*04/13/23 05:34*	*04/14/23 17:45*	*1*
Phenol-d5 (Surr)	*58*		*46 - 105*	*04/13/23 05:34*	*04/14/23 17:45*	*1*
Terphenyl-d14 (Surr)	*62*		*39 - 105*	*04/13/23 05:34*	*04/14/23 17:45*	*1*
2,4,6-Tribromophenol (Surr)	*56*		*34 - 108*	*04/13/23 05:34*	*04/14/23 17:45*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	04/10/23 17:06	04/11/23 23:19	1
PCB-1221	ND		19	6.7	ug/Kg	☼	04/10/23 17:06	04/11/23 23:19	1
PCB-1232	ND		19	4.6	ug/Kg	☼	04/10/23 17:06	04/11/23 23:19	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/10/23 17:06	04/11/23 23:19	1
PCB-1248	ND		19	4.5	ug/Kg	☼	04/10/23 17:06	04/11/23 23:19	1
PCB-1254	**8.3**	**J**	19	5.7	ug/Kg	☼	04/10/23 17:06	04/11/23 23:19	1
PCB-1260	ND		19	5.4	ug/Kg	☼	04/10/23 17:06	04/11/23 23:19	1
PCB-1262	ND		19	6.7	ug/Kg	☼	04/10/23 17:06	04/11/23 23:19	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/10/23 17:06	04/11/23 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*	*04/10/23 17:06*	*04/11/23 23:19*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*04/10/23 17:06*	*04/11/23 23:19*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*04/10/23 17:06*	*04/11/23 23:19*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*04/10/23 17:06*	*04/11/23 23:19*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8400**		18	4.5	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Antimony	**0.43**	**J**	0.91	0.28	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Arsenic	**10**		0.91	0.57	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Barium	**97**		18	3.2	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Beryllium	**0.53**		0.36	0.099	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Cadmium	**0.19**	**J**	0.46	0.067	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1

Client Sample ID: SSHS-IRM5A2-SCV40-0.75-1.75

Lab Sample ID: 180-154714-9

Date Collected: 04/06/23 15:10
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	11000		460	59	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Chromium	12		0.46	0.41	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Cobalt	8.2		4.6	0.64	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Copper	40		2.3	1.4	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Iron	21000	B	9.1	8.9	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Lead	53		0.91	0.79	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Magnesium	2000		460	50	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Manganese	430		1.4	0.25	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Nickel	25		3.6	0.46	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Potassium	780		460	77	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Selenium	0.72	J	0.91	0.42	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Silver	ND		0.46	0.095	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Sodium	110	J	460	47	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Thallium	1.0	J	1.8	0.26	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Vanadium	15		4.6	0.72	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1
Zinc	160	B	1.8	1.3	mg/Kg	☼	04/26/23 07:51	04/28/23 16:31	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.22		0.034	0.022	mg/Kg	☼	04/21/23 11:30	04/24/23 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	14.2		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	85.8		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV41-0-0.17

Lab Sample ID: 180-154714-10

Date Collected: 04/06/23 15:15
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 81.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.6	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Bromomethane	ND		5.9	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
2-Butanone (MEK)	ND	*+	5.9	3.0	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Carbon disulfide	ND		5.9	4.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Chlorobromomethane	ND		5.9	3.5	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Chloroethane	ND		5.9	3.4	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1

Client Sample ID: SSHS-IRM5A2-SCV41-0-0.17
Date Collected: 04/06/23 15:15
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-10
Matrix: Solid
Percent Solids: 81.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,3-Dichlorobenzene	ND		5.9	3.6	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Dichlorobromomethane	ND		5.9	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Dichlorodifluoromethane	ND	*+	5.9	2.9	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,1-Dichloroethene	ND		5.9	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
2-Hexanone	ND		5.9	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Isopropylbenzene	ND		5.9	3.1	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Methyl acetate	ND	*+	30	8.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Methylcyclohexane	ND		5.9	2.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.2	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
trans-1,2-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
trans-1,3-Dichloropropene	ND		5.9	2.7	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,2,3-Trichlorobenzene	ND		5.9	3.2	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Trichloroethene	ND		5.9	1.9	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	2.4	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Vinyl chloride	ND		5.9	4.3	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1
Xylenes, Total	ND		12	8.5	ug/Kg	☼	04/11/23 07:07	04/11/23 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*	*04/11/23 07:07*	*04/11/23 20:16*	*1*
Dibromofluoromethane (Surr)	*121*		*69 - 126*	*04/11/23 07:07*	*04/11/23 20:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*132*		*73 - 135*	*04/11/23 07:07*	*04/11/23 20:16*	*1*
Toluene-d8 (Surr)	*101*		*67 - 134*	*04/11/23 07:07*	*04/11/23 20:16*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		82	23	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Acenaphthylene	**25**	**J**	82	18	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Acetophenone	ND		820	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Anthracene	ND		82	21	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Atrazine	ND		820	180	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1

Client Sample ID: SSHS-IRM5A2-SCV41-0-0.17
Date Collected: 04/06/23 15:15
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-10
Matrix: Solid
Percent Solids: 81.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		820	50	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Benzo[a]anthracene	**56**	**J**	82	37	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Benzo[a]pyrene	**62**	**J**	82	35	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Benzo[b]fluoranthene	**79**	**J**	82	20	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Benzo[g,h,i]perylene	ND		82	18	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Benzo[k]fluoranthene	**50**	**J**	82	24	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Bis(2-chloroethyl)ether	ND		82	15	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Caprolactam	ND		2100	260	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Carbazole	ND		82	19	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2-Chloronaphthalene	ND		82	19	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
4-Chlorophenyl phenyl ether	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Chrysene	**91**		82	45	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Dibenz(a,h)anthracene	ND		82	52	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2,4-Dichlorophenol	ND		82	31	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
1,4-Dioxane	ND		820	130	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Fluoranthene	**73**	**J**	82	21	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Fluorene	ND		82	16	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Hexachlorobenzene	ND		82	29	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Hexachlorobutadiene	ND		82	24	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Hexachlorocyclopentadiene	ND		400	42	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Indeno[1,2,3-cd]pyrene	ND		82	40	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Isophorone	ND		400	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2-Methylnaphthalene	**23**	**J**	82	20	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2-Methylphenol	ND		400	120	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Naphthalene	**17**	**J**	82	16	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1

Client Sample ID: SSHS-IRM5A2-SCV41-0-0.17

Date Collected: 04/06/23 15:15
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-10

Matrix: Solid
Percent Solids: 81.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		820	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
N-Nitrosodi-n-propylamine	ND		82	28	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
N-Nitrosodiphenylamine	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2,2'-oxybis[1-chloropropane]	ND		82	30	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Pentachlorophenol	ND		2100	650	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Phenanthrene	**58**	**J**	82	22	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Phenol	ND		400	120	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
Pyrene	**100**		82	19	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1
2,4,6-Trichlorophenol	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*04/13/23 05:34*	*04/14/23 18:07*	*1*
2-Fluorophenol (Surr)	*78*		*48 - 105*	*04/13/23 05:34*	*04/14/23 18:07*	*1*
Nitrobenzene-d5 (Surr)	*83*		*46 - 105*	*04/13/23 05:34*	*04/14/23 18:07*	*1*
Phenol-d5 (Surr)	*64*		*46 - 105*	*04/13/23 05:34*	*04/14/23 18:07*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 105*	*04/13/23 05:34*	*04/14/23 18:07*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*34 - 108*	*04/13/23 05:34*	*04/14/23 18:07*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	04/10/23 17:06	04/11/23 23:38	1
PCB-1221	ND		20	7.2	ug/Kg	☼	04/10/23 17:06	04/11/23 23:38	1
PCB-1232	ND		20	4.9	ug/Kg	☼	04/10/23 17:06	04/11/23 23:38	1
PCB-1242	ND		20	3.0	ug/Kg	☼	04/10/23 17:06	04/11/23 23:38	1
PCB-1248	**95**		20	4.9	ug/Kg	☼	04/10/23 17:06	04/11/23 23:38	1
PCB-1254	**86**		20	6.1	ug/Kg	☼	04/10/23 17:06	04/11/23 23:38	1
PCB-1260	**24**		20	5.8	ug/Kg	☼	04/10/23 17:06	04/11/23 23:38	1
PCB-1262	ND		20	7.1	ug/Kg	☼	04/10/23 17:06	04/11/23 23:38	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/10/23 17:06	04/11/23 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*91*		*63 - 138*	*04/10/23 17:06*	*04/11/23 23:38*	*1*
DCB Decachlorobiphenyl (Surr)	*91*		*63 - 138*	*04/10/23 17:06*	*04/11/23 23:38*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*55 - 135*	*04/10/23 17:06*	*04/11/23 23:38*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*04/10/23 17:06*	*04/11/23 23:38*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		14	3.4	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Antimony	**1.7**		0.69	0.21	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Arsenic	**16**		3.4	2.2	mg/Kg	☼	04/26/23 07:51	04/29/23 20:03	5
Barium	**130**		14	2.5	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Beryllium	**0.69**		0.28	0.075	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Cadmium	**0.60**	**J**	1.7	0.25	mg/Kg	☼	04/26/23 07:51	04/29/23 20:03	5
Calcium	**4000**		340	45	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1

Client Sample ID: SSHS-IRM5A2-SCV41-0-0.17

Lab Sample ID: 180-154714-10
Date Collected: 04/06/23 15:15
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 81.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	40		0.34	0.31	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Cobalt	14		3.4	0.49	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Copper	81		1.7	1.0	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Iron	81000	B	34	34	mg/Kg	☼	04/26/23 07:51	04/29/23 20:03	5
Lead	590		3.4	3.0	mg/Kg	☼	04/26/23 07:51	04/29/23 20:03	5
Magnesium	3400		340	38	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Manganese	750		1.0	0.19	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Nickel	53		2.8	0.35	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Potassium	1500		340	59	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Selenium	ND		0.69	0.32	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Silver	ND		0.34	0.072	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Sodium	48	J	340	35	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Thallium	1.2	J	6.9	0.98	mg/Kg	☼	04/26/23 07:51	04/29/23 20:03	5
Vanadium	20		3.4	0.55	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1
Zinc	180	B	1.4	1.0	mg/Kg	☼	04/26/23 07:51	04/28/23 16:35	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.083		0.039	0.025	mg/Kg	☼	04/21/23 11:30	04/24/23 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	18.5		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	81.5		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV41-0.17-0.75

Lab Sample ID: 180-154714-11
Date Collected: 04/06/23 15:20
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.4	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
2-Butanone (MEK)	ND		5.7	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Carbon disulfide	ND		5.7	4.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Chloroethane	ND		5.7	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Chloroform	ND		5.7	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Chloromethane	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1

Client Sample ID: SSHS-IRM5A2-SCV41-0.17-0.75

Date Collected: 04/06/23 15:20
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-11

Matrix: Solid
Percent Solids: 85.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Dichlorobromomethane	ND		5.7	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Dichlorodifluoromethane	ND	*+	5.7	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,2-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Methyl acetate	ND	*+	28	8.4	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Methylcyclohexane	ND		5.7	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Methylene Chloride	ND	*+	5.7	5.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Toluene	ND		5.7	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,2,3-Trichlorobenzene	ND		5.7	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Trichlorofluoromethane	ND		5.7	4.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1
Xylenes, Total	ND		11	8.2	ug/Kg	☼	04/17/23 07:00	04/17/23 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*60 - 124*	*04/17/23 07:00*	*04/17/23 13:34*	*1*
Dibromofluoromethane (Surr)	*124*		*69 - 126*	*04/17/23 07:00*	*04/17/23 13:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*140*	*S1+*	*73 - 135*	*04/17/23 07:00*	*04/17/23 13:34*	*1*
Toluene-d8 (Surr)	*105*		*67 - 134*	*04/17/23 07:00*	*04/17/23 13:34*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Acenaphthylene	ND		77	17	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Acetophenone	ND		770	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Anthracene	ND		77	20	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Atrazine	ND		770	170	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Benzaldehyde	ND		770	48	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV41-0.17-0.75
Date Collected: 04/06/23 15:20
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-11
Matrix: Solid
Percent Solids: 85.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		77	35	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Benzo[a]pyrene	ND		77	33	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Benzo[b]fluoranthene	**44**	**J**	77	19	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Benzo[g,h,i]perylene	ND		77	17	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Benzo[k]fluoranthene	ND		77	23	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Bis(2-chloroethyl)ether	ND		77	14	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Butyl benzyl phthalate	ND		380	260	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Carbazole	ND		77	18	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Chrysene	ND		77	43	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Di-n-butyl phthalate	ND		380	170	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
1,4-Dioxane	ND		770	120	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Fluoranthene	**34**	**J**	77	20	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Fluorene	**44**	**J**	77	15	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Hexachloroethane	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Indeno[1,2,3-cd]pyrene	ND		77	38	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Isophorone	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2-Methylnaphthalene	**24**	**J**	77	18	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Naphthalene	**21**	**J**	77	15	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2-Nitroaniline	ND		2000	170	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
3-Nitroaniline	ND		2000	97	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Nitrobenzene	ND		770	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV41-0.17-0.75
Date Collected: 04/06/23 15:20
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-11
Matrix: Solid
Percent Solids: 85.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Phenanthrene	**29**	**J**	77	21	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Phenol	ND		380	120	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
Pyrene	**44**	**J**	77	18	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*44 - 105*	*04/13/23 05:34*	*04/14/23 18:29*	*1*
2-Fluorophenol (Surr)	*98*		*48 - 105*	*04/13/23 05:34*	*04/14/23 18:29*	*1*
Nitrobenzene-d5 (Surr)	*95*		*46 - 105*	*04/13/23 05:34*	*04/14/23 18:29*	*1*
Phenol-d5 (Surr)	*79*		*46 - 105*	*04/13/23 05:34*	*04/14/23 18:29*	*1*
Terphenyl-d14 (Surr)	*89*		*39 - 105*	*04/13/23 05:34*	*04/14/23 18:29*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*34 - 108*	*04/13/23 05:34*	*04/14/23 18:29*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	04/10/23 17:06	04/11/23 23:56	1
PCB-1221	ND		19	6.9	ug/Kg	☼	04/10/23 17:06	04/11/23 23:56	1
PCB-1232	ND		19	4.7	ug/Kg	☼	04/10/23 17:06	04/11/23 23:56	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/10/23 17:06	04/11/23 23:56	1
PCB-1248	**57**		19	4.7	ug/Kg	☼	04/10/23 17:06	04/11/23 23:56	1
PCB-1254	**42**		19	5.8	ug/Kg	☼	04/10/23 17:06	04/11/23 23:56	1
PCB-1260	ND		19	5.5	ug/Kg	☼	04/10/23 17:06	04/11/23 23:56	1
PCB-1262	ND		19	6.8	ug/Kg	☼	04/10/23 17:06	04/11/23 23:56	1
PCB-1268	ND		19	2.6	ug/Kg	☼	04/10/23 17:06	04/11/23 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*101*		*63 - 138*	*04/10/23 17:06*	*04/11/23 23:56*	*1*
DCB Decachlorobiphenyl (Surr)	*96*		*63 - 138*	*04/10/23 17:06*	*04/11/23 23:56*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*55 - 135*	*04/10/23 17:06*	*04/11/23 23:56*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*55 - 135*	*04/10/23 17:06*	*04/11/23 23:56*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		14	3.4	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Antimony	**0.32**	**J**	0.68	0.21	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Arsenic	**8.3**		0.68	0.42	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Barium	**130**		14	2.4	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Beryllium	**0.66**		0.27	0.074	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Cadmium	**0.14**	**J**	0.34	0.050	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Calcium	**2900**		340	44	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Chromium	**18**		0.34	0.31	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1

Client Sample ID: SSHS-IRM5A2-SCV41-0.17-0.75

Lab Sample ID: 180-154714-11
Date Collected: 04/06/23 15:20
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11		3.4	0.48	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Copper	22		1.7	1.0	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Iron	23000	B	6.8	6.6	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Lead	41		0.68	0.59	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Magnesium	3300		340	37	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Manganese	610		1.0	0.19	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Nickel	26		2.7	0.34	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Potassium	1300		340	58	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Selenium	ND		0.68	0.31	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Silver	ND		0.34	0.070	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Sodium	40	J	340	35	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Thallium	1.1	J	1.4	0.19	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Vanadium	17		3.4	0.54	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1
Zinc	110	B	1.4	0.98	mg/Kg	☼	04/26/23 07:51	04/28/23 16:41	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.070		0.037	0.024	mg/Kg	☼	04/21/23 11:30	04/24/23 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	14.2		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	85.8		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV41-0.75-1.75

Lab Sample ID: 180-154714-12
Date Collected: 04/06/23 15:25
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.4	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
2-Butanone (MEK)	ND		5.7	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Carbon disulfide	ND		5.7	4.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Chloroethane	ND		5.7	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Chloroform	ND		5.7	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Chloromethane	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV41-0.75-1.75
Date Collected: 04/06/23 15:25
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-12
Matrix: Solid
Percent Solids: 85.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Dichlorobromomethane	ND		5.7	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Dichlorodifluoromethane	ND	*+	5.7	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,2-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Methyl acetate	ND	*+	28	8.4	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Methylcyclohexane	ND		5.7	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Methylene Chloride	ND	*+	5.7	5.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Toluene	ND		5.7	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,2,3-Trichlorobenzene	ND		5.7	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Trichlorofluoromethane	ND		5.7	4.7	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1
Xylenes, Total	ND		11	8.2	ug/Kg	☼	04/17/23 07:00	04/17/23 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*	*04/17/23 07:00*	*04/17/23 13:57*	*1*
Dibromofluoromethane (Surr)	*120*		*69 - 126*	*04/17/23 07:00*	*04/17/23 13:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*73 - 135*	*04/17/23 07:00*	*04/17/23 13:57*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/17/23 07:00*	*04/17/23 13:57*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Acenaphthylene	ND		79	17	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Acetophenone	ND		790	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Anthracene	**21**	**J**	79	20	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Atrazine	ND		790	170	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Benzaldehyde	ND		790	49	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Benzo[a]anthracene	**73**	**J**	79	35	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1

Client Sample ID: SSHS-IRM5A2-SCV41-0.75-1.75
Date Collected: 04/06/23 15:25
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-12
Matrix: Solid
Percent Solids: 85.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**88**		79	34	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Benzo[b]fluoranthene	**100**		79	19	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Benzo[g,h,i]perylene	**56**	**J**	79	17	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Benzo[k]fluoranthene	**36**	**J**	79	23	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Bis(2-chloroethyl)ether	ND		79	14	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Carbazole	ND		79	18	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2-Chlorophenol	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Chrysene	**81**		79	43	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Dibenz(a,h)anthracene	ND		79	50	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Dibenzofuran	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Dimethyl phthalate	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Di-n-butyl phthalate	ND		390	170	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
1,4-Dioxane	ND		790	120	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Fluoranthene	**100**		79	21	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Fluorene	ND		79	15	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Hexachlorocyclopentadiene	ND		390	40	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Indeno[1,2,3-cd]pyrene	**43**	**J**	79	39	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Isophorone	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2-Methylnaphthalene	ND		79	19	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Methylphenol, 3 & 4	ND		390	110	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Naphthalene	ND		79	15	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Nitrobenzene	ND		790	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2-Nitrophenol	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1

Client Sample ID: SSHS-IRM5A2-SCV41-0.75-1.75

Date Collected: 04/06/23 15:25
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-12

Matrix: Solid
Percent Solids: 85.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Phenanthrene	**49**	**J**	79	21	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Phenol	ND		390	120	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
Pyrene	**120**		79	19	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
1,2,4,5-Tetrachlorobenzene	ND		390	150	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/13/23 05:34	04/14/23 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*44 - 105*	*04/13/23 05:34*	*04/14/23 18:51*	*1*
2-Fluorophenol (Surr)	*76*		*48 - 105*	*04/13/23 05:34*	*04/14/23 18:51*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*	*04/13/23 05:34*	*04/14/23 18:51*	*1*
Phenol-d5 (Surr)	*62*		*46 - 105*	*04/13/23 05:34*	*04/14/23 18:51*	*1*
Terphenyl-d14 (Surr)	*72*		*39 - 105*	*04/13/23 05:34*	*04/14/23 18:51*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*34 - 108*	*04/13/23 05:34*	*04/14/23 18:51*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	04/10/23 17:06	04/12/23 00:15	1
PCB-1221	ND		19	6.8	ug/Kg	☼	04/10/23 17:06	04/12/23 00:15	1
PCB-1232	ND		19	4.7	ug/Kg	☼	04/10/23 17:06	04/12/23 00:15	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/10/23 17:06	04/12/23 00:15	1
PCB-1248	ND		19	4.6	ug/Kg	☼	04/10/23 17:06	04/12/23 00:15	1
PCB-1254	**12**	**J**	19	5.8	ug/Kg	☼	04/10/23 17:06	04/12/23 00:15	1
PCB-1260	ND		19	5.5	ug/Kg	☼	04/10/23 17:06	04/12/23 00:15	1
PCB-1262	ND		19	6.8	ug/Kg	☼	04/10/23 17:06	04/12/23 00:15	1
PCB-1268	ND		19	2.6	ug/Kg	☼	04/10/23 17:06	04/12/23 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*96*		*63 - 138*	*04/10/23 17:06*	*04/12/23 00:15*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*63 - 138*	*04/10/23 17:06*	*04/12/23 00:15*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*55 - 135*	*04/10/23 17:06*	*04/12/23 00:15*	*1*
Tetrachloro-m-xylene (Surr)	*98*		*55 - 135*	*04/10/23 17:06*	*04/12/23 00:15*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8400**		10	2.6	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Antimony	**2.0**		0.51	0.16	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Arsenic	**9.6**		2.6	1.6	mg/Kg	☼	04/26/23 07:51	04/29/23 20:08	5
Barium	**91**		10	1.8	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Beryllium	**0.52**		0.21	0.056	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Cadmium	**0.50**	**J**	1.3	0.19	mg/Kg	☼	04/26/23 07:51	04/29/23 20:08	5
Calcium	**10000**		260	33	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Chromium	**11**		0.26	0.23	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Cobalt	**8.5**		2.6	0.36	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1

Client Sample ID: SSHS-IRM5A2-SCV41-0.75-1.75

Lab Sample ID: 180-154714-12
Date Collected: 04/06/23 15:25
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 85.2

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	66		1.3	0.78	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Iron	27000	B	26	25	mg/Kg	☼	04/26/23 07:51	04/29/23 20:08	5
Lead	420		2.6	2.2	mg/Kg	☼	04/26/23 07:51	04/29/23 20:08	5
Magnesium	1900		260	28	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Manganese	500		0.77	0.14	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Nickel	22		2.1	0.26	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Potassium	470		260	44	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Selenium	0.40	J	0.51	0.24	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Silver	ND		0.26	0.054	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Sodium	140	J	260	26	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Thallium	0.94	J	5.1	0.73	mg/Kg	☼	04/26/23 07:51	04/29/23 20:08	5
Vanadium	15		2.6	0.41	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1
Zinc	420	B	1.0	0.75	mg/Kg	☼	04/26/23 07:51	04/28/23 16:46	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.53		0.038	0.024	mg/Kg	☼	04/21/23 11:30	04/24/23 12:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	14.8		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	85.2		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV42-0-0.50

Lab Sample ID: 180-154714-13
Date Collected: 04/06/23 15:30
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 86.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Benzene	ND		5.5	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
2-Butanone (MEK)	ND		5.5	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,2-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,4-Dichlorobenzene	ND		5.5	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1

Client Sample ID: SSHS-IRM5A2-SCV42-0-0.50
Date Collected: 04/06/23 15:30
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-13
Matrix: Solid
Percent Solids: 86.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Dichlorodifluoromethane	ND	*+	5.5	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Isopropylbenzene	ND		5.5	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Methyl acetate	ND	*+	27	8.1	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Methylcyclohexane	ND		5.5	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Methylene Chloride	ND	*+	5.5	5.0	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
m-Xylene & p-Xylene	ND		5.5	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Styrene	ND		5.5	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Trichlorofluoromethane	ND		5.5	4.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Vinyl chloride	ND		5.5	4.0	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1
Xylenes, Total	ND		11	7.9	ug/Kg	☼	04/17/23 07:00	04/17/23 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*60 - 124*	*04/17/23 07:00*	*04/17/23 14:19*	*1*
Dibromofluoromethane (Surr)	*113*		*69 - 126*	*04/17/23 07:00*	*04/17/23 14:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*73 - 135*	*04/17/23 07:00*	*04/17/23 14:19*	*1*
Toluene-d8 (Surr)	*96*		*67 - 134*	*04/17/23 07:00*	*04/17/23 14:19*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Acenaphthylene	**95**		77	17	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Acetophenone	ND		770	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Anthracene	**54**	**J**	77	20	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Atrazine	ND		770	170	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Benzaldehyde	ND		770	47	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Benzo[a]anthracene	**140**		77	34	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Benzo[a]pyrene	**150**		77	33	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1

Client Sample ID: SSHS-IRM5A2-SCV42-0-0.50
Date Collected: 04/06/23 15:30
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-13
Matrix: Solid
Percent Solids: 86.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**240**		77	19	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Benzo[g,h,i]perylene	**120**		77	16	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Benzo[k]fluoranthene	**49**	**J**	77	23	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Bis(2-chloroethyl)ether	ND		77	14	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Butyl benzyl phthalate	ND		380	260	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Caprolactam	ND		1900	250	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Carbazole	**21**	**J**	77	18	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2-Chloronaphthalene	ND		77	17	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Chrysene	**220**		77	42	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2,4-Dichlorophenol	ND		77	29	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Di-n-butyl phthalate	ND		380	170	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
4,6-Dinitro-2-methylphenol	ND		1900	660	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
1,4-Dioxane	ND		770	120	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Fluoranthene	**190**		77	20	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Fluorene	ND		77	15	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Hexachloroethane	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Indeno[1,2,3-cd]pyrene	**110**		77	38	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Isophorone	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2-Methylnaphthalene	**120**		77	18	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Naphthalene	**77**		77	15	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
3-Nitroaniline	ND		1900	97	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Nitrobenzene	ND		770	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1

Client Sample ID: SSHS-IRM5A2-SCV42-0-0.50

Date Collected: 04/06/23 15:30
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-13

Matrix: Solid
Percent Solids: 86.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Phenanthrene	**180**		77	20	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Phenol	ND		380	120	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
Pyrene	**220**		77	18	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*56*		*44 - 105*	*04/13/23 05:34*	*04/14/23 19:13*	*1*
2-Fluorophenol (Surr)	*68*		*48 - 105*	*04/13/23 05:34*	*04/14/23 19:13*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*	*04/13/23 05:34*	*04/14/23 19:13*	*1*
Phenol-d5 (Surr)	*53*		*46 - 105*	*04/13/23 05:34*	*04/14/23 19:13*	*1*
Terphenyl-d14 (Surr)	*67*		*39 - 105*	*04/13/23 05:34*	*04/14/23 19:13*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*34 - 108*	*04/13/23 05:34*	*04/14/23 19:13*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	04/10/23 17:06	04/12/23 00:34	1
PCB-1221	ND		19	6.7	ug/Kg	☼	04/10/23 17:06	04/12/23 00:34	1
PCB-1232	ND		19	4.6	ug/Kg	☼	04/10/23 17:06	04/12/23 00:34	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/10/23 17:06	04/12/23 00:34	1
PCB-1248	ND		19	4.5	ug/Kg	☼	04/10/23 17:06	04/12/23 00:34	1
PCB-1254	**30**		19	5.6	ug/Kg	☼	04/10/23 17:06	04/12/23 00:34	1
PCB-1260	ND		19	5.3	ug/Kg	☼	04/10/23 17:06	04/12/23 00:34	1
PCB-1262	ND		19	6.6	ug/Kg	☼	04/10/23 17:06	04/12/23 00:34	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/10/23 17:06	04/12/23 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*111*		*63 - 138*	*04/10/23 17:06*	*04/12/23 00:34*	*1*
DCB Decachlorobiphenyl (Surr)	*115*		*63 - 138*	*04/10/23 17:06*	*04/12/23 00:34*	*1*
Tetrachloro-m-xylene (Surr)	*113*		*55 - 135*	*04/10/23 17:06*	*04/12/23 00:34*	*1*
Tetrachloro-m-xylene (Surr)	*119*		*55 - 135*	*04/10/23 17:06*	*04/12/23 00:34*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5200**		21	5.1	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Antimony	**5.0**		1.0	0.31	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Arsenic	**13**		10	6.4	mg/Kg	☼	04/26/23 07:51	04/29/23 20:13	10
Barium	**87**		21	3.7	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Beryllium	**0.38**	**J**	0.41	0.11	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Cadmium	ND		5.1	0.75	mg/Kg	☼	04/26/23 07:51	04/29/23 20:13	10
Calcium	**1600**		510	66	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Chromium	**56**		0.51	0.47	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Cobalt	**13**		5.1	0.72	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Copper	**390**		2.6	1.6	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1

Client Sample ID: SSHS-IRM5A2-SCV42-0-0.50
Lab Sample ID: 180-154714-13
Date Collected: 04/06/23 15:30
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 86.9

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	400000	B	100	100	mg/Kg	☼	04/26/23 07:51	04/29/23 20:13	10
Lead	56		10	8.9	mg/Kg	☼	04/26/23 07:51	04/29/23 20:13	10
Magnesium	850		510	56	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Manganese	820		1.5	0.29	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Nickel	120		4.1	0.52	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Potassium	630		510	87	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Selenium	ND		1.0	0.47	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Silver	0.22	J	0.51	0.11	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Sodium	180	J	510	53	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Thallium	ND		21	2.9	mg/Kg	☼	04/26/23 07:51	04/29/23 20:13	10
Vanadium	22		5.1	0.81	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1
Zinc	160	B	2.1	1.5	mg/Kg	☼	04/26/23 07:51	04/28/23 16:51	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.037	0.024	mg/Kg	☼	04/21/23 11:30	04/24/23 12:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	13.1		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	86.9		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV42-0.50-1.50
Lab Sample ID: 180-154714-14
Date Collected: 04/06/23 15:35
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 89.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.2	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Benzene	ND		5.4	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Bromoform	ND		5.4	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Bromomethane	ND		5.4	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
2-Butanone (MEK)	ND		5.4	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Carbon disulfide	ND		5.4	4.3	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Carbon tetrachloride	ND		5.4	2.2	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Chlorobenzene	ND		5.4	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Chlorobromomethane	ND		5.4	3.2	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Chlorodibromomethane	ND		5.4	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Chloroethane	ND		5.4	3.1	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Chloroform	ND		5.4	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Chloromethane	ND		5.4	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
cis-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Cyclohexane	ND		5.4	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,2-Dibromo-3-Chloropropane	ND		5.4	3.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,2-Dibromoethane	ND		5.4	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,2-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,3-Dichlorobenzene	ND		5.4	3.3	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,4-Dichlorobenzene	ND		5.4	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Dichlorobromomethane	ND		5.4	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1

Client Sample ID: SSHS-IRM5A2-SCV42-0.50-1.50
Date Collected: 04/06/23 15:35
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-14
Matrix: Solid
Percent Solids: 89.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		5.4	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,1-Dichloroethane	ND		5.4	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,2-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,1-Dichloroethene	ND		5.4	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,2-Dichloropropane	ND		5.4	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Ethylbenzene	ND		5.4	2.0	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
2-Hexanone	ND		5.4	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Isopropylbenzene	ND		5.4	2.8	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Methyl acetate	ND	*+	27	7.9	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Methylcyclohexane	ND		5.4	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Methylene Chloride	ND		5.4	4.8	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.4	2.0	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Methyl tert-butyl ether	ND		5.4	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
m-Xylene & p-Xylene	ND		5.4	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
o-Xylene	ND		5.4	2.2	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Styrene	ND		5.4	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Tetrachloroethene	ND		5.4	2.2	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Toluene	ND		5.4	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
trans-1,2-Dichloroethene	ND		5.4	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,2,3-Trichlorobenzene	ND		5.4	3.0	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,1,1-Trichloroethane	ND		5.4	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,1,2-Trichloroethane	ND		5.4	1.1	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Trichloroethene	ND		5.4	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Trichlorofluoromethane	ND		5.4	4.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Vinyl chloride	ND		5.4	3.9	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1
Xylenes, Total	ND		11	7.7	ug/Kg	☼	04/14/23 07:20	04/14/23 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*60 - 124*	*04/14/23 07:20*	*04/14/23 12:44*	*1*
Dibromofluoromethane (Surr)	*120*		*69 - 126*	*04/14/23 07:20*	*04/14/23 12:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*		*73 - 135*	*04/14/23 07:20*	*04/14/23 12:44*	*1*
Toluene-d8 (Surr)	*102*		*67 - 134*	*04/14/23 07:20*	*04/14/23 12:44*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**48**	**J**	75	22	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Acenaphthylene	**40**	**J**	75	16	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Acetophenone	ND		750	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Anthracene	**360**		75	19	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Atrazine	ND		750	160	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Benzaldehyde	ND		750	47	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Benzo[a]anthracene	**54**	**J**	75	34	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Benzo[a]pyrene	**35**	**J**	75	32	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Benzo[b]fluoranthene	**98**		75	18	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1

Client Sample ID: SSHS-IRM5A2-SCV42-0.50-1.50
Date Collected: 04/06/23 15:35
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-14
Matrix: Solid
Percent Solids: 89.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**41**	**J**	75	16	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Benzo[k]fluoranthene	**33**	**J**	75	22	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Bis(2-chloroethyl)ether	ND		75	14	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Butyl benzyl phthalate	ND		370	260	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Carbazole	ND		75	18	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Chrysene	**78**		75	42	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Dibenzofuran	ND		370	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Dimethyl phthalate	ND		370	150	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Di-n-butyl phthalate	ND		370	160	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
1,4-Dioxane	ND		750	120	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Fluoranthene	**67**	**J**	75	20	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Fluorene	**52**	**J**	75	15	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Hexachlorocyclopentadiene	ND		370	38	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Hexachloroethane	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Indeno[1,2,3-cd]pyrene	**40**	**J**	75	37	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Isophorone	ND		370	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2-Methylnaphthalene	**890**		75	18	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2-Methylphenol	ND		370	110	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Naphthalene	**350**		75	15	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Nitrobenzene	ND		750	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1

Client Sample ID: SSHS-IRM5A2-SCV42-0.50-1.50
Date Collected: 04/06/23 15:35
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-14
Matrix: Solid
Percent Solids: 89.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Phenanthrene	**210**		75	20	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Phenol	ND		370	110	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
Pyrene	**83**		75	18	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	04/13/23 05:34	04/14/23 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*44 - 105*	*04/13/23 05:34*	*04/14/23 19:35*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*04/13/23 05:34*	*04/14/23 19:35*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*04/13/23 05:34*	*04/14/23 19:35*	*1*
Phenol-d5 (Surr)	*58*		*46 - 105*	*04/13/23 05:34*	*04/14/23 19:35*	*1*
Terphenyl-d14 (Surr)	*56*		*39 - 105*	*04/13/23 05:34*	*04/14/23 19:35*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*34 - 108*	*04/13/23 05:34*	*04/14/23 19:35*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	04/10/23 17:06	04/12/23 00:52	1
PCB-1221	ND		19	6.6	ug/Kg	☼	04/10/23 17:06	04/12/23 00:52	1
PCB-1232	ND		19	4.6	ug/Kg	☼	04/10/23 17:06	04/12/23 00:52	1
PCB-1242	ND		19	2.7	ug/Kg	☼	04/10/23 17:06	04/12/23 00:52	1
PCB-1248	ND		19	4.5	ug/Kg	☼	04/10/23 17:06	04/12/23 00:52	1
PCB-1254	ND		19	5.6	ug/Kg	☼	04/10/23 17:06	04/12/23 00:52	1
PCB-1260	ND		19	5.3	ug/Kg	☼	04/10/23 17:06	04/12/23 00:52	1
PCB-1262	ND		19	6.6	ug/Kg	☼	04/10/23 17:06	04/12/23 00:52	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/10/23 17:06	04/12/23 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*102*		*63 - 138*	*04/10/23 17:06*	*04/12/23 00:52*	*1*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*	*04/10/23 17:06*	*04/12/23 00:52*	*1*
Tetrachloro-m-xylene (Surr)	*110*		*55 - 135*	*04/10/23 17:06*	*04/12/23 00:52*	*1*
Tetrachloro-m-xylene (Surr)	*110*		*55 - 135*	*04/10/23 17:06*	*04/12/23 00:52*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8100**		12	3.1	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Antimony	ND		0.62	0.19	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Arsenic	**7.6**		0.62	0.39	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Barium	**90**		12	2.2	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Beryllium	**0.47**		0.25	0.068	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Cadmium	ND		0.31	0.046	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Calcium	**1500**		310	40	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Chromium	**11**		0.31	0.28	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Cobalt	**7.0**		3.1	0.44	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Copper	**37**		1.6	0.94	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Iron	**19000**	**B**	6.2	6.1	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1

Client Sample ID: SSHS-IRM5A2-SCV42-0.50-1.50

Lab Sample ID: 180-154714-14
Date Collected: 04/06/23 15:35
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 89.0

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	28		0.62	0.54	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Magnesium	2000		310	34	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Manganese	350		0.94	0.17	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Nickel	17		2.5	0.31	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Potassium	640		310	53	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Selenium	0.42	J	0.62	0.29	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Silver	ND		0.31	0.065	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Sodium	40	J	310	32	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Thallium	0.70	J	1.2	0.18	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Vanadium	13		3.1	0.49	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1
Zinc	68	B	1.2	0.90	mg/Kg	☼	04/26/23 07:51	04/28/23 16:56	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.61		0.036	0.023	mg/Kg	☼	04/21/23 11:30	04/24/23 12:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	11.0		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	89.0		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP15

Lab Sample ID: 180-154714-15
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 91.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.1	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Benzene	ND		5.3	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Bromoform	ND		5.3	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Bromomethane	ND		5.3	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
2-Butanone (MEK)	ND		5.3	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Carbon disulfide	ND		5.3	4.2	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Carbon tetrachloride	ND		5.3	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Chlorobenzene	ND		5.3	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Chlorobromomethane	ND		5.3	3.2	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Chlorodibromomethane	ND		5.3	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Chloroethane	ND		5.3	3.1	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Chloroform	ND		5.3	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Chloromethane	ND		5.3	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
cis-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Cyclohexane	ND		5.3	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,2-Dibromo-3-Chloropropane	ND		5.3	3.4	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,2-Dibromoethane	ND		5.3	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,2-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,3-Dichlorobenzene	ND		5.3	3.2	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,4-Dichlorobenzene	ND		5.3	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Dichlorobromomethane	ND		5.3	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Dichlorodifluoromethane	ND		5.3	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP15
Date Collected: 04/06/23 00:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-15
Matrix: Solid
Percent Solids: 91.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		5.3	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,2-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,1-Dichloroethene	ND		5.3	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,2-Dichloroethene, Total	ND		11	4.3	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,2-Dichloropropane	ND		5.3	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,4-Dioxane	ND		1100	37	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Ethylbenzene	ND		5.3	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
2-Hexanone	ND		5.3	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Isopropylbenzene	ND		5.3	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Methyl acetate	ND	*+	26	7.7	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Methylcyclohexane	ND		5.3	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Methylene Chloride	ND		5.3	4.7	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Methyl tert-butyl ether	ND		5.3	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
m-Xylene & p-Xylene	ND		5.3	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
o-Xylene	ND		5.3	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Styrene	ND		5.3	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Tetrachloroethene	ND		5.3	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Toluene	ND		5.3	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
trans-1,2-Dichloroethene	ND		5.3	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
trans-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,2,3-Trichlorobenzene	ND		5.3	2.9	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,1,1-Trichloroethane	ND		5.3	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,1,2-Trichloroethane	ND		5.3	1.0	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Trichloroethene	ND		5.3	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Trichlorofluoromethane	ND		5.3	4.4	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Vinyl chloride	ND		5.3	3.8	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1
Xylenes, Total	ND		11	7.6	ug/Kg	☼	04/14/23 07:20	04/14/23 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*60 - 124*	*04/14/23 07:20*	*04/14/23 13:07*	*1*
Dibromofluoromethane (Surr)	*118*		*69 - 126*	*04/14/23 07:20*	*04/14/23 13:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*136*	*S1+*	*73 - 135*	*04/14/23 07:20*	*04/14/23 13:07*	*1*
Toluene-d8 (Surr)	*101*		*67 - 134*	*04/14/23 07:20*	*04/14/23 13:07*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**33**	**J**	72	21	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Acenaphthylene	**32**	**J**	72	16	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Acetophenone	ND		720	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Anthracene	**320**		72	19	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Atrazine	ND		720	160	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Benzaldehyde	ND		720	45	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Benzo[a]anthracene	**41**	**J**	72	32	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Benzo[a]pyrene	ND		72	31	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Benzo[b]fluoranthene	**70**	**J**	72	18	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Benzo[g,h,i]perylene	**45**	**J**	72	16	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV-DUP15
Date Collected: 04/06/23 00:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-15
Matrix: Solid
Percent Solids: 91.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	**25**	**J**	72	22	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Bis(2-chloroethyl)ether	ND		72	13	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Bis(2-ethylhexyl) phthalate	ND		3600	380	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
4-Bromophenyl phenyl ether	ND		360	150	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Carbazole	ND		72	17	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
4-Chloroaniline	ND		360	94	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2-Chloronaphthalene	ND		72	16	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Chrysene	**58**	**J**	72	40	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Dibenz(a,h)anthracene	ND		72	46	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Dibenzofuran	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2,4-Dichlorophenol	ND		72	28	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Dimethyl phthalate	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Di-n-butyl phthalate	**160**	**J**	360	160	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
4,6-Dinitro-2-methylphenol	ND		1800	620	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2,4-Dinitrophenol	ND		3600	2200	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2,4-Dinitrotoluene	ND		360	210	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
1,4-Dioxane	ND		720	110	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Fluoranthene	**65**	**J**	72	19	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Fluorene	**39**	**J**	72	14	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Hexachlorobenzene	ND		72	26	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Hexachlorobutadiene	ND		72	21	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Hexachlorocyclopentadiene	ND		360	37	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Indeno[1,2,3-cd]pyrene	**40**	**J**	72	36	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Isophorone	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2-Methylnaphthalene	**620**		72	17	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2-Methylphenol	ND		360	100	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Naphthalene	**290**		72	14	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
3-Nitroaniline	ND		1800	91	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Nitrobenzene	ND		720	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
N-Nitrosodi-n-propylamine	ND		72	24	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP15
Date Collected: 04/06/23 00:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-15
Matrix: Solid
Percent Solids: 91.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		72	27	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Pentachlorophenol	ND		1800	580	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Phenanthrene	**160**		72	19	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Phenol	ND		360	110	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
Pyrene	**87**		72	17	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/15/23 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*04/13/23 05:34*	*04/15/23 15:37*	*1*
2-Fluorophenol (Surr)	*81*		*48 - 105*	*04/13/23 05:34*	*04/15/23 15:37*	*1*
Nitrobenzene-d5 (Surr)	*86*		*46 - 105*	*04/13/23 05:34*	*04/15/23 15:37*	*1*
Phenol-d5 (Surr)	*85*		*46 - 105*	*04/13/23 05:34*	*04/15/23 15:37*	*1*
Terphenyl-d14 (Surr)	*82*		*39 - 105*	*04/13/23 05:34*	*04/15/23 15:37*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*34 - 108*	*04/13/23 05:34*	*04/15/23 15:37*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	04/10/23 17:06	04/12/23 01:11	1
PCB-1221	ND		18	6.3	ug/Kg	☼	04/10/23 17:06	04/12/23 01:11	1
PCB-1232	ND		18	4.3	ug/Kg	☼	04/10/23 17:06	04/12/23 01:11	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/10/23 17:06	04/12/23 01:11	1
PCB-1248	ND		18	4.3	ug/Kg	☼	04/10/23 17:06	04/12/23 01:11	1
PCB-1254	ND		18	5.4	ug/Kg	☼	04/10/23 17:06	04/12/23 01:11	1
PCB-1260	ND		18	5.1	ug/Kg	☼	04/10/23 17:06	04/12/23 01:11	1
PCB-1262	ND		18	6.3	ug/Kg	☼	04/10/23 17:06	04/12/23 01:11	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/10/23 17:06	04/12/23 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/10/23 17:06*	*04/12/23 01:11*	*1*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/10/23 17:06*	*04/12/23 01:11*	*1*
Tetrachloro-m-xylene (Surr)	*103*		*55 - 135*	*04/10/23 17:06*	*04/12/23 01:11*	*1*
Tetrachloro-m-xylene (Surr)	*104*		*55 - 135*	*04/10/23 17:06*	*04/12/23 01:11*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6000**		12	3.1	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Antimony	**0.20**	**J**	0.62	0.19	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Arsenic	**6.5**		0.62	0.39	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Barium	**50**		12	2.2	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Beryllium	**0.38**		0.25	0.068	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Cadmium	ND		0.31	0.046	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Calcium	**980**		310	40	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Chromium	**8.2**		0.31	0.28	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Cobalt	**5.7**		3.1	0.44	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Copper	**24**		1.6	0.94	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Iron	**19000**	**B**	6.2	6.1	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Lead	**18**		0.62	0.54	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP15

Lab Sample ID: 180-154714-15
Date Collected: 04/06/23 00:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 91.0

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	1600		310	34	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Manganese	260		0.94	0.17	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Nickel	13		2.5	0.31	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Potassium	340		310	53	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Selenium	0.45	J	0.62	0.29	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Silver	ND		0.31	0.065	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Sodium	ND		310	32	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Thallium	0.65	J	1.2	0.18	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Vanadium	13		3.1	0.49	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1
Zinc	47	B	1.2	0.91	mg/Kg	☼	04/26/23 07:51	04/28/23 17:01	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.86		0.032	0.021	mg/Kg	☼	04/21/23 11:30	04/24/23 12:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	9.0		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	91.0		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17

Lab Sample ID: 180-154714-16
Date Collected: 04/06/23 15:40
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 97.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Benzene	ND		5.0	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Bromoform	ND		5.0	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Bromomethane	ND		5.0	2.3	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Carbon disulfide	ND		5.0	4.0	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Chlorobenzene	ND		5.0	1.3	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Chloroethane	ND		5.0	2.9	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Chloroform	ND		5.0	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Chloromethane	ND		5.0	2.0	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Cyclohexane	ND		5.0	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Dichlorodifluoromethane	ND	F1	5.0	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Date Collected: 04/06/23 15:40
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-16
Matrix: Solid
Percent Solids: 97.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,4-Dioxane	ND		1000	35	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Ethylbenzene	ND		5.0	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
2-Hexanone	ND		5.0	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Methyl acetate	ND	*+ F1	25	7.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Methylene Chloride	ND		5.0	4.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
o-Xylene	ND		5.0	2.0	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Styrene	ND		5.0	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Toluene	ND		5.0	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Trichloroethene	ND		5.0	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Vinyl chloride	ND		5.0	3.6	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1
Xylenes, Total	ND		10	7.2	ug/Kg	☼	04/14/23 07:20	04/14/23 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*60 - 124*	*04/14/23 07:20*	*04/14/23 12:21*	*1*
Dibromofluoromethane (Surr)	*112*		*69 - 126*	*04/14/23 07:20*	*04/14/23 12:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*73 - 135*	*04/14/23 07:20*	*04/14/23 12:21*	*1*
Toluene-d8 (Surr)	*94*		*67 - 134*	*04/14/23 07:20*	*04/14/23 12:21*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		66	19	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Acenaphthylene	**92**		66	14	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Acetophenone	ND		660	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Anthracene	**340**		66	17	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Atrazine	ND		660	140	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Benzaldehyde	ND		660	41	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Benzo[a]anthracene	**130**		66	30	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Benzo[a]pyrene	**120**		66	29	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Benzo[b]fluoranthene	**220**	**F2**	66	16	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Benzo[g,h,i]perylene	**95**		66	14	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Benzo[k]fluoranthene	**73**	**F2**	66	20	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Date Collected: 04/06/23 15:40
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-16
Matrix: Solid
Percent Solids: 97.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		330	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Bis(2-chloroethyl)ether	ND		66	12	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Bis(2-ethylhexyl) phthalate	ND		3300	350	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Butyl benzyl phthalate	ND		330	230	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Caprolactam	ND		1700	220	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Carbazole	**19**	**J**	66	15	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
4-Chloroaniline	ND		330	87	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2-Chloronaphthalene	ND		66	15	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2-Chlorophenol	ND		330	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Chrysene	**140**		66	37	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Dibenz(a,h)anthracene	ND		66	42	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Dibenzofuran	ND		330	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2,4-Dichlorophenol	ND		66	25	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Diethyl phthalate	ND		330	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2,4-Dimethylphenol	ND		330	110	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Dimethyl phthalate	ND		330	130	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Di-n-butyl phthalate	ND		330	140	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
4,6-Dinitro-2-methylphenol	ND		1700	570	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Di-n-octyl phthalate	ND	F1 F2	330	190	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
1,4-Dioxane	ND		660	100	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Fluoranthene	**140**		66	17	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Fluorene	**21**	**J**	66	13	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Hexachlorobenzene	ND		66	24	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Hexachlorobutadiene	ND		66	19	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Hexachlorocyclopentadiene	ND		330	34	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Hexachloroethane	ND		330	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Indeno[1,2,3-cd]pyrene	**74**		66	33	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Isophorone	ND		330	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2-Methylnaphthalene	**86**		66	16	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2-Methylphenol	ND		330	95	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Methylphenol, 3 & 4	ND		330	97	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Naphthalene	**66**		66	13	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2-Nitroaniline	ND		1700	150	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
3-Nitroaniline	ND		1700	84	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
4-Nitroaniline	ND		1700	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Nitrobenzene	ND		660	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2-Nitrophenol	ND		330	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
4-Nitrophenol	ND		1700	230	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
N-Nitrosodi-n-propylamine	ND		66	22	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2,2'-oxybis[1-chloropropane]	ND		66	24	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Date Collected: 04/06/23 15:40
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-16
Matrix: Solid
Percent Solids: 97.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		1700	530	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Phenanthrene	**76**		66	18	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Phenol	ND		330	100	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
Pyrene	**190**		66	16	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg	☼	04/13/23 05:34	04/14/23 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*04/13/23 05:34*	*04/14/23 14:03*	*1*
2-Fluorophenol (Surr)	*81*		*48 - 105*	*04/13/23 05:34*	*04/14/23 14:03*	*1*
Nitrobenzene-d5 (Surr)	*86*		*46 - 105*	*04/13/23 05:34*	*04/14/23 14:03*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*04/13/23 05:34*	*04/14/23 14:03*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*04/13/23 05:34*	*04/14/23 14:03*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*34 - 108*	*04/13/23 05:34*	*04/14/23 14:03*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.6	ug/Kg	☼	04/10/23 17:06	04/11/23 22:04	1
PCB-1221	ND		17	6.0	ug/Kg	☼	04/10/23 17:06	04/11/23 22:04	1
PCB-1232	ND		17	4.2	ug/Kg	☼	04/10/23 17:06	04/11/23 22:04	1
PCB-1242	ND		17	2.5	ug/Kg	☼	04/10/23 17:06	04/11/23 22:04	1
PCB-1248	**30**		17	4.1	ug/Kg	☼	04/10/23 17:06	04/11/23 22:04	1
PCB-1254	**21**		17	5.1	ug/Kg	☼	04/10/23 17:06	04/11/23 22:04	1
PCB-1260	ND		17	4.9	ug/Kg	☼	04/10/23 17:06	04/11/23 22:04	1
PCB-1262	ND		17	6.0	ug/Kg	☼	04/10/23 17:06	04/11/23 22:04	1
PCB-1268	ND		17	2.3	ug/Kg	☼	04/10/23 17:06	04/11/23 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*103*		*63 - 138*	*04/10/23 17:06*	*04/11/23 22:04*	*1*
DCB Decachlorobiphenyl (Surr)	*104*		*63 - 138*	*04/10/23 17:06*	*04/11/23 22:04*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*55 - 135*	*04/10/23 17:06*	*04/11/23 22:04*	*1*
Tetrachloro-m-xylene (Surr)	*108*		*55 - 135*	*04/10/23 17:06*	*04/11/23 22:04*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7700**		14	3.6	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Antimony	ND	F1	0.67	0.20	mg/Kg	☼	04/26/23 07:47	04/27/23 10:12	1
Arsenic	**7.2**	**F1**	0.67	0.42	mg/Kg	☼	04/26/23 07:47	04/27/23 10:12	1
Barium	**63**	**F1**	14	2.5	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Beryllium	**0.56**	**F2**	0.28	0.078	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Cadmium	**0.81**	**J F2**	1.8	0.26	mg/Kg	☼	04/11/23 11:57	04/26/23 15:34	5
Calcium	**3800**	**F1**	360	46	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Chromium	**9.4**	**F2**	0.36	0.32	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Cobalt	**7.1**	**F1**	3.6	0.50	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Copper	**46**	**F1**	1.8	1.1	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Iron	**20000**		36	35	mg/Kg	☼	04/11/23 11:57	04/26/23 15:34	5
Lead	**34**	**F2 F1**	3.6	3.1	mg/Kg	☼	04/11/23 11:57	04/26/23 15:34	5
Magnesium	**2400**	**F1**	360	39	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17

Lab Sample ID: 180-154714-16

Date Collected: 04/06/23 15:40
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 97.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	360		1.1	0.20	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Nickel	28		2.8	0.36	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Potassium	640	F1	330	57	mg/Kg	☼	04/26/23 07:47	04/27/23 10:12	1
Selenium	ND	F2	0.71	0.33	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Silver	0.16	J F2	0.36	0.074	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Sodium	ND	F2	360	36	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Thallium	ND	F2	7.1	1.0	mg/Kg	☼	04/11/23 11:57	04/26/23 15:34	5
Vanadium	11	F2	3.6	0.56	mg/Kg	☼	04/11/23 11:57	04/25/23 16:43	1
Zinc	140	B	1.3	0.97	mg/Kg	☼	04/26/23 07:47	04/27/23 10:12	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.96		0.032	0.020	mg/Kg	☼	04/27/23 08:15	04/28/23 11:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	2.4		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	97.6		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV43-0.17-0.75

Lab Sample ID: 180-154714-17

Date Collected: 04/06/23 15:45
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 94.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.1	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Benzene	ND		5.3	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Bromoform	ND		5.3	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Bromomethane	ND		5.3	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
2-Butanone (MEK)	ND		5.3	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Carbon disulfide	ND		5.3	4.2	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Carbon tetrachloride	ND		5.3	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Chlorobenzene	ND		5.3	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Chlorobromomethane	ND		5.3	3.2	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Chlorodibromomethane	ND		5.3	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Chloroethane	ND		5.3	3.1	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Chloroform	ND		5.3	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Chloromethane	ND		5.3	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
cis-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Cyclohexane	ND		5.3	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,2-Dibromo-3-Chloropropane	ND		5.3	3.4	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,2-Dibromoethane	ND		5.3	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,2-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,3-Dichlorobenzene	ND		5.3	3.2	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,4-Dichlorobenzene	ND		5.3	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Dichlorobromomethane	ND		5.3	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Dichlorodifluoromethane	ND		5.3	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,1-Dichloroethane	ND		5.3	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,2-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1

Client Sample ID: SSHS-IRM5A2-SCV43-0.17-0.75

Date Collected: 04/06/23 15:45
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-17

Matrix: Solid
Percent Solids: 94.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.3	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,2-Dichloroethene, Total	ND		11	4.3	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,2-Dichloropropane	ND		5.3	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,4-Dioxane	ND		1100	37	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Ethylbenzene	ND		5.3	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
2-Hexanone	ND		5.3	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Isopropylbenzene	ND		5.3	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Methyl acetate	ND	*+	26	7.7	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Methylcyclohexane	ND		5.3	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Methylene Chloride	ND		5.3	4.7	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Methyl tert-butyl ether	ND		5.3	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
m-Xylene & p-Xylene	ND		5.3	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
o-Xylene	ND		5.3	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Styrene	ND		5.3	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Tetrachloroethene	ND		5.3	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Toluene	ND		5.3	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
trans-1,2-Dichloroethene	ND		5.3	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
trans-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,2,3-Trichlorobenzene	ND		5.3	2.9	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,1,1-Trichloroethane	ND		5.3	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,1,2-Trichloroethane	ND		5.3	1.0	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Trichloroethene	ND		5.3	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Trichlorofluoromethane	ND		5.3	4.4	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Vinyl chloride	ND		5.3	3.8	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1
Xylenes, Total	ND		11	7.6	ug/Kg	☼	04/14/23 07:20	04/14/23 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*	*04/14/23 07:20*	*04/14/23 20:34*	*1*
Dibromofluoromethane (Surr)	*108*		*69 - 126*	*04/14/23 07:20*	*04/14/23 20:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*73 - 135*	*04/14/23 07:20*	*04/14/23 20:34*	*1*
Toluene-d8 (Surr)	*108*		*67 - 134*	*04/14/23 07:20*	*04/14/23 20:34*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		70	20	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Acenaphthylene	ND		70	15	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Acetophenone	ND		700	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Anthracene	**23**	**J**	70	18	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Atrazine	ND		700	150	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Benzaldehyde	ND		700	43	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Benzo[a]anthracene	ND		70	32	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Benzo[a]pyrene	**30**	**J**	70	30	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Benzo[b]fluoranthene	**45**	**J**	70	17	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Benzo[g,h,i]perylene	**22**	**J**	70	15	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Benzo[k]fluoranthene	ND		70	21	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
1,1'-Biphenyl	ND		350	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1

Client Sample ID: SSHS-IRM5A2-SCV43-0.17-0.75
Date Collected: 04/06/23 15:45
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-17
Matrix: Solid
Percent Solids: 94.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		350	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Bis(2-chloroethyl)ether	ND		70	13	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Bis(2-ethylhexyl) phthalate	ND		3500	370	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
4-Bromophenyl phenyl ether	ND		350	150	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Butyl benzyl phthalate	ND		350	240	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Carbazole	ND		70	16	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
4-Chloroaniline	ND		350	92	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
4-Chloro-3-methylphenol	ND		350	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2-Chloronaphthalene	ND		70	16	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2-Chlorophenol	ND		350	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
4-Chlorophenyl phenyl ether	ND		350	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Chrysene	ND		70	39	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Dibenz(a,h)anthracene	ND		70	45	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Dibenzofuran	ND		350	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
3,3'-Dichlorobenzidine	ND		350	330	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2,4-Dichlorophenol	ND		70	27	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Diethyl phthalate	ND		350	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2,4-Dimethylphenol	ND		350	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Dimethyl phthalate	ND		350	140	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Di-n-butyl phthalate	**180**	**J**	350	150	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
4,6-Dinitro-2-methylphenol	ND		1800	600	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2,4-Dinitrophenol	ND		3500	2200	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2,4-Dinitrotoluene	ND		350	210	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2,6-Dinitrotoluene	ND		350	140	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Di-n-octyl phthalate	ND		350	200	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
1,4-Dioxane	ND		700	110	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Fluoranthene	**40**	**J**	70	18	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Fluorene	ND		70	14	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Hexachlorobenzene	ND		70	25	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Hexachlorobutadiene	ND		70	20	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Hexachlorocyclopentadiene	ND		350	36	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Hexachloroethane	ND		350	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Indeno[1,2,3-cd]pyrene	ND		70	35	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Isophorone	ND		350	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2-Methylnaphthalene	ND		70	17	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2-Methylphenol	ND		350	100	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Methylphenol, 3 & 4	ND		350	100	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Naphthalene	ND		70	14	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
3-Nitroaniline	ND		1800	89	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Nitrobenzene	ND		700	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2-Nitrophenol	ND		350	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
N-Nitrosodi-n-propylamine	ND		70	24	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
N-Nitrosodiphenylamine	ND		350	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2,2'-oxybis[1-chloropropane]	ND		70	26	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Pentachlorophenol	ND		1800	560	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1

Client Sample ID: SSHS-IRM5A2-SCV43-0.17-0.75
Date Collected: 04/06/23 15:45
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-17
Matrix: Solid
Percent Solids: 94.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**24**	**J**	70	19	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Phenol	ND		350	110	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
Pyrene	**41**	**J**	70	17	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
1,2,4,5-Tetrachlorobenzene	ND		350	140	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2,3,4,6-Tetrachlorophenol	ND		350	150	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2,4,5-Trichlorophenol	ND		350	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1
2,4,6-Trichlorophenol	ND		350	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*04/13/23 05:34*	*04/14/23 20:20*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*04/13/23 05:34*	*04/14/23 20:20*	*1*
Nitrobenzene-d5 (Surr)	*77*		*46 - 105*	*04/13/23 05:34*	*04/14/23 20:20*	*1*
Phenol-d5 (Surr)	*61*		*46 - 105*	*04/13/23 05:34*	*04/14/23 20:20*	*1*
Terphenyl-d14 (Surr)	*65*		*39 - 105*	*04/13/23 05:34*	*04/14/23 20:20*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*04/13/23 05:34*	*04/14/23 20:20*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.7	ug/Kg	☼	04/10/23 17:06	04/12/23 01:29	1
PCB-1221	ND		18	6.2	ug/Kg	☼	04/10/23 17:06	04/12/23 01:29	1
PCB-1232	ND		18	4.3	ug/Kg	☼	04/10/23 17:06	04/12/23 01:29	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/10/23 17:06	04/12/23 01:29	1
PCB-1248	**51**		18	4.2	ug/Kg	☼	04/10/23 17:06	04/12/23 01:29	1
PCB-1254	**40**		18	5.3	ug/Kg	☼	04/10/23 17:06	04/12/23 01:29	1
PCB-1260	ND		18	5.0	ug/Kg	☼	04/10/23 17:06	04/12/23 01:29	1
PCB-1262	ND		18	6.2	ug/Kg	☼	04/10/23 17:06	04/12/23 01:29	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/10/23 17:06	04/12/23 01:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*113*		*63 - 138*	*04/10/23 17:06*	*04/12/23 01:29*	*1*
DCB Decachlorobiphenyl (Surr)	*107*		*63 - 138*	*04/10/23 17:06*	*04/12/23 01:29*	*1*
Tetrachloro-m-xylene (Surr)	*111*		*55 - 135*	*04/10/23 17:06*	*04/12/23 01:29*	*1*
Tetrachloro-m-xylene (Surr)	*116*		*55 - 135*	*04/10/23 17:06*	*04/12/23 01:29*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13000**		18	4.5	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Antimony	ND		0.91	0.28	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Arsenic	**9.6**		0.91	0.57	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Barium	**140**		18	3.2	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Beryllium	**0.80**		0.36	0.099	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Cadmium	**0.10**	**J**	0.46	0.067	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Calcium	**3700**		460	59	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Chromium	**20**		0.46	0.41	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Cobalt	**13**		4.6	0.64	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Copper	**25**		2.3	1.4	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Iron	**28000**	**B**	9.1	8.9	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Lead	**34**		0.91	0.79	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Magnesium	**3900**		460	50	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Manganese	**650**		1.4	0.25	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1

Client Sample ID: SSHS-IRM5A2-SCV43-0.17-0.75
Lab Sample ID: 180-154714-17

Date Collected: 04/06/23 15:45
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 94.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**28**		3.6	0.46	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Potassium	**1500**		460	78	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Selenium	ND		0.91	0.42	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Silver	ND		0.46	0.095	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Sodium	ND		460	47	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Thallium	**1.2**	**J**	1.8	0.26	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Vanadium	**23**		4.6	0.72	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1
Zinc	**120**	**B**	1.8	1.3	mg/Kg	☼	04/26/23 07:51	04/28/23 17:06	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.22**		0.035	0.022	mg/Kg	☼	04/27/23 08:15	04/28/23 11:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**5.4**		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	**94.6**		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV43-0.75-1.75
Lab Sample ID: 180-154714-18

Date Collected: 04/06/23 15:50
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 89.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Benzene	ND		5.5	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Bromoform	ND		5.5	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
2-Butanone (MEK)	ND		5.5	2.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
cis-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.5	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,2-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,4-Dichlorobenzene	ND		5.5	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Dichlorobromomethane	ND		5.5	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Dichlorodifluoromethane	ND		5.5	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,1-Dichloroethane	ND		5.5	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1

Client Sample ID: SSHS-IRM5A2-SCV43-0.75-1.75

Date Collected: 04/06/23 15:50
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-18

Matrix: Solid
Percent Solids: 89.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Isopropylbenzene	ND		5.5	2.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Methyl acetate	ND	*+	27	8.0	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Methylcyclohexane	ND		5.5	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Methylene Chloride	ND		5.5	4.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
m-Xylene & p-Xylene	ND		5.5	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Styrene	ND		5.5	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Trichlorofluoromethane	ND		5.5	4.5	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Vinyl chloride	ND		5.5	3.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1
Xylenes, Total	ND		11	7.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*60 - 124*	*04/14/23 07:20*	*04/14/23 16:33*	*1*
Dibromofluoromethane (Surr)	*104*		*69 - 126*	*04/14/23 07:20*	*04/14/23 16:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*73 - 135*	*04/14/23 07:20*	*04/14/23 16:33*	*1*
Toluene-d8 (Surr)	*110*		*67 - 134*	*04/14/23 07:20*	*04/14/23 16:33*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		73	21	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Acenaphthylene	**73**		73	16	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Acetophenone	ND		730	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Anthracene	**620**		73	19	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Atrazine	ND		730	160	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Benzaldehyde	ND		730	45	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Benzo[a]anthracene	**69**	**J**	73	33	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Benzo[a]pyrene	**40**	**J**	73	31	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Benzo[b]fluoranthene	**72**	**J**	73	18	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Benzo[g,h,i]perylene	**46**	**J**	73	16	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Benzo[k]fluoranthene	**22**	**J**	73	22	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1

Client Sample ID: SSHS-IRM5A2-SCV43-0.75-1.75
Date Collected: 04/06/23 15:50
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-18
Matrix: Solid
Percent Solids: 89.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		73	13	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
4-Bromophenyl phenyl ether	ND		360	150	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Caprolactam	ND		1800	240	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Carbazole	**26**	**J**	73	17	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
4-Chloroaniline	ND		360	95	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2-Chloronaphthalene	ND		73	17	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Chrysene	**75**		73	40	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Dibenz(a,h)anthracene	ND		73	46	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Dibenzofuran	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2,4-Dichlorophenol	ND		73	28	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Dimethyl phthalate	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
4,6-Dinitro-2-methylphenol	ND		1800	630	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
1,4-Dioxane	ND		730	110	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Fluoranthene	**70**	**J**	73	19	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Fluorene	**30**	**J**	73	14	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Hexachlorobenzene	ND		73	26	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Hexachlorobutadiene	ND		73	21	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Hexachlorocyclopentadiene	ND		360	37	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Indeno[1,2,3-cd]pyrene	**41**	**J**	73	36	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Isophorone	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2-Methylnaphthalene	**170**		73	17	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2-Methylphenol	ND		360	100	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Naphthalene	**130**		73	14	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2-Nitroaniline	ND		1800	170	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
3-Nitroaniline	ND		1800	92	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Nitrobenzene	ND		730	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
N-Nitrosodi-n-propylamine	ND		73	25	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2,2'-oxybis[1-chloropropane]	ND		73	27	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Pentachlorophenol	ND		1800	580	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Phenanthrene	**150**		73	19	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1

Client Sample ID: SSHS-IRM5A2-SCV43-0.75-1.75

Date Collected: 04/06/23 15:50
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-18

Matrix: Solid
Percent Solids: 89.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		360	110	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
Pyrene	**93**		73	17	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/14/23 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*44 - 105*	*04/13/23 05:34*	*04/14/23 20:42*	*1*
2-Fluorophenol (Surr)	*72*		*48 - 105*	*04/13/23 05:34*	*04/14/23 20:42*	*1*
Nitrobenzene-d5 (Surr)	*74*		*46 - 105*	*04/13/23 05:34*	*04/14/23 20:42*	*1*
Phenol-d5 (Surr)	*60*		*46 - 105*	*04/13/23 05:34*	*04/14/23 20:42*	*1*
Terphenyl-d14 (Surr)	*62*		*39 - 105*	*04/13/23 05:34*	*04/14/23 20:42*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*34 - 108*	*04/13/23 05:34*	*04/14/23 20:42*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	04/10/23 17:06	04/12/23 01:48	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/10/23 17:06	04/12/23 01:48	1
PCB-1232	ND		18	4.5	ug/Kg	☼	04/10/23 17:06	04/12/23 01:48	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/10/23 17:06	04/12/23 01:48	1
PCB-1248	ND		18	4.4	ug/Kg	☼	04/10/23 17:06	04/12/23 01:48	1
PCB-1254	ND		18	5.5	ug/Kg	☼	04/10/23 17:06	04/12/23 01:48	1
PCB-1260	ND		18	5.3	ug/Kg	☼	04/10/23 17:06	04/12/23 01:48	1
PCB-1262	ND		18	6.5	ug/Kg	☼	04/10/23 17:06	04/12/23 01:48	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/10/23 17:06	04/12/23 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/10/23 17:06*	*04/12/23 01:48*	*1*
DCB Decachlorobiphenyl (Surr)	*95*		*63 - 138*	*04/10/23 17:06*	*04/12/23 01:48*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*	*04/10/23 17:06*	*04/12/23 01:48*	*1*
Tetrachloro-m-xylene (Surr)	*107*		*55 - 135*	*04/10/23 17:06*	*04/12/23 01:48*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8800**		11	2.8	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Antimony	ND		0.57	0.17	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Arsenic	**9.2**		0.57	0.36	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Barium	**95**		11	2.0	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Beryllium	**0.68**		0.23	0.062	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Cadmium	**0.27**	**J**	0.28	0.042	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Calcium	**2300**		280	37	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Chromium	**11**		0.28	0.26	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Cobalt	**9.8**		2.8	0.40	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Copper	**48**		1.4	0.86	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Iron	**21000**	**B**	5.7	5.5	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Lead	**47**		0.57	0.50	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Magnesium	**2300**		280	31	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Manganese	**470**		0.85	0.16	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Nickel	**24**		2.3	0.29	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1

Client Sample ID: SSHS-IRM5A2-SCV43-0.75-1.75

Lab Sample ID: 180-154714-18

Date Collected: 04/06/23 15:50
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 89.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	530		280	48	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Selenium	0.63		0.57	0.26	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Silver	ND		0.28	0.059	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Sodium	39	J	280	29	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Thallium	0.92	J	1.1	0.16	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Vanadium	15		2.8	0.45	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1
Zinc	170	B	1.1	0.83	mg/Kg	☼	04/26/23 07:51	04/28/23 17:21	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.9		0.068	0.044	mg/Kg	☼	04/27/23 08:15	04/28/23 13:29	2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	10.5		0.1	0.1	%			04/08/23 15:44	1
Percent Solids (SM22 2540G)	89.5		0.1	0.1	%			04/08/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17

Lab Sample ID: 180-154714-19

Date Collected: 04/06/23 15:55
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 82.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Benzene	ND		6.0	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Bromomethane	ND		6.0	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
2-Butanone (MEK)	ND		6.0	3.1	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Carbon disulfide	ND		6.0	4.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Carbon tetrachloride	ND		6.0	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Chlorobenzene	ND		6.0	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Chlorobromomethane	ND		6.0	3.6	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Chlorodibromomethane	ND		6.0	3.0	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Chloroethane	ND		6.0	3.5	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Chloroform	ND		6.0	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Chloromethane	ND		6.0	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
cis-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Cyclohexane	ND		6.0	2.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,2-Dibromoethane	ND		6.0	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,2-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,3-Dichlorobenzene	ND		6.0	3.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Dichlorobromomethane	ND		6.0	2.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Dichlorodifluoromethane	ND		6.0	3.0	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,1-Dichloroethane	ND		6.0	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,2-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,1-Dichloroethene	ND		6.0	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,2-Dichloroethene, Total	ND		12	4.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17
Date Collected: 04/06/23 15:55
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-19
Matrix: Solid
Percent Solids: 82.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		6.0	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,4-Dioxane	ND		1200	43	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Ethylbenzene	ND		6.0	2.2	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
2-Hexanone	ND		6.0	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Isopropylbenzene	ND		6.0	3.1	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Methyl acetate	ND	*+	30	8.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Methylcyclohexane	ND		6.0	2.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Methylene Chloride	ND		6.0	5.4	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
4-Methyl-2-pentanone (MIBK)	ND		6.0	2.2	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Methyl tert-butyl ether	ND		6.0	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
m-Xylene & p-Xylene	ND		6.0	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
o-Xylene	ND		6.0	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Styrene	ND		6.0	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Tetrachloroethene	ND		6.0	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Toluene	ND		6.0	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
trans-1,2-Dichloroethene	ND		6.0	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
trans-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,2,3-Trichlorobenzene	ND		6.0	3.3	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,2,4-Trichlorobenzene	ND		6.0	3.1	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,1,1-Trichloroethane	ND		6.0	2.0	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,1,2-Trichloroethane	ND		6.0	1.2	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Trichloroethene	ND		6.0	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Trichlorofluoromethane	ND		6.0	5.0	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Vinyl chloride	ND		6.0	4.3	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1
Xylenes, Total	ND		12	8.7	ug/Kg	☼	04/14/23 07:20	04/14/23 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*	*04/14/23 07:20*	*04/14/23 16:11*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*	*04/14/23 07:20*	*04/14/23 16:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*73 - 135*	*04/14/23 07:20*	*04/14/23 16:11*	*1*
Toluene-d8 (Surr)	*98*		*67 - 134*	*04/14/23 07:20*	*04/14/23 16:11*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		81	23	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Acenaphthylene	ND		81	18	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Acetophenone	ND		810	140	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Anthracene	ND		81	21	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Atrazine	ND		810	180	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Benzaldehyde	ND		810	50	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Benzo[a]anthracene	ND		81	37	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Benzo[a]pyrene	ND		81	35	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Benzo[b]fluoranthene	**31**	**J**	81	20	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Benzo[g,h,i]perylene	ND		81	17	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Benzo[k]fluoranthene	ND		81	24	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Bis(2-chloroethyl)ether	ND		81	15	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17
Date Collected: 04/06/23 15:55
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-19
Matrix: Solid
Percent Solids: 82.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Caprolactam	ND		2100	260	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Carbazole	ND		81	19	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2-Chloronaphthalene	ND		81	19	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Chrysene	ND		81	45	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Dibenz(a,h)anthracene	ND		81	52	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2,4-Dichlorophenol	ND		81	31	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
1,4-Dioxane	ND		810	130	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Fluoranthene	**32**	**J**	81	21	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Fluorene	ND		81	16	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Hexachlorobenzene	ND		81	29	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Hexachlorobutadiene	ND		81	24	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Hexachlorocyclopentadiene	ND		400	41	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Indeno[1,2,3-cd]pyrene	ND		81	40	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Isophorone	ND		400	150	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2-Methylnaphthalene	ND		81	19	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2-Methylphenol	ND		400	120	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Naphthalene	ND		81	16	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2-Nitroaniline	ND		2100	180	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Nitrobenzene	ND		810	150	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
4-Nitrophenol	ND		2100	280	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
N-Nitrosodi-n-propylamine	ND		81	27	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2,2'-oxybis[1-chloropropane]	ND		81	30	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Pentachlorophenol	ND		2100	650	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Phenanthrene	ND		81	22	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
Phenol	ND		400	120	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17

Date Collected: 04/06/23 15:55
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-19

Matrix: Solid
Percent Solids: 82.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**31**	**J**	81	19	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	04/13/23 05:34	04/14/23 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*56*		*44 - 105*	*04/13/23 05:34*	*04/14/23 21:04*	*1*
2-Fluorophenol (Surr)	*69*		*48 - 105*	*04/13/23 05:34*	*04/14/23 21:04*	*1*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*	*04/13/23 05:34*	*04/14/23 21:04*	*1*
Phenol-d5 (Surr)	*55*		*46 - 105*	*04/13/23 05:34*	*04/14/23 21:04*	*1*
Terphenyl-d14 (Surr)	*63*		*39 - 105*	*04/13/23 05:34*	*04/14/23 21:04*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*34 - 108*	*04/13/23 05:34*	*04/14/23 21:04*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	04/10/23 17:06	04/12/23 02:07	1
PCB-1221	ND		20	7.1	ug/Kg	☼	04/10/23 17:06	04/12/23 02:07	1
PCB-1232	ND		20	4.9	ug/Kg	☼	04/10/23 17:06	04/12/23 02:07	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/10/23 17:06	04/12/23 02:07	1
PCB-1248	**21**		20	4.8	ug/Kg	☼	04/10/23 17:06	04/12/23 02:07	1
PCB-1254	**16**	**J**	20	6.0	ug/Kg	☼	04/10/23 17:06	04/12/23 02:07	1
PCB-1260	ND		20	5.7	ug/Kg	☼	04/10/23 17:06	04/12/23 02:07	1
PCB-1262	ND		20	7.1	ug/Kg	☼	04/10/23 17:06	04/12/23 02:07	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/10/23 17:06	04/12/23 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*95*		*63 - 138*	*04/10/23 17:06*	*04/12/23 02:07*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*04/10/23 17:06*	*04/12/23 02:07*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*	*04/10/23 17:06*	*04/12/23 02:07*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*55 - 135*	*04/10/23 17:06*	*04/12/23 02:07*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13000**		16	4.0	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Antimony	ND		0.81	0.25	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Arsenic	**9.4**		0.81	0.51	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Barium	**130**		16	2.9	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Beryllium	**0.76**		0.32	0.088	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Cadmium	**0.16**	**J**	0.40	0.059	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Calcium	**2800**		400	52	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Chromium	**20**		0.40	0.37	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Cobalt	**13**		4.0	0.57	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Copper	**26**		2.0	1.2	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Iron	**27000**	**B**	8.1	7.9	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Lead	**31**		0.81	0.70	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Magnesium	**3900**		400	44	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Manganese	**670**		1.2	0.22	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Nickel	**29**		3.2	0.41	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Potassium	**1300**		400	69	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1

Client Sample ID: SSHS-IRM5A2-SCV44-0-0.17

Lab Sample ID: 180-154714-19

Date Collected: 04/06/23 15:55
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 82.4

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.81	0.37	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Silver	ND		0.40	0.084	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Sodium	**49**	**J**	400	41	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Thallium	**1.0**	**J**	1.6	0.23	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Vanadium	**22**		4.0	0.64	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1
Zinc	**150**	**B**	1.6	1.2	mg/Kg	☼	04/26/23 07:51	04/28/23 17:26	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.1**		0.035	0.022	mg/Kg	☼	04/27/23 08:15	04/28/23 11:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**17.6**		0.1	0.1	%			04/10/23 13:42	1
Percent Solids (SM22 2540G)	**82.4**		0.1	0.1	%			04/10/23 13:42	1

Client Sample ID: SSHS-IRM5A2-SCV44-0.17-0.75

Lab Sample ID: 180-154714-20

Date Collected: 04/06/23 16:00
Matrix: Solid
Date Received: 04/07/23 09:25
Percent Solids: 90.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.0	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Benzene	ND		5.2	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Bromoform	ND		5.2	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Bromomethane	ND		5.2	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
2-Butanone (MEK)	ND		5.2	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Carbon disulfide	ND		5.2	4.2	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Carbon tetrachloride	ND		5.2	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Chlorobenzene	ND		5.2	1.3	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Chlorobromomethane	ND		5.2	3.1	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Chlorodibromomethane	ND		5.2	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Chloroethane	ND		5.2	3.0	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Chloroform	ND		5.2	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Chloromethane	ND		5.2	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
cis-1,2-Dichloroethene	ND		5.2	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
cis-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Cyclohexane	ND		5.2	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,2-Dibromo-3-Chloropropane	ND		5.2	3.4	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,2-Dibromoethane	ND		5.2	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,2-Dichlorobenzene	ND		5.2	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,3-Dichlorobenzene	ND		5.2	3.2	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,4-Dichlorobenzene	ND		5.2	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Dichlorobromomethane	ND		5.2	2.4	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Dichlorodifluoromethane	ND		5.2	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,1-Dichloroethane	ND		5.2	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,2-Dichloroethane	ND		5.2	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,1-Dichloroethene	ND		5.2	2.3	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,2-Dichloroethene, Total	ND		10	4.2	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,2-Dichloropropane	ND		5.2	1.4	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1

Client Sample ID: SSHS-IRM5A2-SCV44-0.17-0.75

Date Collected: 04/06/23 16:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-20

Matrix: Solid
Percent Solids: 90.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1000	37	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Ethylbenzene	ND		5.2	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
2-Hexanone	ND		5.2	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Isopropylbenzene	ND		5.2	2.7	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Methyl acetate	ND	*+	26	7.6	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Methylcyclohexane	ND		5.2	2.5	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Methylene Chloride	ND		5.2	4.7	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.2	1.9	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Methyl tert-butyl ether	ND		5.2	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
m-Xylene & p-Xylene	ND		5.2	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
o-Xylene	ND		5.2	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Styrene	ND		5.2	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,1,2,2-Tetrachloroethane	ND		5.2	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Tetrachloroethene	ND		5.2	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Toluene	ND		5.2	1.5	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
trans-1,2-Dichloroethene	ND		5.2	1.8	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
trans-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,2,3-Trichlorobenzene	ND		5.2	2.9	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,2,4-Trichlorobenzene	ND		5.2	2.6	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,1,1-Trichloroethane	ND		5.2	1.7	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,1,2-Trichloroethane	ND		5.2	1.0	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Trichloroethene	ND		5.2	1.6	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Trichlorofluoromethane	ND		5.2	4.3	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	2.1	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Vinyl chloride	ND		5.2	3.7	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1
Xylenes, Total	ND		10	7.5	ug/Kg	☼	04/14/23 07:20	04/14/23 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*	*04/14/23 07:20*	*04/14/23 15:48*	*1*
Dibromofluoromethane (Surr)	*108*		*69 - 126*	*04/14/23 07:20*	*04/14/23 15:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*73 - 135*	*04/14/23 07:20*	*04/14/23 15:48*	*1*
Toluene-d8 (Surr)	*95*		*67 - 134*	*04/14/23 07:20*	*04/14/23 15:48*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Acenaphthylene	ND		74	16	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Acetophenone	ND		740	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Anthracene	**31**	**J**	74	19	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Atrazine	ND		740	160	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Benzo[a]anthracene	**41**	**J**	74	33	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Benzo[a]pyrene	**37**	**J**	74	32	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Benzo[b]fluoranthene	**46**	**J**	74	18	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Benzo[g,h,i]perylene	**27**	**J**	74	16	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Benzo[k]fluoranthene	ND		74	22	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV44-0.17-0.75
Date Collected: 04/06/23 16:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-20
Matrix: Solid
Percent Solids: 90.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Carbazole	ND		74	17	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Chrysene	**47**	**J**	74	41	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Di-n-butyl phthalate	**170**	**J**	360	160	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Fluoranthene	**68**	**J**	74	19	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Fluorene	ND		74	14	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Indeno[1,2,3-cd]pyrene	ND		74	37	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Isophorone	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Naphthalene	ND		74	14	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Phenanthrene	**49**	**J**	74	20	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Phenol	ND		360	110	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
Pyrene	**66**	**J**	74	17	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1

Client Sample ID: SSHS-IRM5A2-SCV44-0.17-0.75

Date Collected: 04/06/23 16:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-20

Matrix: Solid
Percent Solids: 90.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/13/23 05:34	04/15/23 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*44 - 105*	*04/13/23 05:34*	*04/15/23 15:59*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*04/13/23 05:34*	*04/15/23 15:59*	*1*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*	*04/13/23 05:34*	*04/15/23 15:59*	*1*
Phenol-d5 (Surr)	*74*		*46 - 105*	*04/13/23 05:34*	*04/15/23 15:59*	*1*
Terphenyl-d14 (Surr)	*70*		*39 - 105*	*04/13/23 05:34*	*04/15/23 15:59*	*1*
2,4,6-Tribromophenol (Surr)	*57*		*34 - 108*	*04/13/23 05:34*	*04/15/23 15:59*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	04/10/23 17:06	04/12/23 02:25	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/10/23 17:06	04/12/23 02:25	1
PCB-1232	ND		18	4.5	ug/Kg	☼	04/10/23 17:06	04/12/23 02:25	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/10/23 17:06	04/12/23 02:25	1
PCB-1248	**14**	**J**	18	4.4	ug/Kg	☼	04/10/23 17:06	04/12/23 02:25	1
PCB-1254	**9.6**	**J**	18	5.5	ug/Kg	☼	04/10/23 17:06	04/12/23 02:25	1
PCB-1260	ND		18	5.2	ug/Kg	☼	04/10/23 17:06	04/12/23 02:25	1
PCB-1262	ND		18	6.5	ug/Kg	☼	04/10/23 17:06	04/12/23 02:25	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/10/23 17:06	04/12/23 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*101*		*63 - 138*	*04/10/23 17:06*	*04/12/23 02:25*	*1*
DCB Decachlorobiphenyl (Surr)	*102*		*63 - 138*	*04/10/23 17:06*	*04/12/23 02:25*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*55 - 135*	*04/10/23 17:06*	*04/12/23 02:25*	*1*
Tetrachloro-m-xylene (Surr)	*109*		*55 - 135*	*04/10/23 17:06*	*04/12/23 02:25*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7900**		67	17	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Antimony	ND		3.3	1.0	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Arsenic	**7.6**		3.3	2.1	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Barium	**84**		67	12	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Beryllium	**0.39**	**J**	1.3	0.36	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Cadmium	ND		1.7	0.24	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Calcium	**3200**		1700	220	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Chromium	**10**		1.7	1.5	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Cobalt	**6.3**		3.3	0.47	mg/Kg	☼	04/26/23 07:51	04/28/23 17:31	1
Copper	**46**		8.3	5.0	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Iron	**18000**	**B**	33	32	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Lead	**64**		0.67	0.58	mg/Kg	☼	04/26/23 07:51	04/28/23 17:31	1
Magnesium	**2100**		1700	180	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Manganese	**450**		5.0	0.93	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Nickel	**17**		2.7	0.34	mg/Kg	☼	04/26/23 07:51	04/28/23 17:31	1
Potassium	**510**	**J**	1700	280	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Selenium	ND		3.3	1.5	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Client Sample ID: SSHS-IRM5A2-SCV44-0.17-0.75
Date Collected: 04/06/23 16:00
Date Received: 04/07/23 09:25

Lab Sample ID: 180-154714-20
Matrix: Solid
Percent Solids: 90.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.7	0.35	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Sodium	ND		1700	170	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Thallium	**0.64**	**J**	1.3	0.19	mg/Kg	☼	04/26/23 07:51	04/28/23 17:31	1
Vanadium	**14**	**J**	17	2.6	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5
Zinc	**200**	**B**	6.7	4.8	mg/Kg	☼	04/26/23 07:51	04/29/23 20:18	5

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**10**		0.36	0.23	mg/Kg	☼	04/27/23 08:15	04/28/23 13:31	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**9.5**		0.1	0.1	%			04/10/23 13:42	1
Percent Solids (SM22 2540G)	**90.5**		0.1	0.1	%			04/10/23 13:42	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 180-431907/10
Matrix: Solid
Analysis Batch: 431907

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/11/23 12:39	1
Benzene	ND		5.0	1.4	ug/Kg			04/11/23 12:39	1
Bromoform	ND		5.0	2.5	ug/Kg			04/11/23 12:39	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/11/23 12:39	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/11/23 12:39	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/11/23 12:39	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/11/23 12:39	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/11/23 12:39	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/11/23 12:39	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/11/23 12:39	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/11/23 12:39	1
Chloroform	ND		5.0	1.6	ug/Kg			04/11/23 12:39	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/11/23 12:39	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/11/23 12:39	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/11/23 12:39	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/11/23 12:39	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/11/23 12:39	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/11/23 12:39	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/11/23 12:39	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/11/23 12:39	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/11/23 12:39	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/11/23 12:39	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/11/23 12:39	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/11/23 12:39	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/11/23 12:39	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/11/23 12:39	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/11/23 12:39	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/11/23 12:39	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/11/23 12:39	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/11/23 12:39	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/11/23 12:39	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/11/23 12:39	1
Methyl acetate	ND		25	7.4	ug/Kg			04/11/23 12:39	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/11/23 12:39	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/11/23 12:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/11/23 12:39	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/11/23 12:39	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/11/23 12:39	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/11/23 12:39	1
Styrene	ND		5.0	1.5	ug/Kg			04/11/23 12:39	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/11/23 12:39	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/11/23 12:39	1
Toluene	ND		5.0	1.4	ug/Kg			04/11/23 12:39	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/11/23 12:39	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/11/23 12:39	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/11/23 12:39	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/11/23 12:39	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/11/23 12:39	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-431907/10
Matrix: Solid
Analysis Batch: 431907

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/11/23 12:39	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/11/23 12:39	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/11/23 12:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/11/23 12:39	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/11/23 12:39	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/11/23 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*		*04/11/23 12:39*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*		*04/11/23 12:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*73 - 135*		*04/11/23 12:39*	*1*
Toluene-d8 (Surr)	*103*		*67 - 134*		*04/11/23 12:39*	*1*

Lab Sample ID: LCS 180-431907/4
Matrix: Solid
Analysis Batch: 431907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	57.2		ug/Kg		143	23 - 170
Benzene	40.0	41.1		ug/Kg		103	77 - 120
Bromoform	40.0	41.5		ug/Kg		104	37 - 147
Bromomethane	40.0	40.1		ug/Kg		100	47 - 149
2-Butanone (MEK)	40.0	129	*+	ug/Kg		322	39 - 157
Carbon disulfide	40.0	53.0		ug/Kg		132	40 - 156
Carbon tetrachloride	40.0	49.2		ug/Kg		123	73 - 130
Chlorobenzene	40.0	37.0		ug/Kg		92	79 - 122
Chlorobromomethane	40.0	45.8		ug/Kg		114	64 - 128
Chlorodibromomethane	40.0	41.6		ug/Kg		104	60 - 134
Chloroethane	40.0	49.8		ug/Kg		125	37 - 159
Chloroform	40.0	43.2		ug/Kg		108	73 - 126
Chloromethane	40.0	39.6		ug/Kg		99	46 - 151
cis-1,2-Dichloroethene	40.0	43.4		ug/Kg		108	77 - 118
cis-1,3-Dichloropropene	40.0	44.2		ug/Kg		110	73 - 127
Cyclohexane	40.0	43.5		ug/Kg		109	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	37.8		ug/Kg		94	30 - 163
1,2-Dibromoethane	40.0	37.4		ug/Kg		94	59 - 137
1,2-Dichlorobenzene	40.0	36.3		ug/Kg		91	76 - 120
1,3-Dichlorobenzene	40.0	37.7		ug/Kg		94	77 - 121
1,4-Dichlorobenzene	40.0	37.7		ug/Kg		94	79 - 120
Dichlorobromomethane	40.0	42.5		ug/Kg		106	75 - 123
Dichlorodifluoromethane	40.0	74.8	*+	ug/Kg		187	26 - 149
1,1-Dichloroethane	40.0	41.9		ug/Kg		105	73 - 124
1,2-Dichloroethane	40.0	53.3		ug/Kg		133	64 - 140
1,1-Dichloroethene	40.0	49.7		ug/Kg		124	55 - 136
1,2-Dichloroethene, Total	80.0	88.4		ug/Kg		111	77 - 119
1,2-Dichloropropane	40.0	37.7		ug/Kg		94	77 - 119
1,4-Dioxane	800	797	J	ug/Kg		100	18 - 166
Ethylbenzene	40.0	36.8		ug/Kg		92	79 - 119

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-431907/4
Matrix: Solid
Analysis Batch: 431907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	40.0	41.8		ug/Kg		105	42 - 152
Isopropylbenzene	40.0	36.6		ug/Kg		91	70 - 125
Methyl acetate	80.0	151	*+	ug/Kg		189	20 - 170
Methylcyclohexane	40.0	41.6		ug/Kg		104	70 - 125
Methylene Chloride	40.0	46.5		ug/Kg		116	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	38.6		ug/Kg		97	51 - 147
Methyl tert-butyl ether	40.0	45.0		ug/Kg		112	58 - 132
m-Xylene & p-Xylene	40.0	37.9		ug/Kg		95	77 - 120
o-Xylene	40.0	36.3		ug/Kg		91	78 - 118
Styrene	40.0	37.4		ug/Kg		94	80 - 120
1,1,2,2-Tetrachloroethane	40.0	37.7		ug/Kg		94	36 - 170
Tetrachloroethene	40.0	41.5		ug/Kg		104	71 - 121
Toluene	40.0	36.9		ug/Kg		92	76 - 120
trans-1,2-Dichloroethene	40.0	45.0		ug/Kg		113	75 - 122
trans-1,3-Dichloropropene	40.0	39.1		ug/Kg		98	68 - 133
1,2,3-Trichlorobenzene	40.0	41.2		ug/Kg		103	29 - 166
1,2,4-Trichlorobenzene	40.0	40.6		ug/Kg		102	22 - 170
1,1,1-Trichloroethane	40.0	48.0		ug/Kg		120	72 - 134
1,1,2-Trichloroethane	40.0	36.0		ug/Kg		90	66 - 128
Trichloroethene	40.0	44.7		ug/Kg		112	69 - 118
Trichlorofluoromethane	40.0	49.5		ug/Kg		124	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	50.5		ug/Kg		126	59 - 135
Vinyl chloride	40.0	41.0		ug/Kg		103	64 - 134
Xylenes, Total	80.0	74.2		ug/Kg		93	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*60 - 124*
Dibromofluoromethane (Surr)	*115*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*122*		*73 - 135*
Toluene-d8 (Surr)	*103*		*67 - 134*

Lab Sample ID: MB 180-432181/7
Matrix: Solid
Analysis Batch: 432181

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/13/23 12:53	1
Benzene	ND		5.0	1.4	ug/Kg			04/13/23 12:53	1
Bromoform	ND		5.0	2.5	ug/Kg			04/13/23 12:53	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/13/23 12:53	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/13/23 12:53	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/13/23 12:53	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/13/23 12:53	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/13/23 12:53	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/13/23 12:53	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/13/23 12:53	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/13/23 12:53	1
Chloroform	ND		5.0	1.6	ug/Kg			04/13/23 12:53	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-432181/7
Matrix: Solid
Analysis Batch: 432181

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.0	2.0	ug/Kg			04/13/23 12:53	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/13/23 12:53	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/13/23 12:53	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/13/23 12:53	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/13/23 12:53	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/13/23 12:53	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/13/23 12:53	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/13/23 12:53	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/13/23 12:53	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/13/23 12:53	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/13/23 12:53	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/13/23 12:53	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/13/23 12:53	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/13/23 12:53	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/13/23 12:53	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/13/23 12:53	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/13/23 12:53	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/13/23 12:53	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/13/23 12:53	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/13/23 12:53	1
Methyl acetate	ND		25	7.4	ug/Kg			04/13/23 12:53	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/13/23 12:53	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/13/23 12:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/13/23 12:53	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/13/23 12:53	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/13/23 12:53	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/13/23 12:53	1
Styrene	ND		5.0	1.5	ug/Kg			04/13/23 12:53	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/13/23 12:53	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/13/23 12:53	1
Toluene	ND		5.0	1.4	ug/Kg			04/13/23 12:53	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/13/23 12:53	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/13/23 12:53	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/13/23 12:53	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/13/23 12:53	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/13/23 12:53	1
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/13/23 12:53	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/13/23 12:53	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/13/23 12:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/13/23 12:53	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/13/23 12:53	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/13/23 12:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*		*04/13/23 12:53*	*1*
Dibromofluoromethane (Surr)	*110*		*69 - 126*		*04/13/23 12:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*73 - 135*		*04/13/23 12:53*	*1*
Toluene-d8 (Surr)	*99*		*67 - 134*		*04/13/23 12:53*	*1*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432181/18
Matrix: Solid
Analysis Batch: 432181

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	45.8		ug/Kg		115	23 - 170
Benzene	40.0	42.0		ug/Kg		105	77 - 120
Bromoform	40.0	37.1		ug/Kg		93	37 - 147
Bromomethane	40.0	29.5		ug/Kg		74	47 - 149
2-Butanone (MEK)	40.0	42.0		ug/Kg		105	39 - 157
Carbon disulfide	40.0	56.3		ug/Kg		141	40 - 156
Carbon tetrachloride	40.0	41.1		ug/Kg		103	73 - 130
Chlorobenzene	40.0	35.9		ug/Kg		90	79 - 122
Chlorobromomethane	40.0	40.4		ug/Kg		101	64 - 128
Chlorodibromomethane	40.0	37.1		ug/Kg		93	60 - 134
Chloroethane	40.0	36.5		ug/Kg		91	37 - 159
Chloroform	40.0	38.8		ug/Kg		97	73 - 126
Chloromethane	40.0	36.4		ug/Kg		91	46 - 151
cis-1,2-Dichloroethene	40.0	41.8		ug/Kg		105	77 - 118
cis-1,3-Dichloropropene	40.0	42.1		ug/Kg		105	73 - 127
Cyclohexane	40.0	43.5		ug/Kg		109	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	40.2		ug/Kg		100	30 - 163
1,2-Dibromoethane	40.0	38.0		ug/Kg		95	59 - 137
1,2-Dichlorobenzene	40.0	35.0		ug/Kg		88	76 - 120
1,3-Dichlorobenzene	40.0	35.6		ug/Kg		89	77 - 121
1,4-Dichlorobenzene	40.0	35.1		ug/Kg		88	79 - 120
Dichlorobromomethane	40.0	37.5		ug/Kg		94	75 - 123
Dichlorodifluoromethane	40.0	59.1		ug/Kg		148	26 - 149
1,1-Dichloroethane	40.0	43.5		ug/Kg		109	73 - 124
1,2-Dichloroethane	40.0	41.9		ug/Kg		105	64 - 140
1,1-Dichloroethene	40.0	48.7		ug/Kg		122	55 - 136
1,2-Dichloroethene, Total	80.0	88.3		ug/Kg		110	77 - 119
1,2-Dichloropropane	40.0	38.5		ug/Kg		96	77 - 119
1,4-Dioxane	800	782	J	ug/Kg		98	18 - 166
Ethylbenzene	40.0	36.3		ug/Kg		91	79 - 119
2-Hexanone	40.0	38.2		ug/Kg		95	42 - 152
Isopropylbenzene	40.0	36.1		ug/Kg		90	70 - 125
Methyl acetate	80.0	149	*+	ug/Kg		186	20 - 170
Methylcyclohexane	40.0	43.3		ug/Kg		108	70 - 125
Methylene Chloride	40.0	46.5		ug/Kg		116	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	34.5		ug/Kg		86	51 - 147
Methyl tert-butyl ether	40.0	44.8		ug/Kg		112	58 - 132
m-Xylene & p-Xylene	40.0	38.4		ug/Kg		96	77 - 120
o-Xylene	40.0	36.3		ug/Kg		91	78 - 118
Styrene	40.0	36.7		ug/Kg		92	80 - 120
1,1,2,2-Tetrachloroethane	40.0	43.1		ug/Kg		108	36 - 170
Tetrachloroethene	40.0	37.5		ug/Kg		94	71 - 121
Toluene	40.0	33.7		ug/Kg		84	76 - 120
trans-1,2-Dichloroethene	40.0	46.5		ug/Kg		116	75 - 122
trans-1,3-Dichloropropene	40.0	36.5		ug/Kg		91	68 - 133
1,2,3-Trichlorobenzene	40.0	36.4		ug/Kg		91	29 - 166
1,2,4-Trichlorobenzene	40.0	36.2		ug/Kg		90	22 - 170
1,1,1-Trichloroethane	40.0	40.4		ug/Kg		101	72 - 134

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432181/18
Matrix: Solid
Analysis Batch: 432181

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	40.0	36.6		ug/Kg		91	66 - 128
Trichloroethene	40.0	40.6		ug/Kg		102	69 - 118
Trichlorofluoromethane	40.0	33.6		ug/Kg		84	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	43.0		ug/Kg		108	59 - 135
Vinyl chloride	40.0	35.3		ug/Kg		88	64 - 134
Xylenes, Total	80.0	74.7		ug/Kg		93	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*98*		*73 - 135*
Toluene-d8 (Surr)	*91*		*67 - 134*

Lab Sample ID: 180-154714-4 MS
Matrix: Solid
Analysis Batch: 432181

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432248

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND		46.1	61.7		ug/Kg	☼	134	23 - 170
Benzene	ND		46.1	42.6		ug/Kg	☼	93	77 - 120
Bromoform	ND		46.1	45.3		ug/Kg	☼	98	37 - 147
Bromomethane	ND	F2	46.1	29.7		ug/Kg	☼	64	47 - 149
2-Butanone (MEK)	ND		46.1	46.6		ug/Kg	☼	101	39 - 157
Carbon disulfide	ND		46.1	56.2		ug/Kg	☼	122	40 - 156
Carbon tetrachloride	ND		46.1	42.0		ug/Kg	☼	91	73 - 130
Chlorobenzene	ND		46.1	38.8		ug/Kg	☼	84	79 - 122
Chlorobromomethane	ND		46.1	46.0		ug/Kg	☼	100	64 - 128
Chlorodibromomethane	ND		46.1	42.7		ug/Kg	☼	93	60 - 134
Chloroethane	ND		46.1	43.6		ug/Kg	☼	95	37 - 159
Chloroform	ND		46.1	41.4		ug/Kg	☼	90	73 - 126
Chloromethane	ND		46.1	36.5		ug/Kg	☼	79	46 - 151
cis-1,2-Dichloroethene	ND		46.1	43.8		ug/Kg	☼	95	77 - 118
cis-1,3-Dichloropropene	ND		46.1	45.8		ug/Kg	☼	99	73 - 127
Cyclohexane	ND		46.1	42.5		ug/Kg	☼	92	63 - 143
1,2-Dibromo-3-Chloropropane	ND		46.1	44.9		ug/Kg	☼	97	30 - 163
1,2-Dibromoethane	ND		46.1	44.4		ug/Kg	☼	96	59 - 137
1,2-Dichlorobenzene	ND		46.1	38.4		ug/Kg	☼	83	76 - 120
1,3-Dichlorobenzene	ND		46.1	37.6		ug/Kg	☼	82	77 - 121
1,4-Dichlorobenzene	ND		46.1	38.2		ug/Kg	☼	83	79 - 120
Dichlorobromomethane	ND		46.1	41.6		ug/Kg	☼	90	75 - 123
Dichlorodifluoromethane	ND		46.1	60.8		ug/Kg	☼	132	26 - 149
1,1-Dichloroethane	ND		46.1	41.6		ug/Kg	☼	90	73 - 124
1,2-Dichloroethane	ND		46.1	48.1		ug/Kg	☼	104	64 - 140
1,1-Dichloroethene	ND		46.1	51.2		ug/Kg	☼	111	55 - 136
1,2-Dichloroethene, Total	ND		92.2	89.2		ug/Kg	☼	97	77 - 119
1,2-Dichloropropane	ND		46.1	40.3		ug/Kg	☼	87	77 - 119
1,4-Dioxane	ND		922	730	J	ug/Kg	☼	79	18 - 166
Ethylbenzene	ND		46.1	38.1		ug/Kg	☼	83	79 - 119

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154714-4 MS
Matrix: Solid
Analysis Batch: 432181

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432248

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	ND		46.1	48.2		ug/Kg	☼	105	42 - 152
Isopropylbenzene	ND		46.1	37.7		ug/Kg	☼	82	70 - 125
Methyl acetate	ND	F1 *+	92.2	173	F1	ug/Kg	☼	188	20 - 170
Methylcyclohexane	ND		46.1	42.9		ug/Kg	☼	93	70 - 125
Methylene Chloride	ND		46.1	47.4		ug/Kg	☼	103	67 - 131
4-Methyl-2-pentanone (MIBK)	ND		46.1	43.4		ug/Kg	☼	94	51 - 147
Methyl tert-butyl ether	ND		46.1	48.7		ug/Kg	☼	106	58 - 132
m-Xylene & p-Xylene	ND		46.1	39.9		ug/Kg	☼	87	77 - 120
o-Xylene	ND		46.1	38.2		ug/Kg	☼	83	78 - 118
Styrene	ND		46.1	39.1		ug/Kg	☼	85	80 - 120
1,1,2,2-Tetrachloroethane	ND		46.1	49.0		ug/Kg	☼	106	36 - 170
Tetrachloroethene	ND		46.1	39.5		ug/Kg	☼	86	71 - 121
Toluene	ND		46.1	38.4		ug/Kg	☼	83	76 - 120
trans-1,2-Dichloroethene	ND		46.1	45.5		ug/Kg	☼	99	75 - 122
trans-1,3-Dichloropropene	ND		46.1	41.9		ug/Kg	☼	91	68 - 133
1,2,3-Trichlorobenzene	ND		46.1	41.9		ug/Kg	☼	91	29 - 166
1,2,4-Trichlorobenzene	ND		46.1	41.2		ug/Kg	☼	89	22 - 170
1,1,1-Trichloroethane	ND		46.1	42.3		ug/Kg	☼	92	72 - 134
1,1,2-Trichloroethane	ND		46.1	41.8		ug/Kg	☼	91	66 - 128
Trichloroethene	ND		46.1	43.2		ug/Kg	☼	94	69 - 118
Trichlorofluoromethane	ND		46.1	40.1		ug/Kg	☼	87	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		46.1	49.3		ug/Kg	☼	107	59 - 135
Vinyl chloride	ND		46.1	43.3		ug/Kg	☼	94	64 - 134
Xylenes, Total	ND		92.2	78.1		ug/Kg	☼	85	78 - 118

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*60 - 124*
Dibromofluoromethane (Surr)	*96*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*96*		*73 - 135*
Toluene-d8 (Surr)	*95*		*67 - 134*

Lab Sample ID: 180-154714-4 MSD
Matrix: Solid
Analysis Batch: 432181

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432248

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND		46.9	53.0		ug/Kg	☼	113	23 - 170	15	35
Benzene	ND		46.9	44.8		ug/Kg	☼	95	77 - 120	5	20
Bromoform	ND		46.9	42.0		ug/Kg	☼	90	37 - 147	8	23
Bromomethane	ND	F2	46.9	41.6	F2	ug/Kg	☼	89	47 - 149	33	25
2-Butanone (MEK)	ND		46.9	42.9		ug/Kg	☼	91	39 - 157	8	33
Carbon disulfide	ND		46.9	55.9		ug/Kg	☼	119	40 - 156	0	25
Carbon tetrachloride	ND		46.9	43.5		ug/Kg	☼	93	73 - 130	4	21
Chlorobenzene	ND		46.9	41.3		ug/Kg	☼	88	79 - 122	6	20
Chlorobromomethane	ND		46.9	46.2		ug/Kg	☼	99	64 - 128	0	20
Chlorodibromomethane	ND		46.9	42.1		ug/Kg	☼	90	60 - 134	1	40
Chloroethane	ND		46.9	43.2		ug/Kg	☼	92	37 - 159	1	25
Chloroform	ND		46.9	41.7		ug/Kg	☼	89	73 - 126	1	20

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154714-4 MSD
Matrix: Solid
Analysis Batch: 432181

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432248

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	ND		46.9	42.2		ug/Kg	☼	90	46 - 151	14	33
cis-1,2-Dichloroethene	ND		46.9	45.9		ug/Kg	☼	98	77 - 118	5	20
cis-1,3-Dichloropropene	ND		46.9	50.5		ug/Kg	☼	108	73 - 127	10	20
Cyclohexane	ND		46.9	44.8		ug/Kg	☼	96	63 - 143	5	25
1,2-Dibromo-3-Chloropropane	ND		46.9	44.8		ug/Kg	☼	96	30 - 163	0	34
1,2-Dibromoethane	ND		46.9	44.3		ug/Kg	☼	94	59 - 137	0	20
1,2-Dichlorobenzene	ND		46.9	39.6		ug/Kg	☼	84	76 - 120	3	20
1,3-Dichlorobenzene	ND		46.9	39.6		ug/Kg	☼	84	77 - 121	5	20
1,4-Dichlorobenzene	ND		46.9	40.5		ug/Kg	☼	86	79 - 120	6	20
Dichlorobromomethane	ND		46.9	44.6		ug/Kg	☼	95	75 - 123	7	20
Dichlorodifluoromethane	ND		46.9	66.1		ug/Kg	☼	141	26 - 149	8	24
1,1-Dichloroethane	ND		46.9	43.6		ug/Kg	☼	93	73 - 124	5	20
1,2-Dichloroethane	ND		46.9	46.1		ug/Kg	☼	98	64 - 140	4	20
1,1-Dichloroethene	ND		46.9	49.1		ug/Kg	☼	105	55 - 136	4	21
1,2-Dichloroethene, Total	ND		93.8	91.9		ug/Kg	☼	98	77 - 119	3	20
1,2-Dichloropropane	ND		46.9	46.6		ug/Kg	☼	99	77 - 119	15	20
1,4-Dioxane	ND		938	903	J	ug/Kg	☼	96	18 - 166	21	40
Ethylbenzene	ND		46.9	41.2		ug/Kg	☼	88	79 - 119	8	20
2-Hexanone	ND		46.9	46.3		ug/Kg	☼	99	42 - 152	4	30
Isopropylbenzene	ND		46.9	40.4		ug/Kg	☼	86	70 - 125	7	21
Methyl acetate	ND	F1 *+	93.8	155		ug/Kg	☼	165	20 - 170	11	33
Methylcyclohexane	ND		46.9	52.5		ug/Kg	☼	112	70 - 125	20	22
Methylene Chloride	ND		46.9	44.1		ug/Kg	☼	94	67 - 131	7	32
4-Methyl-2-pentanone (MIBK)	ND		46.9	43.3		ug/Kg	☼	92	51 - 147	0	27
Methyl tert-butyl ether	ND		46.9	44.2		ug/Kg	☼	94	58 - 132	10	24
m-Xylene & p-Xylene	ND		46.9	42.9		ug/Kg	☼	91	77 - 120	7	20
o-Xylene	ND		46.9	41.1		ug/Kg	☼	88	78 - 118	7	20
Styrene	ND		46.9	41.5		ug/Kg	☼	89	80 - 120	6	20
1,1,2,2-Tetrachloroethane	ND		46.9	50.3		ug/Kg	☼	107	36 - 170	3	23
Tetrachloroethene	ND		46.9	42.0		ug/Kg	☼	90	71 - 121	6	21
Toluene	ND		46.9	42.4		ug/Kg	☼	90	76 - 120	10	20
trans-1,2-Dichloroethene	ND		46.9	46.0		ug/Kg	☼	98	75 - 122	1	20
trans-1,3-Dichloropropene	ND		46.9	44.1		ug/Kg	☼	94	68 - 133	5	20
1,2,3-Trichlorobenzene	ND		46.9	42.6		ug/Kg	☼	91	29 - 166	2	40
1,2,4-Trichlorobenzene	ND		46.9	41.5		ug/Kg	☼	89	22 - 170	1	29
1,1,1-Trichloroethane	ND		46.9	42.3		ug/Kg	☼	90	72 - 134	0	20
1,1,2-Trichloroethane	ND		46.9	43.0		ug/Kg	☼	92	66 - 128	3	21
Trichloroethene	ND		46.9	47.9		ug/Kg	☼	102	69 - 118	10	20
Trichlorofluoromethane	ND		46.9	45.1		ug/Kg	☼	96	32 - 149	12	39
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		46.9	49.7		ug/Kg	☼	106	59 - 135	1	28
Vinyl chloride	ND		46.9	46.3		ug/Kg	☼	99	64 - 134	7	23
Xylenes, Total	ND		93.8	84.0		ug/Kg	☼	90	78 - 118	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*97*		*73 - 135*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154714-4 MSD
Matrix: Solid
Analysis Batch: 432181

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432248

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*67 - 134*

Lab Sample ID: MB 180-432306/9
Matrix: Solid
Analysis Batch: 432306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/14/23 11:58	1
Benzene	ND		5.0	1.4	ug/Kg			04/14/23 11:58	1
Bromoform	ND		5.0	2.5	ug/Kg			04/14/23 11:58	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/14/23 11:58	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/14/23 11:58	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/14/23 11:58	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/14/23 11:58	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/14/23 11:58	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/14/23 11:58	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/14/23 11:58	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/14/23 11:58	1
Chloroform	ND		5.0	1.6	ug/Kg			04/14/23 11:58	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/14/23 11:58	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/14/23 11:58	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/14/23 11:58	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/14/23 11:58	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/14/23 11:58	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/14/23 11:58	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/14/23 11:58	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/14/23 11:58	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/14/23 11:58	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/14/23 11:58	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/14/23 11:58	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/14/23 11:58	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/14/23 11:58	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/14/23 11:58	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/14/23 11:58	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/14/23 11:58	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/14/23 11:58	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/14/23 11:58	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/14/23 11:58	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/14/23 11:58	1
Methyl acetate	ND		25	7.4	ug/Kg			04/14/23 11:58	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/14/23 11:58	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/14/23 11:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/14/23 11:58	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/14/23 11:58	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/14/23 11:58	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/14/23 11:58	1
Styrene	ND		5.0	1.5	ug/Kg			04/14/23 11:58	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/14/23 11:58	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-432306/9
Matrix: Solid
Analysis Batch: 432306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/14/23 11:58	1
Toluene	ND		5.0	1.4	ug/Kg			04/14/23 11:58	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/14/23 11:58	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/14/23 11:58	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/14/23 11:58	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/14/23 11:58	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/14/23 11:58	1
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/14/23 11:58	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/14/23 11:58	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/14/23 11:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/14/23 11:58	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/14/23 11:58	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/14/23 11:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*		*04/14/23 11:58*	*1*
Dibromofluoromethane (Surr)	*116*		*69 - 126*		*04/14/23 11:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*135*		*73 - 135*		*04/14/23 11:58*	*1*
Toluene-d8 (Surr)	*101*		*67 - 134*		*04/14/23 11:58*	*1*

Lab Sample ID: LCS 180-432306/4
Matrix: Solid
Analysis Batch: 432306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	43.2		ug/Kg		108	23 - 170
Benzene	40.0	35.4		ug/Kg		88	77 - 120
Bromoform	40.0	35.2		ug/Kg		88	37 - 147
Bromomethane	40.0	33.3		ug/Kg		83	47 - 149
2-Butanone (MEK)	40.0	35.0		ug/Kg		88	39 - 157
Carbon disulfide	40.0	47.1		ug/Kg		118	40 - 156
Carbon tetrachloride	40.0	35.1		ug/Kg		88	73 - 130
Chlorobenzene	40.0	32.2		ug/Kg		80	79 - 122
Chlorobromomethane	40.0	36.9		ug/Kg		92	64 - 128
Chlorodibromomethane	40.0	33.2		ug/Kg		83	60 - 134
Chloroethane	40.0	36.6		ug/Kg		92	37 - 159
Chloroform	40.0	34.6		ug/Kg		86	73 - 126
Chloromethane	40.0	29.7		ug/Kg		74	46 - 151
cis-1,2-Dichloroethene	40.0	35.8		ug/Kg		89	77 - 118
cis-1,3-Dichloropropene	40.0	37.8		ug/Kg		94	73 - 127
Cyclohexane	40.0	34.8		ug/Kg		87	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	33.8		ug/Kg		84	30 - 163
1,2-Dibromoethane	40.0	34.4		ug/Kg		86	59 - 137
1,2-Dichlorobenzene	40.0	31.5		ug/Kg		79	76 - 120
1,3-Dichlorobenzene	40.0	31.8		ug/Kg		79	77 - 121
1,4-Dichlorobenzene	40.0	32.2		ug/Kg		81	79 - 120
Dichlorobromomethane	40.0	33.1		ug/Kg		83	75 - 123
Dichlorodifluoromethane	40.0	50.7		ug/Kg		127	26 - 149

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432306/4
Matrix: Solid
Analysis Batch: 432306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	40.0	35.0		ug/Kg		88	73 - 124
1,2-Dichloroethane	40.0	37.9		ug/Kg		95	64 - 140
1,1-Dichloroethene	40.0	42.2		ug/Kg		105	55 - 136
1,2-Dichloroethene, Total	80.0	75.5		ug/Kg		94	77 - 119
1,2-Dichloropropane	40.0	31.9		ug/Kg		80	77 - 119
1,4-Dioxane	800	639	J	ug/Kg		80	18 - 166
Ethylbenzene	40.0	31.4		ug/Kg		79	79 - 119
2-Hexanone	40.0	34.5		ug/Kg		86	42 - 152
Isopropylbenzene	40.0	30.5		ug/Kg		76	70 - 125
Methyl acetate	80.0	144	*+	ug/Kg		180	20 - 170
Methylcyclohexane	40.0	35.5		ug/Kg		89	70 - 125
Methylene Chloride	40.0	38.0		ug/Kg		95	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	34.4		ug/Kg		86	51 - 147
Methyl tert-butyl ether	40.0	38.7		ug/Kg		97	58 - 132
m-Xylene & p-Xylene	40.0	33.1		ug/Kg		83	77 - 120
o-Xylene	40.0	32.0		ug/Kg		80	78 - 118
Styrene	40.0	32.5		ug/Kg		81	80 - 120
1,1,2,2-Tetrachloroethane	40.0	36.6		ug/Kg		91	36 - 170
Tetrachloroethene	40.0	32.8		ug/Kg		82	71 - 121
Toluene	40.0	32.0		ug/Kg		80	76 - 120
trans-1,2-Dichloroethene	40.0	39.7		ug/Kg		99	75 - 122
trans-1,3-Dichloropropene	40.0	34.1		ug/Kg		85	68 - 133
1,2,3-Trichlorobenzene	40.0	34.4		ug/Kg		86	29 - 166
1,2,4-Trichlorobenzene	40.0	34.5		ug/Kg		86	22 - 170
1,1,1-Trichloroethane	40.0	35.0		ug/Kg		88	72 - 134
1,1,2-Trichloroethane	40.0	33.2		ug/Kg		83	66 - 128
Trichloroethene	40.0	34.9		ug/Kg		87	69 - 118
Trichlorofluoromethane	40.0	35.8		ug/Kg		90	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	43.1		ug/Kg		108	59 - 135
Vinyl chloride	40.0	30.6		ug/Kg		77	64 - 134
Xylenes, Total	80.0	65.1		ug/Kg		81	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*100*		*73 - 135*
Toluene-d8 (Surr)	*101*		*67 - 134*

Lab Sample ID: 180-154714-16 MS
Matrix: Solid
Analysis Batch: 432306

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 432377

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND		40.1	52.9		ug/Kg	☼	132	23 - 170
Benzene	ND		40.1	36.9		ug/Kg	☼	92	77 - 120
Bromoform	ND		40.1	41.8		ug/Kg	☼	104	37 - 147
Bromomethane	ND		40.1	47.8		ug/Kg	☼	119	47 - 149
2-Butanone (MEK)	ND		40.1	40.9		ug/Kg	☼	102	39 - 157

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154714-16 MS
Matrix: Solid
Analysis Batch: 432306

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 432377

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	ND		40.1	53.7		ug/Kg	☼	134	40 - 156
Carbon tetrachloride	ND		40.1	45.8		ug/Kg	☼	114	73 - 130
Chlorobenzene	ND		40.1	35.5		ug/Kg	☼	89	79 - 122
Chlorobromomethane	ND		40.1	44.6		ug/Kg	☼	111	64 - 128
Chlorodibromomethane	ND		40.1	39.6		ug/Kg	☼	99	60 - 134
Chloroethane	ND		40.1	47.2		ug/Kg	☼	118	37 - 159
Chloroform	ND		40.1	39.2		ug/Kg	☼	98	73 - 126
Chloromethane	ND		40.1	40.0		ug/Kg	☼	100	46 - 151
cis-1,2-Dichloroethene	ND		40.1	38.0		ug/Kg	☼	95	77 - 118
cis-1,3-Dichloropropene	ND		40.1	40.1		ug/Kg	☼	100	73 - 127
Cyclohexane	ND		40.1	37.6		ug/Kg	☼	94	63 - 143
1,2-Dibromo-3-Chloropropane	ND		40.1	36.7		ug/Kg	☼	92	30 - 163
1,2-Dibromoethane	ND		40.1	36.6		ug/Kg	☼	91	59 - 137
1,2-Dichlorobenzene	ND		40.1	33.4		ug/Kg	☼	83	76 - 120
1,3-Dichlorobenzene	ND		40.1	33.4		ug/Kg	☼	83	77 - 121
1,4-Dichlorobenzene	ND		40.1	34.4		ug/Kg	☼	86	79 - 120
Dichlorobromomethane	ND		40.1	39.8		ug/Kg	☼	99	75 - 123
Dichlorodifluoromethane	ND	F1	40.1	75.0	F1	ug/Kg	☼	187	26 - 149
1,1-Dichloroethane	ND		40.1	38.8		ug/Kg	☼	97	73 - 124
1,2-Dichloroethane	ND		40.1	49.4		ug/Kg	☼	123	64 - 140
1,1-Dichloroethene	ND		40.1	50.1		ug/Kg	☼	125	55 - 136
1,2-Dichloroethene, Total	ND		80.1	82.0		ug/Kg	☼	102	77 - 119
1,2-Dichloropropane	ND		40.1	33.8		ug/Kg	☼	84	77 - 119
1,4-Dioxane	ND		801	670	J	ug/Kg	☼	84	18 - 166
Ethylbenzene	ND		40.1	34.4		ug/Kg	☼	86	79 - 119
2-Hexanone	ND		40.1	35.8		ug/Kg	☼	89	42 - 152
Isopropylbenzene	ND		40.1	34.7		ug/Kg	☼	87	70 - 125
Methyl acetate	ND	*+ F1	80.1	165	F1	ug/Kg	☼	206	20 - 170
Methylcyclohexane	ND		40.1	37.6		ug/Kg	☼	94	70 - 125
Methylene Chloride	ND		40.1	49.5		ug/Kg	☼	123	67 - 131
4-Methyl-2-pentanone (MIBK)	ND		40.1	36.2		ug/Kg	☼	90	51 - 147
Methyl tert-butyl ether	ND		40.1	45.4		ug/Kg	☼	113	58 - 132
m-Xylene & p-Xylene	ND		40.1	35.5		ug/Kg	☼	89	77 - 120
o-Xylene	ND		40.1	34.1		ug/Kg	☼	85	78 - 118
Styrene	ND		40.1	36.0		ug/Kg	☼	90	80 - 120
1,1,2,2-Tetrachloroethane	ND		40.1	39.1		ug/Kg	☼	98	36 - 170
Tetrachloroethene	ND		40.1	38.8		ug/Kg	☼	97	71 - 121
Toluene	ND		40.1	33.8		ug/Kg	☼	84	76 - 120
trans-1,2-Dichloroethene	ND		40.1	44.0		ug/Kg	☼	110	75 - 122
trans-1,3-Dichloropropene	ND		40.1	36.7		ug/Kg	☼	92	68 - 133
1,2,3-Trichlorobenzene	ND		40.1	37.5		ug/Kg	☼	94	29 - 166
1,2,4-Trichlorobenzene	ND		40.1	37.1		ug/Kg	☼	93	22 - 170
1,1,1-Trichloroethane	ND		40.1	44.1		ug/Kg	☼	110	72 - 134
1,1,2-Trichloroethane	ND		40.1	35.4		ug/Kg	☼	88	66 - 128
Trichloroethene	ND		40.1	39.7		ug/Kg	☼	99	69 - 118
Trichlorofluoromethane	ND		40.1	47.1		ug/Kg	☼	118	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40.1	52.0		ug/Kg	☼	130	59 - 135
Vinyl chloride	ND		40.1	40.7		ug/Kg	☼	102	64 - 134

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154714-16 MS
Matrix: Solid
Analysis Batch: 432306

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 432377

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Xylenes, Total	ND		80.1	69.6		ug/Kg	☼	87	78 - 118

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*60 - 124*
Dibromofluoromethane (Surr)	*109*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*115*		*73 - 135*
Toluene-d8 (Surr)	*95*		*67 - 134*

Lab Sample ID: 180-154714-16 MSD
Matrix: Solid
Analysis Batch: 432306

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 432377

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND		38.6	50.6		ug/Kg	☼	131	23 - 170	4	35
Benzene	ND		38.6	37.4		ug/Kg	☼	97	77 - 120	1	20
Bromoform	ND		38.6	43.5		ug/Kg	☼	113	37 - 147	4	23
Bromomethane	ND		38.6	43.3		ug/Kg	☼	112	47 - 149	10	25
2-Butanone (MEK)	ND		38.6	43.7		ug/Kg	☼	113	39 - 157	7	33
Carbon disulfide	ND		38.6	49.1		ug/Kg	☼	127	40 - 156	9	25
Carbon tetrachloride	ND		38.6	43.4		ug/Kg	☼	112	73 - 130	5	21
Chlorobenzene	ND		38.6	35.4		ug/Kg	☼	92	79 - 122	0	20
Chlorobromomethane	ND		38.6	43.4		ug/Kg	☼	112	64 - 128	3	20
Chlorodibromomethane	ND		38.6	41.3		ug/Kg	☼	107	60 - 134	4	40
Chloroethane	ND		38.6	42.1		ug/Kg	☼	109	37 - 159	11	25
Chloroform	ND		38.6	39.0		ug/Kg	☼	101	73 - 126	0	20
Chloromethane	ND		38.6	36.5		ug/Kg	☼	94	46 - 151	9	33
cis-1,2-Dichloroethene	ND		38.6	39.5		ug/Kg	☼	102	77 - 118	4	20
cis-1,3-Dichloropropene	ND		38.6	40.8		ug/Kg	☼	106	73 - 127	2	20
Cyclohexane	ND		38.6	38.4		ug/Kg	☼	99	63 - 143	2	25
1,2-Dibromo-3-Chloropropane	ND		38.6	43.2		ug/Kg	☼	112	30 - 163	16	34
1,2-Dibromoethane	ND		38.6	39.4		ug/Kg	☼	102	59 - 137	7	20
1,2-Dichlorobenzene	ND		38.6	34.8		ug/Kg	☼	90	76 - 120	4	20
1,3-Dichlorobenzene	ND		38.6	34.4		ug/Kg	☼	89	77 - 121	3	20
1,4-Dichlorobenzene	ND		38.6	34.7		ug/Kg	☼	90	79 - 120	1	20
Dichlorobromomethane	ND		38.6	39.1		ug/Kg	☼	101	75 - 123	2	20
Dichlorodifluoromethane	ND	F1	38.6	70.6	F1	ug/Kg	☼	183	26 - 149	6	24
1,1-Dichloroethane	ND		38.6	37.3		ug/Kg	☼	97	73 - 124	4	20
1,2-Dichloroethane	ND		38.6	48.2		ug/Kg	☼	125	64 - 140	2	20
1,1-Dichloroethene	ND		38.6	46.4		ug/Kg	☼	120	55 - 136	8	21
1,2-Dichloroethene, Total	ND		77.3	80.4		ug/Kg	☼	104	77 - 119	2	20
1,2-Dichloropropane	ND		38.6	35.2		ug/Kg	☼	91	77 - 119	4	20
1,4-Dioxane	ND		773	583	J	ug/Kg	☼	75	18 - 166	14	40
Ethylbenzene	ND		38.6	34.7		ug/Kg	☼	90	79 - 119	1	20
2-Hexanone	ND		38.6	42.0		ug/Kg	☼	109	42 - 152	16	30
Isopropylbenzene	ND		38.6	35.7		ug/Kg	☼	92	70 - 125	3	21
Methyl acetate	ND	*+ F1	77.3	153	F1	ug/Kg	☼	198	20 - 170	7	33
Methylcyclohexane	ND		38.6	37.8		ug/Kg	☼	98	70 - 125	0	22
Methylene Chloride	ND		38.6	45.4		ug/Kg	☼	117	67 - 131	9	32

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154714-16 MSD
Matrix: Solid
Analysis Batch: 432306

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 432377

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	ND		38.6	41.7		ug/Kg	☼	108	51 - 147	14	27
Methyl tert-butyl ether	ND		38.6	45.0		ug/Kg	☼	117	58 - 132	1	24
m-Xylene & p-Xylene	ND		38.6	36.9		ug/Kg	☼	96	77 - 120	4	20
o-Xylene	ND		38.6	35.1		ug/Kg	☼	91	78 - 118	3	20
Styrene	ND		38.6	36.0		ug/Kg	☼	93	80 - 120	0	20
1,1,2,2-Tetrachloroethane	ND		38.6	40.6		ug/Kg	☼	105	36 - 170	4	23
Tetrachloroethene	ND		38.6	40.2		ug/Kg	☼	104	71 - 121	4	21
Toluene	ND		38.6	36.2		ug/Kg	☼	94	76 - 120	7	20
trans-1,2-Dichloroethene	ND		38.6	40.9		ug/Kg	☼	106	75 - 122	7	20
trans-1,3-Dichloropropene	ND		38.6	40.3		ug/Kg	☼	104	68 - 133	9	20
1,2,3-Trichlorobenzene	ND		38.6	38.5		ug/Kg	☼	100	29 - 166	3	40
1,2,4-Trichlorobenzene	ND		38.6	38.1		ug/Kg	☼	99	22 - 170	3	29
1,1,1-Trichloroethane	ND		38.6	42.7		ug/Kg	☼	110	72 - 134	3	20
1,1,2-Trichloroethane	ND		38.6	38.3		ug/Kg	☼	99	66 - 128	8	21
Trichloroethene	ND		38.6	39.5		ug/Kg	☼	102	69 - 118	1	20
Trichlorofluoromethane	ND		38.6	42.1		ug/Kg	☼	109	32 - 149	11	39
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		38.6	47.9		ug/Kg	☼	124	59 - 135	8	28
Vinyl chloride	ND		38.6	38.7		ug/Kg	☼	100	64 - 134	5	23
Xylenes, Total	ND		77.3	72.0		ug/Kg	☼	93	78 - 118	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*
Dibromofluoromethane (Surr)	*106*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*112*		*73 - 135*
Toluene-d8 (Surr)	*104*		*67 - 134*

Lab Sample ID: MB 180-432477/8
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/17/23 11:13	1
Benzene	ND		5.0	1.4	ug/Kg			04/17/23 11:13	1
Bromoform	ND		5.0	2.5	ug/Kg			04/17/23 11:13	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/17/23 11:13	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/17/23 11:13	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/17/23 11:13	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/17/23 11:13	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/17/23 11:13	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/17/23 11:13	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/17/23 11:13	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/17/23 11:13	1
Chloroform	ND		5.0	1.6	ug/Kg			04/17/23 11:13	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/17/23 11:13	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/17/23 11:13	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/17/23 11:13	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/17/23 11:13	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/17/23 11:13	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154714-1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-432477/8
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/17/23 11:13	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/17/23 11:13	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/17/23 11:13	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/17/23 11:13	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/17/23 11:13	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/17/23 11:13	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/17/23 11:13	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/17/23 11:13	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/17/23 11:13	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/17/23 11:13	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/17/23 11:13	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/17/23 11:13	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/17/23 11:13	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/17/23 11:13	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/17/23 11:13	1
Methyl acetate	ND		25	7.4	ug/Kg			04/17/23 11:13	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/17/23 11:13	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/17/23 11:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/17/23 11:13	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/17/23 11:13	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/17/23 11:13	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/17/23 11:13	1
Styrene	ND		5.0	1.5	ug/Kg			04/17/23 11:13	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/17/23 11:13	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/17/23 11:13	1
Toluene	ND		5.0	1.4	ug/Kg			04/17/23 11:13	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/17/23 11:13	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/17/23 11:13	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/17/23 11:13	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/17/23 11:13	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/17/23 11:13	1
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/17/23 11:13	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/17/23 11:13	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/17/23 11:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/17/23 11:13	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/17/23 11:13	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/17/23 11:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*		*04/17/23 11:13*	*1*
Dibromofluoromethane (Surr)	*116*		*69 - 126*		*04/17/23 11:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*73 - 135*		*04/17/23 11:13*	*1*
Toluene-d8 (Surr)	*97*		*67 - 134*		*04/17/23 11:13*	*1*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432477/4
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	51.1		ug/Kg		128	23 - 170
Benzene	40.0	39.1		ug/Kg		98	77 - 120
Bromoform	40.0	39.9		ug/Kg		100	37 - 147
Bromomethane	40.0	44.9		ug/Kg		112	47 - 149
2-Butanone (MEK)	40.0	38.9		ug/Kg		97	39 - 157
Carbon disulfide	40.0	52.3		ug/Kg		131	40 - 156
Carbon tetrachloride	40.0	45.4		ug/Kg		114	73 - 130
Chlorobenzene	40.0	36.2		ug/Kg		90	79 - 122
Chlorobromomethane	40.0	44.1		ug/Kg		110	64 - 128
Chlorodibromomethane	40.0	39.9		ug/Kg		100	60 - 134
Chloroethane	40.0	42.1		ug/Kg		105	37 - 159
Chloroform	40.0	41.6		ug/Kg		104	73 - 126
Chloromethane	40.0	36.8		ug/Kg		92	46 - 151
cis-1,2-Dichloroethene	40.0	41.2		ug/Kg		103	77 - 118
cis-1,3-Dichloropropene	40.0	40.1		ug/Kg		100	73 - 127
Cyclohexane	40.0	39.2		ug/Kg		98	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	36.1		ug/Kg		90	30 - 163
1,2-Dibromoethane	40.0	36.3		ug/Kg		91	59 - 137
1,2-Dichlorobenzene	40.0	35.4		ug/Kg		89	76 - 120
1,3-Dichlorobenzene	40.0	36.3		ug/Kg		91	77 - 121
1,4-Dichlorobenzene	40.0	36.8		ug/Kg		92	79 - 120
Dichlorobromomethane	40.0	40.1		ug/Kg		100	75 - 123
Dichlorodifluoromethane	40.0	66.1	*+	ug/Kg		165	26 - 149
1,1-Dichloroethane	40.0	40.1		ug/Kg		100	73 - 124
1,2-Dichloroethane	40.0	48.1		ug/Kg		120	64 - 140
1,1-Dichloroethene	40.0	48.8		ug/Kg		122	55 - 136
1,2-Dichloroethene, Total	80.0	84.9		ug/Kg		106	77 - 119
1,2-Dichloropropane	40.0	34.7		ug/Kg		87	77 - 119
1,4-Dioxane	800	660	J	ug/Kg		82	18 - 166
Ethylbenzene	40.0	35.7		ug/Kg		89	79 - 119
2-Hexanone	40.0	37.7		ug/Kg		94	42 - 152
Isopropylbenzene	40.0	36.8		ug/Kg		92	70 - 125
Methyl acetate	80.0	137	*+	ug/Kg		171	20 - 170
Methylcyclohexane	40.0	38.4		ug/Kg		96	70 - 125
Methylene Chloride	40.0	51.4		ug/Kg		128	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	35.1		ug/Kg		88	51 - 147
Methyl tert-butyl ether	40.0	41.3		ug/Kg		103	58 - 132
m-Xylene & p-Xylene	40.0	37.7		ug/Kg		94	77 - 120
o-Xylene	40.0	35.9		ug/Kg		90	78 - 118
Styrene	40.0	36.1		ug/Kg		90	80 - 120
1,1,2,2-Tetrachloroethane	40.0	37.3		ug/Kg		93	36 - 170
Tetrachloroethene	40.0	40.6		ug/Kg		102	71 - 121
Toluene	40.0	35.9		ug/Kg		90	76 - 120
trans-1,2-Dichloroethene	40.0	43.7		ug/Kg		109	75 - 122
trans-1,3-Dichloropropene	40.0	36.5		ug/Kg		91	68 - 133
1,2,3-Trichlorobenzene	40.0	39.1		ug/Kg		98	29 - 166
1,2,4-Trichlorobenzene	40.0	38.4		ug/Kg		96	22 - 170
1,1,1-Trichloroethane	40.0	44.7		ug/Kg		112	72 - 134

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432477/4
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	40.0	34.5		ug/Kg		86	66 - 128
Trichloroethene	40.0	42.5		ug/Kg		106	69 - 118
Trichlorofluoromethane	40.0	42.1		ug/Kg		105	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	48.3		ug/Kg		121	59 - 135
Vinyl chloride	40.0	35.7		ug/Kg		89	64 - 134
Xylenes, Total	80.0	73.6		ug/Kg		92	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*60 - 124*
Dibromofluoromethane (Surr)	*104*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 135*
Toluene-d8 (Surr)	*98*		*67 - 134*

Lab Sample ID: LCSD 180-432477/5
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	40.0	49.2		ug/Kg		123	23 - 170	4	35
Benzene	40.0	41.6		ug/Kg		104	77 - 120	6	20
Bromoform	40.0	39.0		ug/Kg		98	37 - 147	2	23
Bromomethane	40.0	38.5		ug/Kg		96	47 - 149	15	25
2-Butanone (MEK)	40.0	36.0		ug/Kg		90	39 - 157	8	33
Carbon disulfide	40.0	57.2		ug/Kg		143	40 - 156	9	25
Carbon tetrachloride	40.0	50.6		ug/Kg		127	73 - 130	11	21
Chlorobenzene	40.0	38.8		ug/Kg		97	79 - 122	7	20
Chlorobromomethane	40.0	42.7		ug/Kg		107	64 - 128	3	20
Chlorodibromomethane	40.0	39.3		ug/Kg		98	60 - 134	2	40
Chloroethane	40.0	46.6		ug/Kg		116	37 - 159	10	25
Chloroform	40.0	43.3		ug/Kg		108	73 - 126	4	20
Chloromethane	40.0	42.0		ug/Kg		105	46 - 151	13	33
cis-1,2-Dichloroethene	40.0	43.2		ug/Kg		108	77 - 118	5	20
cis-1,3-Dichloropropene	40.0	40.1		ug/Kg		100	73 - 127	0	20
Cyclohexane	40.0	44.3		ug/Kg		111	63 - 143	12	25
1,2-Dibromo-3-Chloropropane	40.0	35.9		ug/Kg		90	30 - 163	1	34
1,2-Dibromoethane	40.0	35.4		ug/Kg		89	59 - 137	2	20
1,2-Dichlorobenzene	40.0	35.9		ug/Kg		90	76 - 120	1	20
1,3-Dichlorobenzene	40.0	38.4		ug/Kg		96	77 - 121	6	20
1,4-Dichlorobenzene	40.0	38.8		ug/Kg		97	79 - 120	5	20
Dichlorobromomethane	40.0	39.1		ug/Kg		98	75 - 123	3	20
Dichlorodifluoromethane	40.0	72.2	*+	ug/Kg		181	26 - 149	9	24
1,1-Dichloroethane	40.0	43.0		ug/Kg		107	73 - 124	7	20
1,2-Dichloroethane	40.0	45.8		ug/Kg		115	64 - 140	5	20
1,1-Dichloroethene	40.0	51.6		ug/Kg		129	55 - 136	6	21
1,2-Dichloroethene, Total	80.0	90.1		ug/Kg		113	77 - 119	6	20
1,2-Dichloropropane	40.0	36.2		ug/Kg		90	77 - 119	4	20
1,4-Dioxane	800	634	J	ug/Kg		79	18 - 166	4	40
Ethylbenzene	40.0	40.2		ug/Kg		101	79 - 119	12	20

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 180-432477/5
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			40.0	36.7		ug/Kg		92	42 - 152	3	30
Isopropylbenzene			40.0	40.6		ug/Kg		101	70 - 125	10	21
Methyl acetate			80.0	131		ug/Kg		163	20 - 170	4	33
Methylcyclohexane			40.0	44.3		ug/Kg		111	70 - 125	14	22
Methylene Chloride			40.0	61.6	*+	ug/Kg		154	67 - 131	18	32
4-Methyl-2-pentanone (MIBK)			40.0	32.7		ug/Kg		82	51 - 147	7	27
Methyl tert-butyl ether			40.0	38.8		ug/Kg		97	58 - 132	6	24
m-Xylene & p-Xylene			40.0	42.7		ug/Kg		107	77 - 120	13	20
o-Xylene			40.0	38.8		ug/Kg		97	78 - 118	8	20
Styrene			40.0	39.4		ug/Kg		98	80 - 120	9	20
1,1,2,2-Tetrachloroethane			40.0	35.0		ug/Kg		87	36 - 170	6	23
Tetrachloroethene			40.0	44.6		ug/Kg		112	71 - 121	9	21
Toluene			40.0	39.1		ug/Kg		98	76 - 120	8	20
trans-1,2-Dichloroethene			40.0	46.9		ug/Kg		117	75 - 122	7	20
trans-1,3-Dichloropropene			40.0	36.8		ug/Kg		92	68 - 133	1	20
1,2,3-Trichlorobenzene			40.0	38.3		ug/Kg		96	29 - 166	2	40
1,2,4-Trichlorobenzene			40.0	39.1		ug/Kg		98	22 - 170	2	29
1,1,1-Trichloroethane			40.0	48.2		ug/Kg		120	72 - 134	7	20
1,1,2-Trichloroethane			40.0	34.3		ug/Kg		86	66 - 128	1	21
Trichloroethene			40.0	44.1		ug/Kg		110	69 - 118	4	20
Trichlorofluoromethane			40.0	45.9		ug/Kg		115	32 - 149	9	39
1,1,2-Trichloro-1,2,2-trifluoroethane			40.0	49.5		ug/Kg		124	59 - 135	3	28
Vinyl chloride			40.0	40.2		ug/Kg		100	64 - 134	12	23
Xylenes, Total			80.0	81.5		ug/Kg		102	78 - 118	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*60 - 124*
Dibromofluoromethane (Surr)	*112*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 135*
Toluene-d8 (Surr)	*110*		*67 - 134*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-432159/1-A
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Acenaphthylene	ND		67	15	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Acetophenone	ND		670	120	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Anthracene	ND		67	17	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Atrazine	ND		670	150	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Benzaldehyde	ND		670	41	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Benzo[a]anthracene	ND		67	30	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Benzo[a]pyrene	ND		67	29	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		04/13/23 05:34	04/14/23 10:22	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432159/1-A
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		67	20	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
1,1'-Biphenyl	ND		330	120	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Bis(2-chloroethyl)ether	ND		67	12	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Butyl benzyl phthalate	ND		330	230	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Caprolactam	ND		1700	220	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Carbazole	ND		67	16	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
4-Chloroaniline	ND		330	88	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2-Chloronaphthalene	ND		67	15	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2-Chlorophenol	ND		330	120	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Chrysene	ND		67	37	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Dibenzofuran	ND		330	120	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2,4-Dichlorophenol	ND		67	26	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Diethyl phthalate	ND		330	120	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Dimethyl phthalate	ND		330	130	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Di-n-butyl phthalate	ND		330	150	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
1,4-Dioxane	ND		670	100	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Fluoranthene	ND		67	18	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Fluorene	ND		67	13	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Hexachlorobenzene	ND		67	24	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Hexachlorobutadiene	ND		67	20	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Hexachlorocyclopentadiene	ND		330	34	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Hexachloroethane	ND		330	120	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Isophorone	ND		330	130	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2-Methylnaphthalene	ND		67	16	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2-Methylphenol	ND		330	96	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Naphthalene	ND		67	13	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2-Nitroaniline	ND		1700	150	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
3-Nitroaniline	ND		1700	85	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
4-Nitroaniline	ND		1700	120	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Nitrobenzene	ND		670	120	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2-Nitrophenol	ND		330	120	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
4-Nitrophenol	ND		1700	230	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		04/13/23 05:34	04/14/23 10:22	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432159/1-A
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Pentachlorophenol	ND		1700	540	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Phenanthrene	ND		67	18	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Phenol	ND		330	100	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
Pyrene	ND		67	16	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		04/13/23 05:34	04/14/23 10:22	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		04/13/23 05:34	04/14/23 10:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*44 - 105*	*04/13/23 05:34*	*04/14/23 10:22*	*1*
2-Fluorophenol (Surr)	*110*	*S1+*	*48 - 105*	*04/13/23 05:34*	*04/14/23 10:22*	*1*
Nitrobenzene-d5 (Surr)	*112*	*S1+*	*46 - 105*	*04/13/23 05:34*	*04/14/23 10:22*	*1*
Phenol-d5 (Surr)	*87*		*46 - 105*	*04/13/23 05:34*	*04/14/23 10:22*	*1*
Terphenyl-d14 (Surr)	*96*		*39 - 105*	*04/13/23 05:34*	*04/14/23 10:22*	*1*
2,4,6-Tribromophenol (Surr)	*94*		*34 - 108*	*04/13/23 05:34*	*04/14/23 10:22*	*1*

Lab Sample ID: LCS 180-432159/2-A
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	4660		ug/Kg		70	50 - 100
Acenaphthylene	6670	4600		ug/Kg		69	52 - 100
Acetophenone	6670	4430		ug/Kg		66	48 - 100
Anthracene	6670	4790		ug/Kg		72	53 - 100
Atrazine	6670	4730		ug/Kg		71	49 - 103
Benzaldehyde	6670	3840		ug/Kg		58	23 - 105
Benzo[a]anthracene	6670	4700		ug/Kg		71	51 - 100
Benzo[a]pyrene	6670	5280		ug/Kg		79	51 - 100
Benzo[b]fluoranthene	6670	5300		ug/Kg		80	48 - 100
Benzo[g,h,i]perylene	6670	4140		ug/Kg		62	48 - 105
Benzo[k]fluoranthene	6670	4980		ug/Kg		75	19 - 100
1,1'-Biphenyl	6670	4530		ug/Kg		68	50 - 100
Bis(2-chloroethoxy)methane	6670	4330		ug/Kg		65	49 - 100
Bis(2-chloroethyl)ether	6670	4330		ug/Kg		65	48 - 100
Bis(2-ethylhexyl) phthalate	6670	4910		ug/Kg		74	53 - 107
4-Bromophenyl phenyl ether	6670	4950		ug/Kg		74	52 - 101
Butyl benzyl phthalate	6670	4920		ug/Kg		74	52 - 107
Caprolactam	6670	4980		ug/Kg		75	48 - 111
Carbazole	6670	4630		ug/Kg		69	53 - 100
4-Chloroaniline	6670	4610		ug/Kg		69	47 - 100
4-Chloro-3-methylphenol	6670	5000		ug/Kg		75	49 - 106
2-Chloronaphthalene	6670	4290		ug/Kg		64	51 - 100
2-Chlorophenol	6670	4510		ug/Kg		68	51 - 100
4-Chlorophenyl phenyl ether	6670	4610		ug/Kg		69	52 - 100
Chrysene	6670	4020		ug/Kg		60	50 - 100

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432159/2-A
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	6670	4550		ug/Kg		68	50 - 107
Dibenzofuran	6670	4380		ug/Kg		66	52 - 100
3,3'-Dichlorobenzidine	6670	4870		ug/Kg		73	43 - 100
2,4-Dichlorophenol	6670	4600		ug/Kg		69	53 - 101
Diethyl phthalate	6670	4700		ug/Kg		71	48 - 104
2,4-Dimethylphenol	6670	5310		ug/Kg		80	51 - 101
Dimethyl phthalate	6670	4810		ug/Kg		72	53 - 100
Di-n-butyl phthalate	6670	5100		ug/Kg		77	57 - 102
4,6-Dinitro-2-methylphenol	13300	10100		ug/Kg		76	51 - 100
2,4-Dinitrophenol	13300	8940		ug/Kg		67	33 - 101
2,4-Dinitrotoluene	6670	5080		ug/Kg		76	54 - 104
2,6-Dinitrotoluene	6670	4860		ug/Kg		73	51 - 106
Di-n-octyl phthalate	6670	6820		ug/Kg		102	41 - 106
1,4-Dioxane	6670	6370		ug/Kg		96	25 - 125
Fluoranthene	6670	4980		ug/Kg		75	55 - 100
Fluorene	6670	4690		ug/Kg		70	52 - 100
Hexachlorobenzene	6670	4770		ug/Kg		72	49 - 100
Hexachlorobutadiene	6670	4760		ug/Kg		71	38 - 107
Hexachlorocyclopentadiene	6670	5160		ug/Kg		77	33 - 117
Hexachloroethane	6670	4470		ug/Kg		67	47 - 100
Indeno[1,2,3-cd]pyrene	6670	4840		ug/Kg		73	51 - 103
Isophorone	6670	5160		ug/Kg		77	48 - 105
2-Methylnaphthalene	6670	4670		ug/Kg		70	53 - 100
2-Methylphenol	6670	4290		ug/Kg		64	50 - 101
Methylphenol, 3 & 4	6670	4240		ug/Kg		64	50 - 103
Naphthalene	6670	4430		ug/Kg		66	51 - 100
2-Nitroaniline	6670	6100		ug/Kg		92	42 - 123
3-Nitroaniline	6670	4890		ug/Kg		73	50 - 103
4-Nitroaniline	6670	5010		ug/Kg		75	52 - 103
Nitrobenzene	6670	5340		ug/Kg		80	44 - 108
2-Nitrophenol	6670	5200		ug/Kg		78	55 - 107
4-Nitrophenol	13300	13100		ug/Kg		98	30 - 134
N-Nitrosodi-n-propylamine	6670	4880		ug/Kg		73	45 - 107
N-Nitrosodiphenylamine	6670	4850		ug/Kg		73	52 - 100
2,2'-oxybis[1-chloropropane]	6670	3760		ug/Kg		56	30 - 113
Pentachlorophenol	13300	10700		ug/Kg		80	42 - 110
Phenanthrene	6670	4520		ug/Kg		68	53 - 100
Phenol	6670	4420		ug/Kg		66	49 - 100
Pyrene	6670	4310		ug/Kg		65	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	4620		ug/Kg		69	41 - 104
2,3,4,6-Tetrachlorophenol	6670	4950		ug/Kg		74	47 - 104
2,4,5-Trichlorophenol	6670	4730		ug/Kg		71	50 - 104
2,4,6-Trichlorophenol	6670	4860		ug/Kg		73	50 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*63*		*44 - 105*
2-Fluorophenol (Surr)	*79*		*48 - 105*
Nitrobenzene-d5 (Surr)	*79*		*46 - 105*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432159/2-A
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432159

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Phenol-d5 (Surr)	*65*		*46 - 105*
Terphenyl-d14 (Surr)	*64*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*

Lab Sample ID: 180-154714-4 MS
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		7970	7360		ug/Kg	☼	92	50 - 100
Acenaphthylene	310		7970	7910		ug/Kg	☼	95	52 - 100
Acetophenone	ND		7970	6750		ug/Kg	☼	85	48 - 100
Anthracene	140		7970	7620		ug/Kg	☼	94	53 - 100
Atrazine	ND		7970	7260		ug/Kg	☼	91	49 - 103
Benzaldehyde	ND		7970	5210		ug/Kg	☼	65	23 - 105
Benzo[a]anthracene	240	F1	7970	8350	F1	ug/Kg	☼	102	51 - 100
Benzo[a]pyrene	300	F1	7970	8540	F1	ug/Kg	☼	103	51 - 100
Benzo[b]fluoranthene	480	F1	7970	8920	F1	ug/Kg	☼	106	48 - 100
Benzo[g,h,i]perylene	320		7970	8130		ug/Kg	☼	98	48 - 105
Benzo[k]fluoranthene	140		7970	8150		ug/Kg	☼	100	19 - 100
1,1'-Biphenyl	ND		7970	7110		ug/Kg	☼	89	50 - 100
Bis(2-chloroethoxy)methane	ND		7970	6310		ug/Kg	☼	79	49 - 100
Bis(2-chloroethyl)ether	ND		7970	6640		ug/Kg	☼	83	48 - 100
Bis(2-ethylhexyl) phthalate	ND	F1	7970	8780	F1	ug/Kg	☼	110	53 - 107
4-Bromophenyl phenyl ether	ND		7970	7680		ug/Kg	☼	96	52 - 101
Butyl benzyl phthalate	ND	F1	7970	8660	F1	ug/Kg	☼	109	52 - 107
Caprolactam	ND		7970	8090		ug/Kg	☼	101	48 - 111
Carbazole	35	J	7970	6990		ug/Kg	☼	87	53 - 100
4-Chloroaniline	ND		7970	6940		ug/Kg	☼	87	47 - 100
4-Chloro-3-methylphenol	ND		7970	7960		ug/Kg	☼	100	49 - 106
2-Chloronaphthalene	ND		7970	6740		ug/Kg	☼	85	51 - 100
2-Chlorophenol	ND		7970	6920		ug/Kg	☼	87	51 - 100
4-Chlorophenyl phenyl ether	ND		7970	7240		ug/Kg	☼	91	52 - 100
Chrysene	320		7970	7610		ug/Kg	☼	91	50 - 100
Dibenz(a,h)anthracene	73	J	7970	8180		ug/Kg	☼	102	50 - 107
Dibenzofuran	ND		7970	6940		ug/Kg	☼	87	52 - 100
3,3'-Dichlorobenzidine	ND		7970	7030		ug/Kg	☼	88	43 - 100
2,4-Dichlorophenol	ND		7970	7060		ug/Kg	☼	89	53 - 101
Diethyl phthalate	ND		7970	7520		ug/Kg	☼	94	48 - 104
2,4-Dimethylphenol	ND		7970	7860		ug/Kg	☼	99	51 - 101
Dimethyl phthalate	ND		7970	7900		ug/Kg	☼	99	53 - 100
Di-n-butyl phthalate	ND		7970	7630		ug/Kg	☼	96	57 - 102
4,6-Dinitro-2-methylphenol	ND		15900	15700		ug/Kg	☼	98	51 - 100
2,4-Dinitrophenol	ND		15900	13400		ug/Kg	☼	84	33 - 101
2,4-Dinitrotoluene	ND		7970	8300		ug/Kg	☼	104	54 - 104
2,6-Dinitrotoluene	ND		7970	7630		ug/Kg	☼	96	51 - 106
Di-n-octyl phthalate	ND	F1	7970	10800	F1	ug/Kg	☼	136	41 - 106
1,4-Dioxane	ND		7970	9100		ug/Kg	☼	114	25 - 125

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154714-4 MS
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	350		7970	7360		ug/Kg	☼	88	55 - 100
Fluorene	29	J	7970	7300		ug/Kg	☼	91	52 - 100
Hexachlorobenzene	ND		7970	7300		ug/Kg	☼	92	49 - 100
Hexachlorobutadiene	ND		7970	6970		ug/Kg	☼	88	38 - 107
Hexachlorocyclopentadiene	ND		7970	7610		ug/Kg	☼	96	33 - 117
Hexachloroethane	ND		7970	6500		ug/Kg	☼	82	47 - 100
Indeno[1,2,3-cd]pyrene	250	F1	7970	8890	F1	ug/Kg	☼	108	51 - 103
Isophorone	ND		7970	7990		ug/Kg	☼	100	48 - 105
2-Methylnaphthalene	80		7970	7330		ug/Kg	☼	91	53 - 100
2-Methylphenol	ND		7970	6630		ug/Kg	☼	83	50 - 101
Methylphenol, 3 & 4	ND		7970	6750		ug/Kg	☼	85	50 - 103
Naphthalene	85		7970	6880		ug/Kg	☼	85	51 - 100
2-Nitroaniline	ND	F1	7970	9880	F1	ug/Kg	☼	124	42 - 123
3-Nitroaniline	ND		7970	7580		ug/Kg	☼	95	50 - 103
4-Nitroaniline	ND		7970	7430		ug/Kg	☼	93	52 - 103
Nitrobenzene	ND		7970	8090		ug/Kg	☼	102	44 - 108
2-Nitrophenol	ND		7970	8150		ug/Kg	☼	102	55 - 107
4-Nitrophenol	ND	F1	15900	22300	F1	ug/Kg	☼	140	30 - 134
N-Nitrosodi-n-propylamine	ND		7970	7540		ug/Kg	☼	95	45 - 107
N-Nitrosodiphenylamine	ND		7970	7590		ug/Kg	☼	95	52 - 100
2,2'-oxybis[1-chloropropane]	ND		7970	5730		ug/Kg	☼	72	30 - 113
Pentachlorophenol	ND		15900	15600		ug/Kg	☼	98	42 - 110
Phenanthrene	140		7970	7170		ug/Kg	☼	88	53 - 100
Phenol	ND		7970	6790		ug/Kg	☼	85	49 - 100
Pyrene	530	F1	7970	8990	F1	ug/Kg	☼	106	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		7970	7140		ug/Kg	☼	90	41 - 104
2,3,4,6-Tetrachlorophenol	ND		7970	7650		ug/Kg	☼	96	47 - 104
2,4,5-Trichlorophenol	ND		7970	7640		ug/Kg	☼	96	50 - 104
2,4,6-Trichlorophenol	ND		7970	7740		ug/Kg	☼	97	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*82*		*44 - 105*
2-Fluorophenol (Surr)	*94*		*48 - 105*
Nitrobenzene-d5 (Surr)	*98*		*46 - 105*
Phenol-d5 (Surr)	*83*		*46 - 105*
Terphenyl-d14 (Surr)	*95*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*98*		*34 - 108*

Lab Sample ID: 180-154714-4 MSD
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		8020	6760		ug/Kg	☼	84	50 - 100	9	20
Acenaphthylene	310		8020	7330		ug/Kg	☼	88	52 - 100	8	20
Acetophenone	ND		8020	6330		ug/Kg	☼	79	48 - 100	6	17
Anthracene	140		8020	7280		ug/Kg	☼	89	53 - 100	5	20
Atrazine	ND		8020	6760		ug/Kg	☼	84	49 - 103	7	19

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154714-4 MSD
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzaldehyde	ND		8020	5200		ug/Kg	☼	65	23 - 105	0	31
Benzo[a]anthracene	240	F1	8020	7840		ug/Kg	☼	95	51 - 100	6	21
Benzo[a]pyrene	300	F1	8020	8180		ug/Kg	☼	98	51 - 100	4	20
Benzo[b]fluoranthene	480	F1	8020	8130		ug/Kg	☼	95	48 - 100	9	20
Benzo[g,h,i]perylene	320		8020	7640		ug/Kg	☼	91	48 - 105	6	19
Benzo[k]fluoranthene	140		8020	7800		ug/Kg	☼	95	19 - 100	4	20
1,1'-Biphenyl	ND		8020	6560		ug/Kg	☼	82	50 - 100	8	19
Bis(2-chloroethoxy)methane	ND		8020	6070		ug/Kg	☼	76	49 - 100	4	20
Bis(2-chloroethyl)ether	ND		8020	6190		ug/Kg	☼	77	48 - 100	7	18
Bis(2-ethylhexyl) phthalate	ND	F1	8020	8220		ug/Kg	☼	102	53 - 107	7	20
4-Bromophenyl phenyl ether	ND		8020	7430		ug/Kg	☼	93	52 - 101	3	20
Butyl benzyl phthalate	ND	F1	8020	7870		ug/Kg	☼	98	52 - 107	10	19
Caprolactam	ND		8020	7910		ug/Kg	☼	99	48 - 111	2	23
Carbazole	35	J	8020	6530		ug/Kg	☼	81	53 - 100	7	20
4-Chloroaniline	ND		8020	6340		ug/Kg	☼	79	47 - 100	9	20
4-Chloro-3-methylphenol	ND		8020	7420		ug/Kg	☼	92	49 - 106	7	20
2-Chloronaphthalene	ND		8020	6260		ug/Kg	☼	78	51 - 100	7	20
2-Chlorophenol	ND		8020	6410		ug/Kg	☼	80	51 - 100	8	17
4-Chlorophenyl phenyl ether	ND		8020	6750		ug/Kg	☼	84	52 - 100	7	19
Chrysene	320		8020	7160		ug/Kg	☼	85	50 - 100	6	20
Dibenz(a,h)anthracene	73	J	8020	7850		ug/Kg	☼	97	50 - 107	4	21
Dibenzofuran	ND		8020	6390		ug/Kg	☼	80	52 - 100	8	19
3,3'-Dichlorobenzidine	ND		8020	6820		ug/Kg	☼	85	43 - 100	3	19
2,4-Dichlorophenol	ND		8020	6710		ug/Kg	☼	84	53 - 101	5	22
Diethyl phthalate	ND		8020	6900		ug/Kg	☼	86	48 - 104	9	20
2,4-Dimethylphenol	ND		8020	7450		ug/Kg	☼	93	51 - 101	5	32
Dimethyl phthalate	ND		8020	7170		ug/Kg	☼	89	53 - 100	10	21
Di-n-butyl phthalate	ND		8020	7080		ug/Kg	☼	88	57 - 102	7	20
4,6-Dinitro-2-methylphenol	ND		16000	13800		ug/Kg	☼	86	51 - 100	13	22
2,4-Dinitrophenol	ND		16000	11700		ug/Kg	☼	73	33 - 101	14	20
2,4-Dinitrotoluene	ND		8020	7380		ug/Kg	☼	92	54 - 104	12	20
2,6-Dinitrotoluene	ND		8020	7090		ug/Kg	☼	88	51 - 106	7	20
Di-n-octyl phthalate	ND	F1	8020	10200	F1	ug/Kg	☼	127	41 - 106	6	18
1,4-Dioxane	ND		8020	8140		ug/Kg	☼	101	25 - 125	11	17
Fluoranthene	350		8020	7090		ug/Kg	☼	84	55 - 100	4	20
Fluorene	29	J	8020	6940		ug/Kg	☼	86	52 - 100	5	19
Hexachlorobenzene	ND		8020	6670		ug/Kg	☼	83	49 - 100	9	20
Hexachlorobutadiene	ND		8020	6600		ug/Kg	☼	82	38 - 107	5	22
Hexachlorocyclopentadiene	ND		8020	7140		ug/Kg	☼	89	33 - 117	6	19
Hexachloroethane	ND		8020	6070		ug/Kg	☼	76	47 - 100	7	17
Indeno[1,2,3-cd]pyrene	250	F1	8020	8490		ug/Kg	☼	103	51 - 103	5	19
Isophorone	ND		8020	7450		ug/Kg	☼	93	48 - 105	7	20
2-Methylnaphthalene	80		8020	6870		ug/Kg	☼	85	53 - 100	6	21
2-Methylphenol	ND		8020	6060		ug/Kg	☼	76	50 - 101	9	17
Methylphenol, 3 & 4	ND		8020	6130		ug/Kg	☼	76	50 - 103	9	19
Naphthalene	85		8020	6470		ug/Kg	☼	80	51 - 100	6	20
2-Nitroaniline	ND	F1	8020	9070		ug/Kg	☼	113	42 - 123	9	19
3-Nitroaniline	ND		8020	7040		ug/Kg	☼	88	50 - 103	7	20
4-Nitroaniline	ND		8020	7160		ug/Kg	☼	89	52 - 103	4	18

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154714-4 MSD
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrobenzene	ND		8020	7640		ug/Kg	☼	95	44 - 108	6	21
2-Nitrophenol	ND		8020	7760		ug/Kg	☼	97	55 - 107	5	19
4-Nitrophenol	ND	F1	16000	20600		ug/Kg	☼	128	30 - 134	8	18
N-Nitrosodi-n-propylamine	ND		8020	6960		ug/Kg	☼	87	45 - 107	8	18
N-Nitrosodiphenylamine	ND		8020	7030		ug/Kg	☼	88	52 - 100	8	20
2,2'-oxybis[1-chloropropane]	ND		8020	5280		ug/Kg	☼	66	30 - 113	8	17
Pentachlorophenol	ND		16000	14500		ug/Kg	☼	90	42 - 110	7	20
Phenanthrene	140		8020	6720		ug/Kg	☼	82	53 - 100	6	20
Phenol	ND		8020	6210		ug/Kg	☼	77	49 - 100	9	16
Pyrene	530	F1	8020	8350		ug/Kg	☼	97	52 - 100	7	20
1,2,4,5-Tetrachlorobenzene	ND		8020	6610		ug/Kg	☼	82	41 - 104	8	21
2,3,4,6-Tetrachlorophenol	ND		8020	7190		ug/Kg	☼	90	47 - 104	6	18
2,4,5-Trichlorophenol	ND		8020	7030		ug/Kg	☼	88	50 - 104	8	21
2,4,6-Trichlorophenol	ND		8020	7290		ug/Kg	☼	91	50 - 105	6	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*73*		*44 - 105*
2-Fluorophenol (Surr)	*91*		*48 - 105*
Nitrobenzene-d5 (Surr)	*94*		*46 - 105*
Phenol-d5 (Surr)	*77*		*46 - 105*
Terphenyl-d14 (Surr)	*89*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*93*		*34 - 108*

Lab Sample ID: 180-154714-16 MS
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 432159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		6740	5490		ug/Kg	☼	81	50 - 100
Acenaphthylene	92		6740	5460		ug/Kg	☼	80	52 - 100
Acetophenone	ND		6740	5120		ug/Kg	☼	76	48 - 100
Anthracene	340		6740	5860		ug/Kg	☼	82	53 - 100
Atrazine	ND		6740	5500		ug/Kg	☼	82	49 - 103
Benzaldehyde	ND		6740	4240		ug/Kg	☼	63	23 - 105
Benzo[a]anthracene	130		6740	6030		ug/Kg	☼	87	51 - 100
Benzo[a]pyrene	120		6740	5720		ug/Kg	☼	83	51 - 100
Benzo[b]fluoranthene	220	F2	6740	4710		ug/Kg	☼	67	48 - 100
Benzo[g,h,i]perylene	95		6740	5300		ug/Kg	☼	77	48 - 105
Benzo[k]fluoranthene	73	F2	6740	4780		ug/Kg	☼	70	19 - 100
1,1'-Biphenyl	ND		6740	5360		ug/Kg	☼	79	50 - 100
Bis(2-chloroethoxy)methane	ND		6740	4930		ug/Kg	☼	73	49 - 100
Bis(2-chloroethyl)ether	ND		6740	4910		ug/Kg	☼	73	48 - 100
Bis(2-ethylhexyl) phthalate	ND		6740	6320		ug/Kg	☼	94	53 - 107
4-Bromophenyl phenyl ether	ND		6740	5910		ug/Kg	☼	88	52 - 101
Butyl benzyl phthalate	ND		6740	6140		ug/Kg	☼	91	52 - 107
Caprolactam	ND		6740	6030		ug/Kg	☼	89	48 - 111
Carbazole	19	J	6740	5360		ug/Kg	☼	79	53 - 100
4-Chloroaniline	ND		6740	5270		ug/Kg	☼	78	47 - 100

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154714-16 MS
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 432159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloro-3-methylphenol	ND		6740	6090		ug/Kg	☼	90	49 - 106
2-Chloronaphthalene	ND		6740	5080		ug/Kg	☼	75	51 - 100
2-Chlorophenol	ND		6740	5230		ug/Kg	☼	78	51 - 100
4-Chlorophenyl phenyl ether	ND		6740	5530		ug/Kg	☼	82	52 - 100
Chrysene	140		6740	5100		ug/Kg	☼	74	50 - 100
Dibenz(a,h)anthracene	ND		6740	5760		ug/Kg	☼	85	50 - 107
Dibenzofuran	ND		6740	5210		ug/Kg	☼	77	52 - 100
3,3'-Dichlorobenzidine	ND		6740	5970		ug/Kg	☼	89	43 - 100
2,4-Dichlorophenol	ND		6740	5290		ug/Kg	☼	78	53 - 101
Diethyl phthalate	ND		6740	5670		ug/Kg	☼	84	48 - 104
2,4-Dimethylphenol	ND		6740	6060		ug/Kg	☼	90	51 - 101
Dimethyl phthalate	ND		6740	5870		ug/Kg	☼	87	53 - 100
Di-n-butyl phthalate	ND		6740	5980		ug/Kg	☼	89	57 - 102
4,6-Dinitro-2-methylphenol	ND		13500	11100		ug/Kg	☼	82	51 - 100
2,4-Dinitrophenol	ND		13500	9610		ug/Kg	☼	71	33 - 101
2,4-Dinitrotoluene	ND		6740	6170		ug/Kg	☼	92	54 - 104
2,6-Dinitrotoluene	ND		6740	5790		ug/Kg	☼	86	51 - 106
Di-n-octyl phthalate	ND	F1 F2	6740	6040		ug/Kg	☼	90	41 - 106
1,4-Dioxane	ND		6740	6860		ug/Kg	☼	102	25 - 125
Fluoranthene	140		6740	5390		ug/Kg	☼	78	55 - 100
Fluorene	21	J	6740	5530		ug/Kg	☼	82	52 - 100
Hexachlorobenzene	ND		6740	5470		ug/Kg	☼	81	49 - 100
Hexachlorobutadiene	ND		6740	5330		ug/Kg	☼	79	38 - 107
Hexachlorocyclopentadiene	ND		6740	5470		ug/Kg	☼	81	33 - 117
Hexachloroethane	ND		6740	4990		ug/Kg	☼	74	47 - 100
Indeno[1,2,3-cd]pyrene	74		6740	6010		ug/Kg	☼	88	51 - 103
Isophorone	ND		6740	6160		ug/Kg	☼	91	48 - 105
2-Methylnaphthalene	86		6740	5550		ug/Kg	☼	81	53 - 100
2-Methylphenol	ND		6740	4920		ug/Kg	☼	73	50 - 101
Methylphenol, 3 & 4	ND		6740	5000		ug/Kg	☼	74	50 - 103
Naphthalene	66		6740	5220		ug/Kg	☼	76	51 - 100
2-Nitroaniline	ND		6740	7580		ug/Kg	☼	112	42 - 123
3-Nitroaniline	ND		6740	5800		ug/Kg	☼	86	50 - 103
4-Nitroaniline	ND		6740	5840		ug/Kg	☼	87	52 - 103
Nitrobenzene	ND		6740	6310		ug/Kg	☼	94	44 - 108
2-Nitrophenol	ND		6740	6190		ug/Kg	☼	92	55 - 107
4-Nitrophenol	ND		13500	16800		ug/Kg	☼	125	30 - 134
N-Nitrosodi-n-propylamine	ND		6740	5630		ug/Kg	☼	83	45 - 107
N-Nitrosodiphenylamine	ND		6740	5510		ug/Kg	☼	82	52 - 100
2,2'-oxybis[1-chloropropane]	ND		6740	4320		ug/Kg	☼	64	30 - 113
Pentachlorophenol	ND		13500	11700		ug/Kg	☼	87	42 - 110
Phenanthrene	76		6740	5220		ug/Kg	☼	76	53 - 100
Phenol	ND		6740	5150		ug/Kg	☼	76	49 - 100
Pyrene	190		6740	5680		ug/Kg	☼	81	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		6740	5440		ug/Kg	☼	81	41 - 104
2,3,4,6-Tetrachlorophenol	ND		6740	5780		ug/Kg	☼	86	47 - 104
2,4,5-Trichlorophenol	ND		6740	5780		ug/Kg	☼	86	50 - 104
2,4,6-Trichlorophenol	ND		6740	5800		ug/Kg	☼	86	50 - 105

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154714-16 MS
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 432159

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*44 - 105*
2-Fluorophenol (Surr)	*87*		*48 - 105*
Nitrobenzene-d5 (Surr)	*91*		*46 - 105*
Phenol-d5 (Surr)	*74*		*46 - 105*
Terphenyl-d14 (Surr)	*80*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*87*		*34 - 108*

Lab Sample ID: 180-154714-16 MSD
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 432159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		6790	5390		ug/Kg	☼	79	50 - 100	2	20
Acenaphthylene	92		6790	5480		ug/Kg	☼	79	52 - 100	0	20
Acetophenone	ND		6790	5330		ug/Kg	☼	78	48 - 100	4	17
Anthracene	340		6790	6060		ug/Kg	☼	84	53 - 100	3	20
Atrazine	ND		6790	5650		ug/Kg	☼	83	49 - 103	3	19
Benzaldehyde	ND		6790	4630		ug/Kg	☼	68	23 - 105	9	31
Benzo[a]anthracene	130		6790	5950		ug/Kg	☼	86	51 - 100	1	21
Benzo[a]pyrene	120		6790	6670		ug/Kg	☼	97	51 - 100	15	20
Benzo[b]fluoranthene	220	F2	6790	6760	F2	ug/Kg	☼	96	48 - 100	36	20
Benzo[g,h,i]perylene	95		6790	5490		ug/Kg	☼	80	48 - 105	4	19
Benzo[k]fluoranthene	73	F2	6790	6590	F2	ug/Kg	☼	96	19 - 100	32	20
1,1'-Biphenyl	ND		6790	5360		ug/Kg	☼	79	50 - 100	0	19
Bis(2-chloroethoxy)methane	ND		6790	4970		ug/Kg	☼	73	49 - 100	1	20
Bis(2-chloroethyl)ether	ND		6790	5230		ug/Kg	☼	77	48 - 100	6	18
Bis(2-ethylhexyl) phthalate	ND		6790	6190		ug/Kg	☼	91	53 - 107	2	20
4-Bromophenyl phenyl ether	ND		6790	6230		ug/Kg	☼	92	52 - 101	5	20
Butyl benzyl phthalate	ND		6790	6420		ug/Kg	☼	95	52 - 107	5	19
Caprolactam	ND		6790	6000		ug/Kg	☼	88	48 - 111	1	23
Carbazole	19	J	6790	5420		ug/Kg	☼	80	53 - 100	1	20
4-Chloroaniline	ND		6790	5420		ug/Kg	☼	80	47 - 100	3	20
4-Chloro-3-methylphenol	ND		6790	6030		ug/Kg	☼	89	49 - 106	1	20
2-Chloronaphthalene	ND		6790	5080		ug/Kg	☼	75	51 - 100	0	20
2-Chlorophenol	ND		6790	5420		ug/Kg	☼	80	51 - 100	4	17
4-Chlorophenyl phenyl ether	ND		6790	5520		ug/Kg	☼	81	52 - 100	0	19
Chrysene	140		6790	5000		ug/Kg	☼	72	50 - 100	2	20
Dibenz(a,h)anthracene	ND		6790	5850		ug/Kg	☼	86	50 - 107	2	21
Dibenzofuran	ND		6790	5150		ug/Kg	☼	76	52 - 100	1	19
3,3'-Dichlorobenzidine	ND		6790	5840		ug/Kg	☼	86	43 - 100	2	19
2,4-Dichlorophenol	ND		6790	5410		ug/Kg	☼	80	53 - 101	2	22
Diethyl phthalate	ND		6790	5560		ug/Kg	☼	82	48 - 104	2	20
2,4-Dimethylphenol	ND		6790	6230		ug/Kg	☼	92	51 - 101	3	32
Dimethyl phthalate	ND		6790	5760		ug/Kg	☼	85	53 - 100	2	21
Di-n-butyl phthalate	ND		6790	6060		ug/Kg	☼	89	57 - 102	1	20
4,6-Dinitro-2-methylphenol	ND		13600	11900		ug/Kg	☼	87	51 - 100	7	22
2,4-Dinitrophenol	ND		13600	9660		ug/Kg	☼	71	33 - 101	1	20
2,4-Dinitrotoluene	ND		6790	6100		ug/Kg	☼	90	54 - 104	1	20

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154714-16 MSD
Matrix: Solid
Analysis Batch: 432315

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 432159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,6-Dinitrotoluene	ND		6790	5730		ug/Kg	☼	84	51 - 106	1	20
Di-n-octyl phthalate	ND	F1 F2	6790	8510	F1 F2	ug/Kg	☼	125	41 - 106	34	18
1,4-Dioxane	ND		6790	7350		ug/Kg	☼	108	25 - 125	7	17
Fluoranthene	140		6790	5360		ug/Kg	☼	77	55 - 100	1	20
Fluorene	21	J	6790	5470		ug/Kg	☼	80	52 - 100	1	19
Hexachlorobenzene	ND		6790	5750		ug/Kg	☼	85	49 - 100	5	20
Hexachlorobutadiene	ND		6790	5450		ug/Kg	☼	80	38 - 107	2	22
Hexachlorocyclopentadiene	ND		6790	5450		ug/Kg	☼	80	33 - 117	0	19
Hexachloroethane	ND		6790	5060		ug/Kg	☼	75	47 - 100	1	17
Indeno[1,2,3-cd]pyrene	74		6790	6290		ug/Kg	☼	92	51 - 103	5	19
Isophorone	ND		6790	6220		ug/Kg	☼	92	48 - 105	1	20
2-Methylnaphthalene	86		6790	5550		ug/Kg	☼	81	53 - 100	0	21
2-Methylphenol	ND		6790	5260		ug/Kg	☼	77	50 - 101	7	17
Methylphenol, 3 & 4	ND		6790	5140		ug/Kg	☼	76	50 - 103	3	19
Naphthalene	66		6790	5200		ug/Kg	☼	76	51 - 100	0	20
2-Nitroaniline	ND		6790	7420		ug/Kg	☼	109	42 - 123	2	19
3-Nitroaniline	ND		6790	5790		ug/Kg	☼	85	50 - 103	0	20
4-Nitroaniline	ND		6790	5660		ug/Kg	☼	83	52 - 103	3	18
Nitrobenzene	ND		6790	6040		ug/Kg	☼	89	44 - 108	4	21
2-Nitrophenol	ND		6790	6180		ug/Kg	☼	91	55 - 107	0	19
4-Nitrophenol	ND		13600	16500		ug/Kg	☼	121	30 - 134	2	18
N-Nitrosodi-n-propylamine	ND		6790	5950		ug/Kg	☼	88	45 - 107	6	18
N-Nitrosodiphenylamine	ND		6790	5910		ug/Kg	☼	87	52 - 100	7	20
2,2'-oxybis[1-chloropropane]	ND		6790	4600		ug/Kg	☼	68	30 - 113	6	17
Pentachlorophenol	ND		13600	11800		ug/Kg	☼	87	42 - 110	1	20
Phenanthrene	76		6790	5520		ug/Kg	☼	80	53 - 100	6	20
Phenol	ND		6790	5300		ug/Kg	☼	78	49 - 100	3	16
Pyrene	190		6790	5560		ug/Kg	☼	79	52 - 100	2	20
1,2,4,5-Tetrachlorobenzene	ND		6790	5400		ug/Kg	☼	80	41 - 104	1	21
2,3,4,6-Tetrachlorophenol	ND		6790	5690		ug/Kg	☼	84	47 - 104	2	18
2,4,5-Trichlorophenol	ND		6790	5620		ug/Kg	☼	83	50 - 104	3	21
2,4,6-Trichlorophenol	ND		6790	5660		ug/Kg	☼	83	50 - 105	2	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*44 - 105*
2-Fluorophenol (Surr)	*89*		*48 - 105*
Nitrobenzene-d5 (Surr)	*87*		*46 - 105*
Phenol-d5 (Surr)	*76*		*46 - 105*
Terphenyl-d14 (Surr)	*79*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*92*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-431859/1-A
Matrix: Solid
Analysis Batch: 431887

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431859

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		04/10/23 17:06	04/11/23 21:08	1

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 180-431859/1-A
Matrix: Solid
Analysis Batch: 431887

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431859

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		17	5.9	ug/Kg		04/10/23 17:06	04/11/23 21:08	1
PCB-1232	ND		17	4.1	ug/Kg		04/10/23 17:06	04/11/23 21:08	1
PCB-1242	ND		17	2.4	ug/Kg		04/10/23 17:06	04/11/23 21:08	1
PCB-1248	ND		17	4.0	ug/Kg		04/10/23 17:06	04/11/23 21:08	1
PCB-1254	ND		17	5.0	ug/Kg		04/10/23 17:06	04/11/23 21:08	1
PCB-1260	ND		17	4.7	ug/Kg		04/10/23 17:06	04/11/23 21:08	1
PCB-1262	ND		17	5.9	ug/Kg		04/10/23 17:06	04/11/23 21:08	1
PCB-1268	ND		17	2.2	ug/Kg		04/10/23 17:06	04/11/23 21:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*100*		*63 - 138*	*04/10/23 17:06*	*04/11/23 21:08*	*1*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*	*04/10/23 17:06*	*04/11/23 21:08*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*04/10/23 17:06*	*04/11/23 21:08*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*	*04/10/23 17:06*	*04/11/23 21:08*	*1*

Lab Sample ID: LCS 180-431859/2-A
Matrix: Solid
Analysis Batch: 431887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 431859

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1280		ug/Kg		96	43 - 136		
PCB-1260			1330	1430		ug/Kg		107	55 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*99*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*96*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*91*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*98*		*55 - 135*

Lab Sample ID: 180-154714-16 MS
Matrix: Solid
Analysis Batch: 431887

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 431859

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1370	1590		ug/Kg	☼	116	43 - 136		
PCB-1260	ND		1370	1720		ug/Kg	☼	126	55 - 128		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*110*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*106*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*107*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*113*		*55 - 135*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-154714-16 MSD
Matrix: Solid
Analysis Batch: 431887

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 431859

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1370	1420		ug/Kg	☼	104	43 - 136	11	40
PCB-1260	ND		1370	1510		ug/Kg	☼	110	55 - 128	13	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*100*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*97*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*103*		*55 - 135*

Lab Sample ID: MB 180-432083/1-C
Matrix: Solid
Analysis Batch: 432155

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432083

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		04/12/23 11:32	04/13/23 17:23	1
PCB-1221	ND		17	5.9	ug/Kg		04/12/23 11:32	04/13/23 17:23	1
PCB-1232	ND		17	4.1	ug/Kg		04/12/23 11:32	04/13/23 17:23	1
PCB-1242	ND		17	2.4	ug/Kg		04/12/23 11:32	04/13/23 17:23	1
PCB-1248	ND		17	4.0	ug/Kg		04/12/23 11:32	04/13/23 17:23	1
PCB-1254	ND		17	5.0	ug/Kg		04/12/23 11:32	04/13/23 17:23	1
PCB-1260	ND		17	4.7	ug/Kg		04/12/23 11:32	04/13/23 17:23	1
PCB-1262	ND		17	5.9	ug/Kg		04/12/23 11:32	04/13/23 17:23	1
PCB-1268	ND		17	2.2	ug/Kg		04/12/23 11:32	04/13/23 17:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*106*		*63 - 138*	*04/12/23 11:32*	*04/13/23 17:23*	*1*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/12/23 11:32*	*04/13/23 17:23*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*	*04/12/23 11:32*	*04/13/23 17:23*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*55 - 135*	*04/12/23 11:32*	*04/13/23 17:23*	*1*

Lab Sample ID: LCS 180-432083/2-C
Matrix: Solid
Analysis Batch: 432155

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432083

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1300		ug/Kg		97	43 - 136		
PCB-1260			1330	1290		ug/Kg		97	55 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*91*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*89*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*95*		*55 - 135*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-154714-4 MS
Matrix: Solid
Analysis Batch: 432155

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432083

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		1600	1760		ug/Kg	☼	109	43 - 136
PCB-1260	64		1600	1830		ug/Kg	☼	110	55 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*98*		*55 - 135*

Lab Sample ID: 180-154714-4 MSD
Matrix: Solid
Analysis Batch: 432155

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432083

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1570	1790		ug/Kg	☼	114	43 - 136	2	40
PCB-1260	64		1570	1860		ug/Kg	☼	114	55 - 128	2	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*102*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*99*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*102*		*55 - 135*

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-431949/1-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Barium	ND		20	3.6	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Beryllium	ND		0.40	0.11	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Cadmium	ND		0.50	0.073	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Calcium	ND		500	65	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Chromium	ND		0.50	0.46	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Cobalt	ND		5.0	0.70	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Copper	ND		2.5	1.5	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Iron	ND		10	9.7	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Lead	ND		1.0	0.87	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Magnesium	ND		500	55	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Manganese	ND		1.5	0.28	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Nickel	ND		4.0	0.50	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Selenium	ND		1.0	0.46	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Silver	ND		0.50	0.10	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Sodium	ND		500	51	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Thallium	ND		2.0	0.28	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Vanadium	ND		5.0	0.79	mg/Kg		04/11/23 11:57	04/25/23 15:37	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-431949/2-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	581		mg/Kg		116	80 - 120
Barium	100	117		mg/Kg		117	80 - 120
Beryllium	50.0	59.0		mg/Kg		118	80 - 120
Cadmium	50.0	57.4		mg/Kg		115	80 - 120
Calcium	2500	2930		mg/Kg		117	80 - 120
Chromium	50.0	55.0		mg/Kg		110	80 - 120
Cobalt	50.0	57.9		mg/Kg		116	80 - 120
Copper	50.0	54.8		mg/Kg		110	80 - 120
Iron	500	596		mg/Kg		119	80 - 120
Lead	50.0	56.1		mg/Kg		112	80 - 120
Magnesium	2500	2900		mg/Kg		116	80 - 120
Manganese	50.0	56.6		mg/Kg		113	80 - 120
Nickel	50.0	57.4		mg/Kg		115	80 - 120
Selenium	100	116		mg/Kg		116	80 - 120
Silver	25.0	27.1		mg/Kg		108	80 - 120
Sodium	2500	3000		mg/Kg		120	80 - 120
Thallium	100	111		mg/Kg		111	80 - 120
Vanadium	50.0	54.4		mg/Kg		109	80 - 120

Lab Sample ID: 180-154714-4 MS
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	11000	F2	436	7160	4	mg/Kg	☼	-975	75 - 125
Barium	140	F1	87.2	185	F1	mg/Kg	☼	57	75 - 125
Beryllium	0.74		43.6	42.3		mg/Kg	☼	95	75 - 125
Calcium	5900	F1	2180	4030	F1	mg/Kg	☼	-86	75 - 125
Chromium	22		43.6	65.5		mg/Kg	☼	100	75 - 125
Cobalt	10		43.6	54.0		mg/Kg	☼	101	75 - 125
Copper	120	F1	43.6	168		mg/Kg	☼	113	75 - 125
Magnesium	1900	F1	2180	3390	F1	mg/Kg	☼	66	75 - 125
Manganese	440	F2	43.6	399	4	mg/Kg	☼	-89	75 - 125
Nickel	91	F1	43.6	142		mg/Kg	☼	118	75 - 125
Selenium	0.72	J	87.2	83.9		mg/Kg	☼	95	75 - 125
Silver	0.45	J	21.8	20.0		mg/Kg	☼	90	75 - 125
Sodium	240	J	2180	2200		mg/Kg	☼	90	75 - 125
Vanadium	20		43.6	53.9		mg/Kg	☼	77	75 - 125

Lab Sample ID: 180-154714-4 MS
Matrix: Solid
Analysis Batch: 433520

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.88	J	43.6	43.9		mg/Kg	☼	99	75 - 125
Iron	37000	F2	436	40700	4	mg/Kg	☼	754	75 - 125
Lead	91	F2 F1	43.6	128		mg/Kg	☼	86	75 - 125
Thallium	1.8	J	87.2	84.1		mg/Kg	☼	94	75 - 125

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154714-4 MSD
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	11000	F2	391	8910	4 F2	mg/Kg	☼	-640	75 - 125	22	20
Barium	140	F1	78.1	205		mg/Kg	☼	89	75 - 125	10	20
Beryllium	0.74		39.1	41.9		mg/Kg	☼	105	75 - 125	1	20
Calcium	5900	F1	1950	4480	F1	mg/Kg	☼	-73	75 - 125	11	20
Chromium	22		39.1	65.2		mg/Kg	☼	111	75 - 125	0	20
Cobalt	10		39.1	57.3		mg/Kg	☼	121	75 - 125	6	20
Copper	120	F1	39.1	206	F1	mg/Kg	☼	224	75 - 125	20	20
Magnesium	1900	F1	1950	3750		mg/Kg	☼	92	75 - 125	10	20
Manganese	440	F2	39.1	563	4 F2	mg/Kg	☼	319	75 - 125	34	20
Nickel	91	F1	39.1	172	F1	mg/Kg	☼	208	75 - 125	19	20
Selenium	0.72	J	78.1	81.3		mg/Kg	☼	103	75 - 125	3	20
Silver	0.45	J	19.5	20.1		mg/Kg	☼	101	75 - 125	0	20
Sodium	240	J	1950	2180		mg/Kg	☼	100	75 - 125	1	20
Vanadium	20		39.1	55.2		mg/Kg	☼	89	75 - 125	2	20

Lab Sample ID: 180-154714-4 MSD
Matrix: Solid
Analysis Batch: 433520

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	0.88	J	39.1	45.7		mg/Kg	☼	115	75 - 125	4	20
Iron	37000	F2	391	50600	4 F2	mg/Kg	☼	3381	75 - 125	22	20
Lead	91	F2 F1	39.1	159	F1 F2	mg/Kg	☼	176	75 - 125	22	20
Thallium	1.8	J	78.1	85.3		mg/Kg	☼	107	75 - 125	1	20

Lab Sample ID: 180-154714-16 MS
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7700		270	11400	4	mg/Kg	☼	1395	75 - 125
Barium	63	F1	53.9	154	F1	mg/Kg	☼	168	75 - 125
Beryllium	0.56	F2	27.0	22.7		mg/Kg	☼	82	75 - 125
Calcium	3800	F1	1350	4850		mg/Kg	☼	77	75 - 125
Chromium	9.4	F2	27.0	34.5		mg/Kg	☼	93	75 - 125
Cobalt	7.1	F1	27.0	41.1	F1	mg/Kg	☼	126	75 - 125
Copper	46	F1	27.0	57.7	F1	mg/Kg	☼	44	75 - 125
Magnesium	2400	F1	1350	4200	F1	mg/Kg	☼	136	75 - 125
Manganese	360		27.0	538	4	mg/Kg	☼	674	75 - 125
Nickel	28		27.0	59.2		mg/Kg	☼	115	75 - 125
Selenium	ND	F2	53.9	43.3		mg/Kg	☼	80	75 - 125
Silver	0.16	J F2	13.5	10.4		mg/Kg	☼	76	75 - 125
Sodium	ND	F2	1350	1180		mg/Kg	☼	88	75 - 125
Vanadium	11	F2	27.0	36.4		mg/Kg	☼	95	75 - 125

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154714-16 MS
Matrix: Solid
Analysis Batch: 433520

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.81	J F2	27.0	26.1		mg/Kg	☼	94	75 - 125
Iron	20000		270	27500	4	mg/Kg	☼	2749	75 - 125
Lead	34	F2 F1	27.0	80.9	F1	mg/Kg	☼	173	75 - 125
Thallium	ND	F2	53.9	54.4		mg/Kg	☼	101	75 - 125

Lab Sample ID: 180-154714-16 MSD
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	7700		324	11400	4	mg/Kg	☼	1150	75 - 125	0	20
Barium	63	F1	64.9	170	F1	mg/Kg	☼	165	75 - 125	10	20
Beryllium	0.56	F2	32.4	32.2	F2	mg/Kg	☼	98	75 - 125	34	20
Calcium	3800	F1	1620	4350	F1	mg/Kg	☼	34	75 - 125	11	20
Chromium	9.4	F2	32.4	46.4	F2	mg/Kg	☼	114	75 - 125	30	20
Cobalt	7.1	F1	32.4	50.2	F1	mg/Kg	☼	133	75 - 125	20	20
Copper	46	F1	32.4	69.5	F1	mg/Kg	☼	73	75 - 125	19	20
Magnesium	2400	F1	1620	4400	F1	mg/Kg	☼	126	75 - 125	5	20
Manganese	360		32.4	589	4	mg/Kg	☼	718	75 - 125	9	20
Nickel	28		32.4	67.2		mg/Kg	☼	120	75 - 125	13	20
Selenium	ND	F2	64.9	63.0	F2	mg/Kg	☼	97	75 - 125	37	20
Silver	0.16	J F2	16.2	15.2	F2	mg/Kg	☼	93	75 - 125	37	20
Sodium	ND	F2	1620	1690	F2	mg/Kg	☼	104	75 - 125	36	20
Vanadium	11	F2	32.4	46.7	F2	mg/Kg	☼	111	75 - 125	25	20

Lab Sample ID: 180-154714-16 MSD
Matrix: Solid
Analysis Batch: 433520

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	0.81	J F2	32.4	36.2	F2	mg/Kg	☼	109	75 - 125	33	20
Iron	20000		324	27500	4	mg/Kg	☼	2285	75 - 125	0	20
Lead	34	F2 F1	32.4	121	F1 F2	mg/Kg	☼	269	75 - 125	40	20
Thallium	ND	F2	64.9	73.0	F2	mg/Kg	☼	113	75 - 125	29	20

Lab Sample ID: MB 180-432221/1-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Antimony	ND		1.0	0.30	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Arsenic	ND		1.0	0.63	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Barium	ND		20	3.6	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Beryllium	ND		0.40	0.11	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Cadmium	ND		0.50	0.073	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Calcium	ND		500	65	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Chromium	ND		0.50	0.46	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Cobalt	ND		5.0	0.70	mg/Kg		04/13/23 11:08	04/29/23 23:13	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 180-432221/1-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		2.5	1.5	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Iron	ND		10	9.7	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Lead	ND		1.0	0.87	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Magnesium	ND		500	55	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Manganese	ND		1.5	0.28	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Nickel	ND		4.0	0.50	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Potassium	ND		500	85	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Selenium	ND		1.0	0.46	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Silver	ND		0.50	0.10	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Sodium	ND		500	51	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Thallium	ND		2.0	0.28	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Vanadium	ND		5.0	0.79	mg/Kg		04/13/23 11:08	04/29/23 23:13	1
Zinc	2.63		2.0	1.5	mg/Kg		04/13/23 11:08	04/29/23 23:13	1

Lab Sample ID: LCS 180-432221/2-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432221

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	548		mg/Kg		110	80 - 120
Antimony	25.0	26.7		mg/Kg		107	80 - 120
Arsenic	100	115		mg/Kg		115	80 - 120
Barium	100	109		mg/Kg		109	80 - 120
Beryllium	50.0	54.8		mg/Kg		110	80 - 120
Cadmium	50.0	53.9		mg/Kg		108	80 - 120
Calcium	2500	2760		mg/Kg		110	80 - 120
Chromium	50.0	53.6		mg/Kg		107	80 - 120
Cobalt	50.0	53.6		mg/Kg		107	80 - 120
Copper	50.0	54.2		mg/Kg		108	80 - 120
Iron	500	554		mg/Kg		111	80 - 120
Lead	50.0	53.1		mg/Kg		106	80 - 120
Magnesium	2500	2720		mg/Kg		109	80 - 120
Manganese	50.0	53.1		mg/Kg		106	80 - 120
Nickel	50.0	53.2		mg/Kg		106	80 - 120
Potassium	2500	2740		mg/Kg		110	80 - 120
Selenium	100	110		mg/Kg		110	80 - 120
Silver	25.0	26.3		mg/Kg		105	80 - 120
Sodium	2500	2760		mg/Kg		110	80 - 120
Thallium	100	105		mg/Kg		105	80 - 120
Vanadium	50.0	53.7		mg/Kg		107	80 - 120
Zinc	25.0	28.6		mg/Kg		114	80 - 120

Lab Sample ID: MB 180-433398/1-A
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433398

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.30	mg/Kg		04/26/23 07:47	04/27/23 09:26	1
Arsenic	ND		1.0	0.63	mg/Kg		04/26/23 07:47	04/27/23 09:26	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 180-433398/1-A
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433398

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	ND		500	85	mg/Kg		04/26/23 07:47	04/27/23 09:26	1
Zinc	2.68		2.0	1.5	mg/Kg		04/26/23 07:47	04/27/23 09:26	1

Lab Sample ID: LCS 180-433398/2-A
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	25.0	23.3		mg/Kg		93	80 - 120
Arsenic	100	98.1		mg/Kg		98	80 - 120
Potassium	2500	2440		mg/Kg		98	80 - 120
Zinc	25.0	27.6		mg/Kg		110	80 - 120

Lab Sample ID: 180-154714-4 MS
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	1.1	F2 F1	31.3	22.2	F1	mg/Kg	☼	68	75 - 125
Potassium	880	F2	3130	3930		mg/Kg	☼	97	75 - 125
Zinc	220	F2 B	31.3	373	4	mg/Kg	☼	493	75 - 125

Lab Sample ID: 180-154714-4 MS
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	13	F2	125	159		mg/Kg	☼	117	75 - 125

Lab Sample ID: 180-154714-4 MSD
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433398

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	1.1	F2 F1	17.5	8.91	F2 F1	mg/Kg	☼	45	75 - 125	85	20
Potassium	880	F2	1750	2360	F2	mg/Kg	☼	85	75 - 125	50	20
Zinc	220	F2 B	17.5	236	4 F2	mg/Kg	☼	97	75 - 125	45	20

Lab Sample ID: 180-154714-4 MSD
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433398

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	13	F2	70.0	86.1	F2	mg/Kg	☼	105	75 - 125	60	20

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154714-16 MS
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 433398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1	12.9	5.19	F1	mg/Kg	☼	40	75 - 125
Arsenic	7.2	F1	51.8	48.7		mg/Kg	☼	80	75 - 125
Potassium	640	F1	1290	1490	F1	mg/Kg	☼	66	75 - 125
Zinc	140	B	12.9	108	4	mg/Kg	☼	-213	75 - 125

Lab Sample ID: 180-154714-16 MSD
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 433398

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	13.5	5.24	F1	mg/Kg	☼	39	75 - 125	1	20
Arsenic	7.2	F1	53.9	46.6	F1	mg/Kg	☼	73	75 - 125	5	20
Potassium	640	F1	1350	1430	F1	mg/Kg	☼	59	75 - 125	4	20
Zinc	140	B	13.5	109	4	mg/Kg	☼	-197	75 - 125	1	20

Lab Sample ID: MB 180-433400/1-A
Matrix: Solid
Analysis Batch: 433826

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433400

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Antimony	ND		1.0	0.30	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Arsenic	ND		1.0	0.63	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Barium	ND		20	3.6	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Beryllium	ND		0.40	0.11	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Cadmium	ND		0.50	0.073	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Calcium	ND		500	65	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Chromium	ND		0.50	0.46	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Cobalt	ND		5.0	0.70	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Copper	ND		2.5	1.5	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Iron	14.1		10	9.7	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Lead	ND		1.0	0.87	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Magnesium	ND		500	55	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Manganese	ND		1.5	0.28	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Nickel	ND		4.0	0.50	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Potassium	ND		500	85	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Selenium	ND		1.0	0.46	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Silver	ND		0.50	0.10	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Sodium	ND		500	51	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Thallium	ND		2.0	0.28	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Vanadium	ND		5.0	0.79	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Zinc	2.50		2.0	1.5	mg/Kg		04/26/23 07:51	04/28/23 15:40	1

Lab Sample ID: LCS 180-433400/2-A
Matrix: Solid
Analysis Batch: 433826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433400

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	487		mg/Kg		97	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-433400/2-A
Matrix: Solid
Analysis Batch: 433826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433400

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	25.0	24.7		mg/Kg		99	80 - 120
Arsenic	100	101		mg/Kg		101	80 - 120
Barium	100	95.5		mg/Kg		96	80 - 120
Beryllium	50.0	48.6		mg/Kg		97	80 - 120
Cadmium	50.0	47.7		mg/Kg		95	80 - 120
Calcium	2500	2490		mg/Kg		100	80 - 120
Chromium	50.0	46.8		mg/Kg		94	80 - 120
Cobalt	50.0	46.3		mg/Kg		93	80 - 120
Copper	50.0	46.8		mg/Kg		94	80 - 120
Iron	500	508		mg/Kg		102	80 - 120
Lead	50.0	44.8		mg/Kg		90	80 - 120
Magnesium	2500	2490		mg/Kg		100	80 - 120
Manganese	50.0	47.2		mg/Kg		94	80 - 120
Nickel	50.0	45.8		mg/Kg		92	80 - 120
Potassium	2500	2430		mg/Kg		97	80 - 120
Selenium	100	94.4		mg/Kg		94	80 - 120
Silver	25.0	22.9		mg/Kg		92	80 - 120
Sodium	2500	2490		mg/Kg		100	80 - 120
Thallium	100	88.6		mg/Kg		89	80 - 120
Vanadium	50.0	46.3		mg/Kg		93	80 - 120
Zinc	25.0	26.2		mg/Kg		105	80 - 120

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 180-432804/1-A
Matrix: Solid
Analysis Batch: 433207

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432804

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.033	0.021	mg/Kg		04/21/23 11:30	04/24/23 12:26	1

Lab Sample ID: LCS 180-432804/2-A
Matrix: Solid
Analysis Batch: 433207

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432804

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.417	0.411		mg/Kg		99	80 - 120

Lab Sample ID: 180-154714-4 MS
Matrix: Solid
Analysis Batch: 433207

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432804

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.18	F1	0.201	0.311	F1	mg/Kg	☼	64	80 - 120

Method: EPA 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 180-154714-4 MSD
Matrix: Solid
Analysis Batch: 433207

Client Sample ID: SSHS-IRM5A2-SCV38-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432804

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.18	F1	0.185	0.333		mg/Kg	☼	81	80 - 120	7	20

Lab Sample ID: MB 180-433435/1-A
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433435

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.033	0.021	mg/Kg		04/27/23 08:15	04/28/23 11:03	1

Lab Sample ID: LCS 180-433435/2-A
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.417	0.379		mg/Kg		91	80 - 120

Lab Sample ID: 180-154714-16 MS
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 433435

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.96		0.171	1.34	4	mg/Kg	☼	223	80 - 120

Lab Sample ID: 180-154714-16 MSD
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: SSHS-IRM5A2-SCV43-0-0.17
Prep Type: Total/NA
Prep Batch: 433435

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.96		0.160	1.19	4	mg/Kg	☼	146	80 - 120	12	20

GC/MS VOA

Analysis Batch: 431907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	EPA 8260C	431981
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	EPA 8260C	431981
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	EPA 8260C	431981
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	EPA 8260C	431981
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	EPA 8260C	431981
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	EPA 8260C	431981
MB 180-431907/10	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-431907/4	Lab Control Sample	Total/NA	Solid	EPA 8260C	

Prep Batch: 431981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	5035	
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	5035	
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	5035	
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	5035	
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	5035	
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	5035	

Analysis Batch: 432181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 8260C	432248
MB 180-432181/7	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-432181/18	Lab Control Sample	Total/NA	Solid	EPA 8260C	
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 8260C	432248
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 8260C	432248

Prep Batch: 432248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	5035	
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	5035	
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	5035	

Analysis Batch: 432306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	EPA 8260C	432377
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	EPA 8260C	432377
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 8260C	432377
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	EPA 8260C	432377
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	EPA 8260C	432377
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	EPA 8260C	432377
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	EPA 8260C	432377
MB 180-432306/9	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-432306/4	Lab Control Sample	Total/NA	Solid	EPA 8260C	
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 8260C	432377
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 8260C	432377

Prep Batch: 432377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	5035	
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	5035	
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 432377 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	5035	
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	5035	
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	5035	
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	5035	
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	5035	
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	5035	

Analysis Batch: 432477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	EPA 8260C	432544
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	EPA 8260C	432544
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	EPA 8260C	432544
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	EPA 8260C	432544
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	EPA 8260C	432544
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	EPA 8260C	432544
MB 180-432477/8	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-432477/4	Lab Control Sample	Total/NA	Solid	EPA 8260C	
LCSD 180-432477/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260C	

Prep Batch: 432544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	5035	
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	5035	
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	5035	
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	5035	
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	5035	
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 432159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	3541	
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	3541	
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	3541	
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3541	
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	3541	
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	3541	
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	3541	
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	3541	
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	3541	
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	3541	
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	3541	
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	3541	
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	3541	
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	3541	
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	3541	
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3541	
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	3541	
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	3541	
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	3541	

GC/MS Semi VOA (Continued)

Prep Batch: 432159 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	3541	
MB 180-432159/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-432159/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3541	
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3541	
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3541	
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3541	

Analysis Batch: 432315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	EPA 8270D	432159
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	EPA 8270D	432159
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	EPA 8270D	432159
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 8270D	432159
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	EPA 8270D	432159
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	EPA 8270D	432159
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	EPA 8270D	432159
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	EPA 8270D	432159
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	EPA 8270D	432159
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	EPA 8270D	432159
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	EPA 8270D	432159
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	EPA 8270D	432159
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	EPA 8270D	432159
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	EPA 8270D	432159
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 8270D	432159
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	EPA 8270D	432159
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	EPA 8270D	432159
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	EPA 8270D	432159
MB 180-432159/1-A	Method Blank	Total/NA	Solid	EPA 8270D	432159
LCS 180-432159/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	432159
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 8270D	432159
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 8270D	432159
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 8270D	432159
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 8270D	432159

Analysis Batch: 432397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	EPA 8270D	432159
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	EPA 8270D	432159

GC Semi VOA

Prep Batch: 431859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	3541	
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	3541	
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	3541	
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	3541	
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	3541	
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	3541	
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	3541	

GC Semi VOA (Continued)

Prep Batch: 431859 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	3541	
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3541	
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	3541	
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	3541	
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	3541	
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	3541	
MB 180-431859/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-431859/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3541	
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3541	

Cleanup Batch: 431878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	3665A	431859
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	3665A	431859
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	3665A	431859
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	3665A	431859
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	3665A	431859
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	3665A	431859
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	3665A	431859
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	3665A	431859
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3665A	431859
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	3665A	431859
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	3665A	431859
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	3665A	431859
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	3665A	431859
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3665A	431859
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3665A	431859

Cleanup Batch: 431879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	3660B	431878
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	3660B	431878
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	3660B	431878
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	3660B	431878
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	3660B	431878
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	3660B	431878
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	3660B	431878
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	3660B	431878
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3660B	431878
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	3660B	431878
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	3660B	431878
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	3660B	431878
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	3660B	431878
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3660B	431878
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3660B	431878

Analysis Batch: 431887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	EPA 8082A	431879
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	EPA 8082A	431879

GC Semi VOA (Continued)

Analysis Batch: 431887 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	EPA 8082A	431879
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	EPA 8082A	431879
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	EPA 8082A	431879
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	EPA 8082A	431879
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	EPA 8082A	431879
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	EPA 8082A	431879
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 8082A	431879
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	EPA 8082A	431879
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	EPA 8082A	431879
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	EPA 8082A	431879
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	EPA 8082A	431879
MB 180-431859/1-A	Method Blank	Total/NA	Solid	EPA 8082A	431859
LCS 180-431859/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	431859
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 8082A	431879
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 8082A	431879

Prep Batch: 432083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	3541	
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	3541	
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	3541	
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3541	
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	3541	
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	3541	
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	3541	
MB 180-432083/1-C	Method Blank	Total/NA	Solid	3541	
LCS 180-432083/2-C	Lab Control Sample	Total/NA	Solid	3541	
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3541	
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3541	

Cleanup Batch: 432120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	3665A	432083
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	3665A	432083
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	3665A	432083
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3665A	432083
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	3665A	432083
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	3665A	432083
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	3665A	432083
MB 180-432083/1-C	Method Blank	Total/NA	Solid	3665A	432083
LCS 180-432083/2-C	Lab Control Sample	Total/NA	Solid	3665A	432083
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3665A	432083
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3665A	432083

Cleanup Batch: 432121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	3660B	432120
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	3660B	432120
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	3660B	432120
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3660B	432120
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	3660B	432120

GC Semi VOA (Continued)

Cleanup Batch: 432121 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	3660B	432120
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	3660B	432120
MB 180-432083/1-C	Method Blank	Total/NA	Solid	3660B	432120
LCS 180-432083/2-C	Lab Control Sample	Total/NA	Solid	3660B	432120
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3660B	432120
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3660B	432120

Analysis Batch: 432155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	EPA 8082A	432121
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	EPA 8082A	432121
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	EPA 8082A	432121
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 8082A	432121
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	EPA 8082A	432121
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	EPA 8082A	432121
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	EPA 8082A	432121
MB 180-432083/1-C	Method Blank	Total/NA	Solid	EPA 8082A	432121
LCS 180-432083/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	432121
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 8082A	432121
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 8082A	432121

Metals

Prep Batch: 431949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3050B	
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3050B	
MB 180-431949/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-431949/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3050B	
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3050B	
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3050B	
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3050B	

Prep Batch: 432221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	3050B	
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	3050B	
MB 180-432221/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-432221/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 432804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	7471B	
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	7471B	
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	7471B	
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	7471B	
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	7471B	
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	7471B	
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	7471B	
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 432804 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	7471B	
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	7471B	
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	7471B	
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	7471B	
MB 180-432804/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 180-432804/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	7471B	
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	7471B	

Analysis Batch: 433207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 7471B	432804
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	EPA 7471B	432804
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	EPA 7471B	432804
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	EPA 7471B	432804
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	EPA 7471B	432804
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	EPA 7471B	432804
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	EPA 7471B	432804
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	EPA 7471B	432804
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	EPA 7471B	432804
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	EPA 7471B	432804
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	EPA 7471B	432804
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	EPA 7471B	432804
MB 180-432804/1-A	Method Blank	Total/NA	Solid	EPA 7471B	432804
LCS 180-432804/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	432804
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 7471B	432804
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 7471B	432804

Analysis Batch: 433389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 6010C	431949
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 6010C	431949
MB 180-431949/1-A	Method Blank	Total/NA	Solid	EPA 6010C	431949
LCS 180-431949/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	431949
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 6010C	431949
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 6010C	431949
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 6010C	431949
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 6010C	431949

Prep Batch: 433398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3050B	
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3050B	
MB 180-433398/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-433398/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3050B	
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	3050B	
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3050B	
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	3050B	

Metals

Prep Batch: 433400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	3050B	
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	3050B	
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	3050B	
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	3050B	
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	3050B	
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	3050B	
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	3050B	
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	3050B	
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	3050B	
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	3050B	
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	3050B	
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	3050B	
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	3050B	
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	3050B	
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	3050B	
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	3050B	
MB 180-433400/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-433400/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 433435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	7471B	
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	7471B	
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	7471B	
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	7471B	
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	7471B	
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	7471B	
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	7471B	
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	7471B	
MB 180-433435/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 180-433435/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	7471B	
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	7471B	

Analysis Batch: 433520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 6010C	431949
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 6010C	431949
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 6010C	431949
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 6010C	431949
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 6010C	431949
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 6010C	431949

Analysis Batch: 433660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 6010C	433398
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 6010C	433398
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 6010C	433398
MB 180-433398/1-A	Method Blank	Total/NA	Solid	EPA 6010C	433398
LCS 180-433398/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	433398
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 6010C	433398

Metals (Continued)

Analysis Batch: 433660 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-4 MS	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 6010C	433398
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 6010C	433398
180-154714-4 MSD	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	EPA 6010C	433398
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 6010C	433398
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 6010C	433398

Analysis Batch: 433778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	EPA 7471B	433435
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	EPA 7471B	433435
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	EPA 7471B	433435
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 7471B	433435
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	EPA 7471B	433435
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	EPA 7471B	433435
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	EPA 7471B	433435
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	EPA 7471B	433435
MB 180-433435/1-A	Method Blank	Total/NA	Solid	EPA 7471B	433435
LCS 180-433435/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	433435
180-154714-16 MS	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 7471B	433435
180-154714-16 MSD	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	EPA 7471B	433435

Analysis Batch: 433826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	EPA 6010C	433400
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	EPA 6010C	433400
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	EPA 6010C	433400
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	EPA 6010C	433400
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	EPA 6010C	433400
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	EPA 6010C	433400
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	EPA 6010C	433400
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	EPA 6010C	433400
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	EPA 6010C	433400
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	EPA 6010C	433400
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	EPA 6010C	433400
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	EPA 6010C	433400
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	EPA 6010C	433400
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	EPA 6010C	433400
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	EPA 6010C	433400
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	EPA 6010C	433400
MB 180-433400/1-A	Method Blank	Total/NA	Solid	EPA 6010C	433400
LCS 180-433400/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	433400

Analysis Batch: 433862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	EPA 6010C	432221
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	EPA 6010C	432221
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	EPA 6010C	433400
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	EPA 6010C	433400
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	EPA 6010C	433400
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	EPA 6010C	433400
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	EPA 6010C	433400

Metals (Continued)

Analysis Batch: 433862 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-432221/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432221
LCS 180-432221/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432221

Analysis Batch: 433957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	EPA 6010C	432221

General Chemistry

Analysis Batch: 431758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-1	SSHS-IRM5A2-SCV38-0-0.17	Total/NA	Solid	2540G	
180-154714-2	SSHS-IRM5A2-SCV38-0.17-0.75	Total/NA	Solid	2540G	
180-154714-3	SSHS-IRM5A2-SCV-DUP14	Total/NA	Solid	2540G	
180-154714-4	SSHS-IRM5A2-SCV38-0.75-1.75	Total/NA	Solid	2540G	
180-154714-5	SSHS-IRM5A2-SCV39-0-0.67	Total/NA	Solid	2540G	
180-154714-6	SSHS-IRM5A2-SCV39-0.67-1.67	Total/NA	Solid	2540G	
180-154714-7	SSHS-IRM5A2-SCV40-0-0.17	Total/NA	Solid	2540G	
180-154714-8	SSHS-IRM5A2-SCV40-0.17-0.75	Total/NA	Solid	2540G	
180-154714-9	SSHS-IRM5A2-SCV40-0.75-1.75	Total/NA	Solid	2540G	
180-154714-10	SSHS-IRM5A2-SCV41-0-0.17	Total/NA	Solid	2540G	
180-154714-11	SSHS-IRM5A2-SCV41-0.17-0.75	Total/NA	Solid	2540G	
180-154714-12	SSHS-IRM5A2-SCV41-0.75-1.75	Total/NA	Solid	2540G	
180-154714-13	SSHS-IRM5A2-SCV42-0-0.50	Total/NA	Solid	2540G	
180-154714-14	SSHS-IRM5A2-SCV42-0.50-1.50	Total/NA	Solid	2540G	
180-154714-15	SSHS-IRM5A2-SCV-DUP15	Total/NA	Solid	2540G	
180-154714-16	SSHS-IRM5A2-SCV43-0-0.17	Total/NA	Solid	2540G	
180-154714-17	SSHS-IRM5A2-SCV43-0.17-0.75	Total/NA	Solid	2540G	
180-154714-18	SSHS-IRM5A2-SCV43-0.75-1.75	Total/NA	Solid	2540G	

Analysis Batch: 431838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154714-19	SSHS-IRM5A2-SCV44-0-0.17	Total/NA	Solid	2540G	
180-154714-20	SSHS-IRM5A2-SCV44-0.17-0.75	Total/NA	Solid	2540G	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins | Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV38-0-0.17	4/6/23	1435	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV38-0.17-0.75	4/6/23	1440	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV-DUP14	4/6/23	--	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV38-0.75-1.75	4/6/23	1445	G	S	N	Y	X	X	X	X										16	
SSHS-IRM5A2-SCV39-0-0.67	4/6/23	1450	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV39-0.67-1.67	4/6/23	1455	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV40-0-0.17	4/6/23	1500	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV40-0.17-0.75	4/6/23	1505	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV40-0.75-1.75	4/6/23	1510	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV41-0-0.17	4/6/23	1515	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV41-0.17-0.75	4/6/23	1520	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV41-0.75-1.75	4/6/23	1525	G	S	N	N	X	X	X	X										6	



☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Mwaide Ahn	4/6/23/1700	Company: Geosyntec		4/7/23 09:25	GTAPH
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

5/3/2023

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation (COC-1)

eurofins | Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV42-0-0.50	4/6/23	1530	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV42-0.50-1.50	4/6/23	1535	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV-DUP15	4/6/23	--	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV43-0-0.17	4/6/23	1540	G	S	N	Y	X	X	X	X			16	
SSHS-IRM5A2-SCV43-0.17-0.75	4/6/23	1545	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV43-0.75-1.75	4/6/23	1550	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV44-0-0.17	4/6/23	1555	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV44-0.17-0.75	4/6/23	1600	G	S	N	N	X	X	X	X			6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company: Geosyntec	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154714 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N									
SSHS-IRM5A2-SCV38-0-0.17	4/6/23	1435	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV38-0.17-0.75	4/6/23	1440	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV-DUP14	4/6/23	–	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV38-0.75-1.75	4/6/23	1445	G	S	N	Y	X	X	X	X										16	
SSHS-IRM5A2-SCV39-0-0.67	4/6/23	1450	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV39-0.67-1.67	4/6/23	1455	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV40-0-0.17	4/6/23	1500	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV40-0.17-0.75	4/6/23	1505	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV40-0.75-1.75	4/6/23	1510	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV41-0-0.17	4/6/23	1515	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV41-0.17-0.75	4/6/23	1520	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV41-0.75-1.75	4/6/23	1525	G	S	N	N	X	X	X	X										6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Mariah Klein	4/6/23/1700	Company: Geosyntec		4/7/23 1000	Company
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 1117657 | Cooler Temperature(s) °C and Other Remarks: 1.2

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Documentation (COC-1)

eurofins Environment Testing TestAmerica

Client Information	Sampler: C Lamas	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV42-0-0.50	4/6/23	1530	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV42-0.50-1.50	4/6/23	1535	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV-DUP15	4/6/23	--	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV43-0-0.17	4/6/23	1540	G	S	N	Y	X	X	X	X			16	
SSHS-IRM5A2-SCV43-0.17-0.75	4/6/23	1545	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV43-0.75-1.75	4/6/23	1550	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV44-0-0.17	4/6/23	1555	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV44-0.17-0.75	4/6/23	1600	G	S	N	N	X	X	X	X			6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Miranda Heldt	Date/Time: 4/6/23 1700	Company: Geosyntec	Received by:	Date/Time: 4/7/23 1000	Company: FEDEX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 1117657 | Cooler Temperature(s) °C and Other Remarks: 1.2

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Sacramento Sample Receiving Notes

180-154714 Field Sheet

Job: _____

Tracking # : 7717 4388 6159

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: C10 Corr. Factor: (+ / -) _____ °C

Ice — Wet _____ Gel _____ Other _____

Cooler Custody Seal: 1117657

Cooler ID: _____

Temp Observed: 1.2 °C Corrected: 1.2 °C

From: Temp Blank ☐ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 4/7/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☐	☐	☑
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: _____ Date: 4-7-23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☐	☐	☑

Initials: _____ Date: 4-7-23

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154714-1

Login Number: 154714
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 5/5/2023 5:09:26 PM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154808-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
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Job ID: 180-154808-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154808-1

Receipt
The samples were received on 4/8/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.0º C, 1.4º C, 1.6º C, 2.5º C, 3.3º C and 4.8º C.

GC/MS VOA
Method 8260C: The recovery of surrogates 1,2-Dichloroethane-d4 and/or Dibromofluoromethane were above the control limits for the following samples: SSHS-IRM5A2-SCV45-0.92-1.92 (180-154808-4), SSHS-IRM5A2-SCV48-0.67-1.67 (180-154808-13), SSHS-IRM5A2-SCV49-0-0.17 (180-154808-14), SSHS-IRM5A2-SCV49-0.17-0.75 (180-154808-15), and SSHS-IRM5A2-SCV49-0.75-1.75 (180-154808-16). As the surrogates were high and there were no target analytes detected in the samples, the results were reported.

Method 8260C: The matrix spike (MS) of sample SSHS-IRM5A2-SCV50-0-0.58 (180-154808-18) had the recoveries of 2-Butanone and Dichlorodifluoromethane above the control limits. The RPD between the spikes was also above the control limits for 2-Butanone.

Method 8260C: The laboratory control sample duplicate (LCSD) for batch 180-432752 recovered above the control limits for the following analyte: Dichlorodifluoromethane. As this analyte was biased high in the LCSD and was not detected in the associated samples, the results were reported.

Method 8260C: The laboratory control sample duplicate (LCSD) for batch 180-432856 recovered above the control limits for the following analytes: Dichlorodifluoromethane and Methyl acetate. As these analytes were biased high in the LCSD and were not detected in the associated samples, the results were reported.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432752 was below criteria for the following analytes: Acetone, 2-Hexanone, and 2-Butanone. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432752 was above criteria for the following analytes: Methyl acetate, Dichlorodifluoromethane, and 1,1,2-Trichloro-1,2,2-trifluoroethane. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432856 was below criteria for the following analytes: 1,4-Dioxane, Chloromethane, and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432856 was above criteria for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2-Dichloroethane, Acetone, Carbon disulfide, Dichlorodifluoromethane, and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The laboratory control sample (LCS) for preparation batch 180-432388 recovered above the control limits for the following analyte: 4,6-Dinitro-2-methylphenol. As this analyte was biased high in the LCS and was not detected in the associated samples, the results were reported.

Method 8270D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV50-0-0.58 (180-154808-18) had the recoveries of Benzaldehyde below the control limits. The RPD between the spikes and the recovery of the laboratory control sample (LCS) were within the control limits.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432402 was below criteria for the following analyte:

Job ID: 180-154808-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

Caprolactam. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432402 was above criteria for the following analyte: Terphenyl-d14 (surrogate). As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432494 was above criteria for the following analyte: Nitrobenzene-d5 (surrogate). As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8082A: The method blank (MB 180-432210/1-C) had the recovery of surrogate decachlorobiphenyl above the control limits on column RTX-CLP1 and the recovery of tetrachloro-m-xylene above the control limits on column RTX-CLP2. The recoveries on the other columns were within the control limits. All associated sample surrogate recoveries were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010C: Due to sample matrix effect on the internal standard (ISTD), a dilution was required for the following sample: SSHS-IRM5A2-SCV44-0.75-1.75 (180-154808-1). All analytes referencing the yttrium internal standards required dilution due to the yttrium internal standard counts being above the 70%-130% control limits.

Method 6010C: The following sample was diluted to bring the concentration of iron within the linear range of the instrument: SSHS-IRM5A2-SCV45-0.92-1.92 (180-154808-4). Elevated reporting limits (RLs) are provided. Arsenic, cadmium, lead, and thallium were also reported from dilution due to inter-element corrections associated with iron.

Method 6010C: The following sample was diluted to bring the concentration of calcium within the linear range of the instrument: SSHS-IRM5A2-SCV49-0.75-1.75 (180-154808-16). Elevated reporting limits (RLs) are provided.

Method 6010C: The method blank for preparation batch 180-432524 contained iron and zinc above the reporting limit (RL). As the associated samples contained these analytes at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The method blank for preparation batch 180-432882 contained zinc above the reporting limit (RL). As the associated samples contained zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The method blank for preparation batch 180-432889 contained zinc above the reporting limit (RL). As the associated samples contained zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV50-0-0.58 (180-154808-18) had several recoveries and the majority of RPDs between the spikes outside of the control limits. The recoveries of the laboratory control sample were within the control limits. The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) was greater than 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated RPD values were obtained.

Method 7471B: The following samples were diluted to bring the concentration of target analytes within the calibration range for Mercury: SSHS-IRM5A2-SCV44-0.75-1.75 (180-154808-1), SSHS-IRM5A2-SCV49-0-0.17 (180-154808-14), SSHS-IRM5A2-SCV49-0.17-0.75 (180-154808-15), SSHS-IRM5A2-SCV49-0.75-1.75 (180-154808-16), SSHS-IRM5A2-SCV-DUP17 (180-154808-17), SSHS-IRM5A2-SCV50-0-0.58 (180-154808-18) and its matrix spikes, and SSHS-IRM5A2-SCV50-0.58-1.58 (180-154808-19). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 180-154808-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154808-1
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	05-03-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids
EPA 8260C	5035	Solid	1,2-Dichloroethene, Total

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Solid	04/07/23 09:00	04/08/23 08:35
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Solid	04/07/23 09:05	04/08/23 08:35
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Solid	04/07/23 09:10	04/08/23 08:35
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Solid	04/07/23 09:15	04/08/23 08:35
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Solid	04/07/23 09:20	04/08/23 08:35
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Solid	04/07/23 00:00	04/08/23 08:35
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Solid	04/07/23 09:25	04/08/23 08:35
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Solid	04/07/23 09:30	04/08/23 08:35
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Solid	04/07/23 09:35	04/08/23 08:35
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Solid	04/07/23 09:40	04/08/23 08:35
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Solid	04/07/23 09:45	04/08/23 08:35
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Solid	04/07/23 09:50	04/08/23 08:35
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Solid	04/07/23 09:55	04/08/23 08:35
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Solid	04/07/23 10:00	04/08/23 08:35
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Solid	04/07/23 10:05	04/08/23 08:35
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Solid	04/07/23 10:10	04/08/23 08:35
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Solid	04/07/23 00:00	04/08/23 08:35
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Solid	04/07/23 10:15	04/08/23 08:35
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Solid	04/07/23 10:20	04/08/23 08:35
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Solid	04/07/23 10:25	04/08/23 08:35

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by GC/MS	SW846	EET PIT
EPA 8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
EPA 6010C	Metals (ICP)	SW846	EET PIT
EPA 7471B	Mercury (CVAA)	SW846	EET PIT
2540G	SM 2540G	SM22	EET PIT
3050B	Preparation, Metals	SW846	EET PIT
3541	Automated Soxhlet Extraction	SW846	EET PIT
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET PIT
7471B	Preparation, Mercury	SW846	EET PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154808-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV44-0.75-1.75
Lab Sample ID: 180-154808-1
Date Collected: 04/07/23 09:00
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431992	04/11/23 17:10	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV44-0.75-1.75
Lab Sample ID: 180-154808-1
Date Collected: 04/07/23 09:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3026 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 15:01	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 12:41	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.4 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 16:55	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.16 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 00:12	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			1.16 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433520	04/26/23 19:48	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.67 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		5			433778	04/28/23 15:50	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV45-0-0.17
Lab Sample ID: 180-154808-2
Date Collected: 04/07/23 09:05
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431992	04/11/23 17:10	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV45-0-0.17
Lab Sample ID: 180-154808-2
Date Collected: 04/07/23 09:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2246 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 15:24	PJJ	EET PIT
	Instrument ID: CHHP3									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154808-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV45-0-0.17
Lab Sample ID: 180-154808-2
Date Collected: 04/07/23 09:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.5 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 13:03	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.2 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 17:14	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.90 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 00:17	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.90 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 19:53	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.64 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 14:56	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV45-0.17-0.92
Lab Sample ID: 180-154808-3
Date Collected: 04/07/23 09:10
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431992	04/11/23 17:10	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV45-0.17-0.92
Lab Sample ID: 180-154808-3
Date Collected: 04/07/23 09:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0648 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 15:47	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 13:25	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.2 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 17:32	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.75 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 00:22	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154808-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV45-0.17-0.92
Lab Sample ID: 180-154808-3
Date Collected: 04/07/23 09:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.75 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 19:58	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.64 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 14:57	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV45-0.92-1.92
Lab Sample ID: 180-154808-4
Date Collected: 04/07/23 09:15
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV45-0.92-1.92
Lab Sample ID: 180-154808-4
Date Collected: 04/07/23 09:15
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0069 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 16:09	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 13:47	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.3 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 17:51	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.81 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 00:27	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.81 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 20:03	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.81 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433520	04/26/23 20:08	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.69 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 15:02	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV46-0-0.17
Lab Sample ID: 180-154808-5
Date Collected: 04/07/23 09:20
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV46-0-0.17
Lab Sample ID: 180-154808-5
Date Collected: 04/07/23 09:20
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1349 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 16:32	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.3 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 14:09	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.0 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 18:10	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.59 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 00:32	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.59 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 20:23	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.65 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 15:03	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP16
Lab Sample ID: 180-154808-6
Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP16
Lab Sample ID: 180-154808-6
Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0046 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 16:55	PJJ	EET PIT
	Instrument ID: CHHP3									

Client Sample ID: SSHS-IRM5A2-SCV-DUP16

Lab Sample ID: 180-154808-6
Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 14:31	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.1 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 18:28	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.84 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 00:37	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.84 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 20:28	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.61 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 15:04	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV46-0.17-0.83

Lab Sample ID: 180-154808-7
Date Collected: 04/07/23 09:25
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV46-0.17-0.83

Lab Sample ID: 180-154808-7
Date Collected: 04/07/23 09:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2306 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 17:18	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 14:53	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.4 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 18:47	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.63 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 00:43	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154808-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV46-0.17-0.83
Lab Sample ID: 180-154808-7
Date Collected: 04/07/23 09:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.63 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 20:33	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.69 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 15:05	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV46-0.83-1.83
Lab Sample ID: 180-154808-8
Date Collected: 04/07/23 09:30
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV46-0.83-1.83
Lab Sample ID: 180-154808-8
Date Collected: 04/07/23 09:30
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3346 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 17:40	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 15:15	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.3 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 19:06	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.73 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 00:48	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.73 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 20:38	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 15:06	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV47-0-0.17
Lab Sample ID: 180-154808-9
Date Collected: 04/07/23 09:35
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV47-0-0.17
Lab Sample ID: 180-154808-9
Date Collected: 04/07/23 09:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0465 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 18:03	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 15:36	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.4 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 19:24	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.75 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 00:53	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.75 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 20:43	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.68 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 15:07	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV47-0.17-0.75
Lab Sample ID: 180-154808-10
Date Collected: 04/07/23 09:40
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV47-0.17-0.75
Lab Sample ID: 180-154808-10
Date Collected: 04/07/23 09:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0078 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 18:25	PJJ	EET PIT
	Instrument ID: CHHP3									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154808-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV47-0.17-0.75
Lab Sample ID: 180-154808-10

Date Collected: 04/07/23 09:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 15:58	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.3 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 19:43	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.64 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 01:08	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.64 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 20:48	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 15:08	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV47-0.75-1.75
Lab Sample ID: 180-154808-11

Date Collected: 04/07/23 09:45
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV47-0.75-1.75
Lab Sample ID: 180-154808-11

Date Collected: 04/07/23 09:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0635 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 18:47	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.3 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 16:20	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.0 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 20:01	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.97 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 01:13	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154808-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV47-0.75-1.75
Lab Sample ID: 180-154808-11

Date Collected: 04/07/23 09:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.97 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 20:53	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.65 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 15:09	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV48-0-0.67
Lab Sample ID: 180-154808-12

Date Collected: 04/07/23 09:50
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV48-0-0.67
Lab Sample ID: 180-154808-12

Date Collected: 04/07/23 09:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0078 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 19:09	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 16:42	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.3 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 20:20	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.77 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 01:18	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.77 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 20:59	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 15:10	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV48-0.67-1.67
Lab Sample ID: 180-154808-13

Date Collected: 04/07/23 09:55
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV48-0.67-1.67
Lab Sample ID: 180-154808-13

Date Collected: 04/07/23 09:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0036 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 19:32	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 17:05	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.4 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 20:39	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.86 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 01:23	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.86 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 21:04	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.65 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 15:11	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV49-0-0.17
Lab Sample ID: 180-154808-14

Date Collected: 04/07/23 10:00
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV49-0-0.17
Lab Sample ID: 180-154808-14

Date Collected: 04/07/23 10:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0425 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 19:55	PJJ	EET PIT
	Instrument ID: CHHP3									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154808-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV49-0-0.17
Lab Sample ID: 180-154808-14
Date Collected: 04/07/23 10:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 17:27	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.1 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 20:57	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			1.00 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 01:28	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			1.00 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 21:09	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		2			433778	04/28/23 15:20	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV49-0.17-0.75
Lab Sample ID: 180-154808-15
Date Collected: 04/07/23 10:05
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV49-0.17-0.75
Lab Sample ID: 180-154808-15
Date Collected: 04/07/23 10:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0036 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 20:18	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 17:49	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.1 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 21:16	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.53 g	50 mL	432524	04/17/23 12:01	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 01:33	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154808-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV49-0.17-0.75
Lab Sample ID: 180-154808-15
Date Collected: 04/07/23 10:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.53 g	50 mL	432524	04/17/23 12:01	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 21:24	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.64 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		10			433778	04/28/23 15:53	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV49-0.75-1.75
Lab Sample ID: 180-154808-16
Date Collected: 04/07/23 10:10
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV49-0.75-1.75
Lab Sample ID: 180-154808-16
Date Collected: 04/07/23 10:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1164 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 20:40	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 18:11	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.0 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 22:12	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.99 g	50 mL	432524	04/17/23 12:01	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/22/23 01:49	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.99 g	50 mL	432524	04/17/23 12:01	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433520	04/26/23 21:29	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.99 g	50 mL	432524	04/17/23 12:01	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433520	04/26/23 21:34	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.61 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		25			433778	04/28/23 15:55	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP17

Lab Sample ID: 180-154808-17

Date Collected: 04/07/23 00:00

Matrix: Solid

Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP17

Lab Sample ID: 180-154808-17

Date Collected: 04/07/23 00:00

Matrix: Solid

Date Received: 04/08/23 08:35

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2236 g	5 mL	432800	04/19/23 07:41	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 21:03	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 18:33	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.0 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 22:30	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.78 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 14:09	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.66 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		200			433778	04/28/23 15:58	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58

Lab Sample ID: 180-154808-18

Date Collected: 04/07/23 10:15

Matrix: Solid

Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58

Lab Sample ID: 180-154808-18

Date Collected: 04/07/23 10:15

Matrix: Solid

Date Received: 04/08/23 08:35

Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2306 g	5 mL	432800	04/19/23 20:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432752	04/19/23 21:26	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 11:35	VVP	EET PIT
	Instrument ID: CHMSD7									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154808-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Lab Sample ID: 180-154808-18
Date Collected: 04/07/23 10:15
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.3 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 15:59	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.78 g	50 mL	432225	04/13/23 11:18	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/26/23 00:44	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.67 g	50 mL	433889	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434151	05/03/23 12:23	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.66 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		200			433778	04/28/23 14:46	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV50-0.58-1.58
Lab Sample ID: 180-154808-19
Date Collected: 04/07/23 10:20
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV50-0.58-1.58
Lab Sample ID: 180-154808-19
Date Collected: 04/07/23 10:20
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0052 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 13:17	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 18:55	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.1 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 22:49	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.64 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 14:14	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		200			433778	04/28/23 16:02	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154808-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50
Lab Sample ID: 180-154808-20

Date Collected: 04/07/23 10:25
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431995	04/11/23 17:27	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50
Lab Sample ID: 180-154808-20

Date Collected: 04/07/23 10:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1326 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 13:39	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432388	04/14/23 16:35	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432402	04/15/23 19:17	VVP	EET PIT
	Instrument ID: CHMSD7									
Total/NA	Prep	3541			15.2 g	20.0 mL	432210	04/13/23 10:28	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432277	04/14/23 04:11	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432278	04/14/23 04:12	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432577	04/18/23 23:08	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.69 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 14:29	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.68 g	100 mL	433565	04/27/23 10:20	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 15:49	MTW	EET PIT
	Instrument ID: HGZ									

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: EET PIT

Batch Type: Cleanup

JMO = John Oravec

Batch Type: Prep

AAS = Arianna Swick
HCY = Harrison Yaeger
JBP = Jack Prothero
JSM = Joseph Moore
MTW = Michael Wesoloski
PJJ = Patrick Journet

Batch Type: Analysis

ELS = Edwin Shireman
JMO = John Oravec
MTW = Michael Wesoloski
PJJ = Patrick Journet
RJG = Rob Good
VVP = Vincent Piccolino

Client Sample ID: SSHS-IRM5A2-SCV44-0.75-1.75

Date Collected: 04/07/23 09:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-1

Matrix: Solid
Percent Solids: 88.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Benzene	ND		5.3	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Bromoform	ND		5.3	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Bromomethane	ND		5.3	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
2-Butanone (MEK)	ND		5.3	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Carbon disulfide	ND		5.3	4.3	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Carbon tetrachloride	ND		5.3	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Chlorobenzene	ND		5.3	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Chlorobromomethane	ND		5.3	3.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Chlorodibromomethane	ND		5.3	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Chloroethane	ND		5.3	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Chloroform	ND		5.3	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Chloromethane	ND		5.3	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
cis-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Cyclohexane	ND		5.3	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,2-Dibromo-3-Chloropropane	ND		5.3	3.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,2-Dibromoethane	ND		5.3	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,2-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,3-Dichlorobenzene	ND		5.3	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,4-Dichlorobenzene	ND		5.3	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Dichlorobromomethane	ND		5.3	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Dichlorodifluoromethane	ND	*+	5.3	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,1-Dichloroethane	ND		5.3	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,2-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,1-Dichloroethene	ND		5.3	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,2-Dichloropropane	ND		5.3	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Ethylbenzene	ND		5.3	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
2-Hexanone	ND		5.3	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Isopropylbenzene	ND		5.3	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Methyl acetate	ND		27	7.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Methylcyclohexane	ND		5.3	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Methylene Chloride	ND		5.3	4.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Methyl tert-butyl ether	ND		5.3	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
m-Xylene & p-Xylene	ND		5.3	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
o-Xylene	ND		5.3	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Styrene	ND		5.3	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Tetrachloroethene	ND		5.3	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Toluene	ND		5.3	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
trans-1,2-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
trans-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,2,3-Trichlorobenzene	ND		5.3	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,1,1-Trichloroethane	ND		5.3	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,1,2-Trichloroethane	ND		5.3	1.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1

Client Sample ID: SSHS-IRM5A2-SCV44-0.75-1.75

Date Collected: 04/07/23 09:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-1

Matrix: Solid
Percent Solids: 88.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.3	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Trichlorofluoromethane	ND		5.3	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Vinyl chloride	ND		5.3	3.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1
Xylenes, Total	ND		11	7.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 124*	*04/19/23 07:41*	*04/19/23 15:01*	*1*
Dibromofluoromethane (Surr)	*107*		*69 - 126*	*04/19/23 07:41*	*04/19/23 15:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*73 - 135*	*04/19/23 07:41*	*04/19/23 15:01*	*1*
Toluene-d8 (Surr)	*93*		*67 - 134*	*04/19/23 07:41*	*04/19/23 15:01*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Acenaphthylene	ND		74	16	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Acetophenone	ND		740	130	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Anthracene	**23**	**J**	74	19	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Atrazine	ND		740	160	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Benzo[a]anthracene	ND		74	33	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Benzo[a]pyrene	ND		74	32	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Benzo[b]fluoranthene	**44**	**J**	74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Benzo[g,h,i]perylene	**23**	**J**	74	16	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Benzo[k]fluoranthene	ND		74	22	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Carbazole	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Chrysene	ND		74	41	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
4,6-Dinitro-2-methylphenol	ND	*+	1900	640	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1

Client Sample ID: SSHS-IRM5A2-SCV44-0.75-1.75
Date Collected: 04/07/23 09:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-1
Matrix: Solid
Percent Solids: 88.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Fluoranthene	**29**	**J**	74	19	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Fluorene	ND		74	14	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Indeno[1,2,3-cd]pyrene	ND		74	37	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Isophorone	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Naphthalene	ND		74	14	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Phenanthrene	ND		74	20	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Phenol	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
Pyrene	**38**	**J**	74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*44 - 105*	*04/14/23 16:35*	*04/15/23 12:41*	*1*
2-Fluorophenol (Surr)	*50*		*48 - 105*	*04/14/23 16:35*	*04/15/23 12:41*	*1*
Nitrobenzene-d5 (Surr)	*56*		*46 - 105*	*04/14/23 16:35*	*04/15/23 12:41*	*1*
Phenol-d5 (Surr)	*54*		*46 - 105*	*04/14/23 16:35*	*04/15/23 12:41*	*1*
Terphenyl-d14 (Surr)	*65*		*39 - 105*	*04/14/23 16:35*	*04/15/23 12:41*	*1*
2,4,6-Tribromophenol (Surr)	*48*		*34 - 108*	*04/14/23 16:35*	*04/15/23 12:41*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	04/13/23 10:28	04/18/23 16:55	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/13/23 10:28	04/18/23 16:55	1
PCB-1232	ND		18	4.5	ug/Kg	☼	04/13/23 10:28	04/18/23 16:55	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/13/23 10:28	04/18/23 16:55	1
PCB-1248	**54**		18	4.4	ug/Kg	☼	04/13/23 10:28	04/18/23 16:55	1
PCB-1254	**40**		18	5.5	ug/Kg	☼	04/13/23 10:28	04/18/23 16:55	1
PCB-1260	**11**	**J**	18	5.2	ug/Kg	☼	04/13/23 10:28	04/18/23 16:55	1

Client Sample ID: SSHS-IRM5A2-SCV44-0.75-1.75

Lab Sample ID: 180-154808-1
Date Collected: 04/07/23 09:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 88.1

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		18	6.5	ug/Kg	☼	04/13/23 10:28	04/18/23 16:55	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/13/23 10:28	04/18/23 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*127*		*63 - 138*	*04/13/23 10:28*	*04/18/23 16:55*	*1*
DCB Decachlorobiphenyl (Surr)	*121*		*63 - 138*	*04/13/23 10:28*	*04/18/23 16:55*	*1*
Tetrachloro-m-xylene (Surr)	*116*		*55 - 135*	*04/13/23 10:28*	*04/18/23 16:55*	*1*
Tetrachloro-m-xylene (Surr)	*120*		*55 - 135*	*04/13/23 10:28*	*04/18/23 16:55*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8300**		9.8	2.4	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Antimony	**0.16**	**J**	0.49	0.15	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Arsenic	**13**		2.4	1.5	mg/Kg	☼	04/17/23 12:00	04/26/23 19:48	5
Barium	**75**		9.8	1.7	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Beryllium	**0.44**		0.20	0.053	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Cadmium	ND		1.2	0.18	mg/Kg	☼	04/17/23 12:00	04/26/23 19:48	5
Calcium	**3200**		240	32	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Chromium	**12**		0.24	0.22	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Cobalt	**9.6**		2.4	0.34	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Copper	**34**		1.2	0.74	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Iron	**34000**	**B**	24	24	mg/Kg	☼	04/17/23 12:00	04/26/23 19:48	5
Lead	**43**		2.4	2.1	mg/Kg	☼	04/17/23 12:00	04/26/23 19:48	5
Magnesium	**2600**		240	27	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Manganese	**470**		0.73	0.14	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Nickel	**26**		2.0	0.25	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Potassium	**710**	**J**	1200	210	mg/Kg	☼	04/17/23 12:00	04/26/23 19:48	5
Selenium	**0.27**	**J**	0.49	0.23	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Silver	ND		0.24	0.051	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Sodium	ND		1200	130	mg/Kg	☼	04/17/23 12:00	04/26/23 19:48	5
Thallium	**1.4**	**J**	4.9	0.69	mg/Kg	☼	04/17/23 12:00	04/26/23 19:48	5
Vanadium	**15**		2.4	0.39	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1
Zinc	**140**	**B**	0.98	0.71	mg/Kg	☼	04/17/23 12:00	04/22/23 00:12	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**4.9**		0.17	0.11	mg/Kg	☼	04/27/23 10:20	04/28/23 15:50	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**11.9**		0.1	0.1	%			04/11/23 17:10	1
Percent Solids (SM22 2540G)	**88.1**		0.1	0.1	%			04/11/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV45-0-0.17

Lab Sample ID: 180-154808-2
Date Collected: 04/07/23 09:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 77.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Benzene	ND		6.2	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1

Client Sample ID: SSHS-IRM5A2-SCV45-0-0.17
Date Collected: 04/07/23 09:05
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-2
Matrix: Solid
Percent Solids: 77.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		6.2	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Bromomethane	ND		6.2	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
2-Butanone (MEK)	ND		6.2	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Carbon disulfide	ND		6.2	4.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Carbon tetrachloride	ND		6.2	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Chlorobenzene	ND		6.2	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Chlorobromomethane	ND		6.2	3.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Chlorodibromomethane	ND		6.2	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Chloroethane	ND		6.2	3.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Chloroform	ND		6.2	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Chloromethane	ND		6.2	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
cis-1,2-Dichloroethene	ND		6.2	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
cis-1,3-Dichloropropene	ND		6.2	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Cyclohexane	ND		6.2	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,2-Dibromo-3-Chloropropane	ND		6.2	4.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,2-Dibromoethane	ND		6.2	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,2-Dichlorobenzene	ND		6.2	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,3-Dichlorobenzene	ND		6.2	3.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,4-Dichlorobenzene	ND		6.2	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Dichlorobromomethane	ND		6.2	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Dichlorodifluoromethane	ND	*+	6.2	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,1-Dichloroethane	ND		6.2	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,2-Dichloroethane	ND		6.2	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,1-Dichloroethene	ND		6.2	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,2-Dichloroethene, Total	ND		12	5.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,2-Dichloropropane	ND		6.2	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,4-Dioxane	ND		1200	44	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Ethylbenzene	ND		6.2	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
2-Hexanone	ND		6.2	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Isopropylbenzene	ND		6.2	3.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Methyl acetate	ND		31	9.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Methylcyclohexane	ND		6.2	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Methylene Chloride	ND		6.2	5.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
4-Methyl-2-pentanone (MIBK)	ND		6.2	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Methyl tert-butyl ether	ND		6.2	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
m-Xylene & p-Xylene	ND		6.2	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
o-Xylene	ND		6.2	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Styrene	ND		6.2	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Tetrachloroethene	ND		6.2	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Toluene	ND		6.2	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
trans-1,2-Dichloroethene	ND		6.2	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
trans-1,3-Dichloropropene	ND		6.2	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,2,3-Trichlorobenzene	ND		6.2	3.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,2,4-Trichlorobenzene	ND		6.2	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,1,1-Trichloroethane	ND		6.2	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
1,1,2-Trichloroethane	ND		6.2	1.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Trichloroethene	ND		6.2	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Trichlorofluoromethane	ND		6.2	5.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1

Client Sample ID: SSHS-IRM5A2-SCV45-0-0.17

Date Collected: 04/07/23 09:05
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-2

Matrix: Solid
Percent Solids: 77.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Vinyl chloride	ND		6.2	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1
Xylenes, Total	ND		12	8.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*	*04/19/23 07:41*	*04/19/23 15:24*	*1*
Dibromofluoromethane (Surr)	*112*		*69 - 126*	*04/19/23 07:41*	*04/19/23 15:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*124*		*73 - 135*	*04/19/23 07:41*	*04/19/23 15:24*	*1*
Toluene-d8 (Surr)	*97*		*67 - 134*	*04/19/23 07:41*	*04/19/23 15:24*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		83	24	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Acenaphthylene	**61**	**J**	83	18	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Acetophenone	ND		830	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Anthracene	**49**	**J**	83	22	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Atrazine	ND		830	180	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Benzaldehyde	ND		830	52	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Benzo[a]anthracene	**190**		83	37	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Benzo[a]pyrene	**200**		83	36	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Benzo[b]fluoranthene	**290**		83	20	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Benzo[g,h,i]perylene	**150**		83	18	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Benzo[k]fluoranthene	**120**		83	25	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
1,1'-Biphenyl	ND		410	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Bis(2-chloroethoxy)methane	ND		410	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Bis(2-chloroethyl)ether	ND		83	15	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Bis(2-ethylhexyl) phthalate	ND		4100	440	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
4-Bromophenyl phenyl ether	ND		410	180	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Butyl benzyl phthalate	ND		410	290	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Carbazole	ND		83	19	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
4-Chloroaniline	ND		410	110	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
4-Chloro-3-methylphenol	ND		410	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2-Chloronaphthalene	ND		83	19	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2-Chlorophenol	ND		410	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
4-Chlorophenyl phenyl ether	ND		410	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Chrysene	**250**		83	46	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Dibenz(a,h)anthracene	ND		83	53	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Dibenzofuran	ND		410	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
3,3'-Dichlorobenzidine	ND		410	390	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2,4-Dichlorophenol	ND		83	32	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Diethyl phthalate	ND		410	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2,4-Dimethylphenol	ND		410	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Dimethyl phthalate	ND		410	160	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Di-n-butyl phthalate	ND		410	180	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
4,6-Dinitro-2-methylphenol	ND	*+	2100	720	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2,4-Dinitrophenol	ND		4100	2600	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2,4-Dinitrotoluene	ND		410	250	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2,6-Dinitrotoluene	ND		410	160	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Di-n-octyl phthalate	ND		410	240	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV45-0-0.17
Date Collected: 04/07/23 09:05
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-2
Matrix: Solid
Percent Solids: 77.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		830	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Fluoranthene	**290**		83	22	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Fluorene	ND		83	16	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Hexachlorobenzene	ND		83	30	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Hexachlorobutadiene	ND		83	24	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Hexachlorocyclopentadiene	ND		410	42	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Hexachloroethane	ND		410	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Indeno[1,2,3-cd]pyrene	**140**		83	41	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Isophorone	ND		410	160	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2-Methylnaphthalene	**31**	**J**	83	20	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2-Methylphenol	ND		410	120	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Methylphenol, 3 & 4	ND		410	120	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Naphthalene	**44**	**J**	83	16	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
3-Nitroaniline	ND		2100	110	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Nitrobenzene	ND		830	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2-Nitrophenol	ND		410	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
N-Nitrosodi-n-propylamine	ND		83	28	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
N-Nitrosodiphenylamine	ND		410	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2,2'-oxybis[1-chloropropane]	ND		83	31	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Pentachlorophenol	ND		2100	670	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Phenanthrene	**100**		83	22	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Phenol	ND		410	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
Pyrene	**350**		83	20	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
1,2,4,5-Tetrachlorobenzene	ND		410	160	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2,3,4,6-Tetrachlorophenol	ND		410	170	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2,4,5-Trichlorophenol	ND		410	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1
2,4,6-Trichlorophenol	ND		410	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/14/23 16:35*	*04/15/23 13:03*	*1*
2-Fluorophenol (Surr)	*59*		*48 - 105*	*04/14/23 16:35*	*04/15/23 13:03*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*04/14/23 16:35*	*04/15/23 13:03*	*1*
Phenol-d5 (Surr)	*64*		*46 - 105*	*04/14/23 16:35*	*04/15/23 13:03*	*1*
Terphenyl-d14 (Surr)	*68*		*39 - 105*	*04/14/23 16:35*	*04/15/23 13:03*	*1*
2,4,6-Tribromophenol (Surr)	*55*		*34 - 108*	*04/14/23 16:35*	*04/15/23 13:03*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.9	ug/Kg	☼	04/13/23 10:28	04/18/23 17:14	1
PCB-1221	ND		21	7.5	ug/Kg	☼	04/13/23 10:28	04/18/23 17:14	1
PCB-1232	ND		21	5.2	ug/Kg	☼	04/13/23 10:28	04/18/23 17:14	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/13/23 10:28	04/18/23 17:14	1
PCB-1248	**170**		21	5.1	ug/Kg	☼	04/13/23 10:28	04/18/23 17:14	1
PCB-1254	**130**		21	6.4	ug/Kg	☼	04/13/23 10:28	04/18/23 17:14	1
PCB-1260	**27**		21	6.0	ug/Kg	☼	04/13/23 10:28	04/18/23 17:14	1
PCB-1262	ND		21	7.4	ug/Kg	☼	04/13/23 10:28	04/18/23 17:14	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/13/23 10:28	04/18/23 17:14	1

Client Sample ID: SSHS-IRM5A2-SCV45-0-0.17

Lab Sample ID: 180-154808-2

Date Collected: 04/07/23 09:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 77.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*	*04/13/23 10:28*	*04/18/23 17:14*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*63 - 138*	*04/13/23 10:28*	*04/18/23 17:14*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*04/13/23 10:28*	*04/18/23 17:14*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*04/13/23 10:28*	*04/18/23 17:14*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		14	3.6	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Antimony	ND		0.72	0.22	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Arsenic	**12**		0.72	0.45	mg/Kg	☼	04/17/23 12:00	04/26/23 19:53	1
Barium	**150**		14	2.5	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Beryllium	**0.67**		0.29	0.078	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Cadmium	**1.3**		0.36	0.052	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Calcium	**6500**		360	46	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Chromium	**25**		0.36	0.33	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Cobalt	**13**		3.6	0.50	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Copper	**57**		1.8	1.1	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Iron	**27000**	**B**	7.2	7.0	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Lead	**110**		0.72	0.62	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Magnesium	**4000**		360	39	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Manganese	**690**		1.1	0.20	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Nickel	**48**		2.9	0.36	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Potassium	**1700**		360	61	mg/Kg	☼	04/17/23 12:00	04/26/23 19:53	1
Selenium	**0.43**	**J**	0.72	0.33	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Silver	ND		0.36	0.074	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Sodium	**56**	**J**	360	37	mg/Kg	☼	04/17/23 12:00	04/26/23 19:53	1
Thallium	**0.39**	**J**	1.4	0.20	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Vanadium	**21**		3.6	0.57	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1
Zinc	**480**	**B**	1.4	1.0	mg/Kg	☼	04/17/23 12:00	04/22/23 00:17	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.16**		0.040	0.026	mg/Kg	☼	04/27/23 10:20	04/28/23 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**22.3**		0.1	0.1	%			04/11/23 17:10	1
Percent Solids (SM22 2540G)	**77.7**		0.1	0.1	%			04/11/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV45-0.17-0.92

Lab Sample ID: 180-154808-3

Date Collected: 04/07/23 09:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 89.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Benzene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
2-Butanone (MEK)	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV45-0.17-0.92
Date Collected: 04/07/23 09:10
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-3
Matrix: Solid
Percent Solids: 89.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,2-Dichlorobenzene	ND		5.5	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,4-Dichlorobenzene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Dichlorodifluoromethane	ND	*+	5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Isopropylbenzene	ND		5.5	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Methyl acetate	ND		28	8.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Methylcyclohexane	ND		5.5	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Methylene Chloride	ND		5.5	5.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
m-Xylene & p-Xylene	ND		5.5	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Styrene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Trichlorofluoromethane	ND		5.5	4.6	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Vinyl chloride	ND		5.5	4.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1
Xylenes, Total	ND		11	8.0	ug/Kg	☼	04/19/23 07:41	04/19/23 15:47	1

Client Sample ID: SSHS-IRM5A2-SCV45-0.17-0.92

Date Collected: 04/07/23 09:10
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-3

Matrix: Solid
Percent Solids: 89.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*	*04/19/23 07:41*	*04/19/23 15:47*	*1*
Dibromofluoromethane (Surr)	*111*		*69 - 126*	*04/19/23 07:41*	*04/19/23 15:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*73 - 135*	*04/19/23 07:41*	*04/19/23 15:47*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/19/23 07:41*	*04/19/23 15:47*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Acenaphthylene	**18**	**J**	74	16	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Acetophenone	ND		740	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Anthracene	ND		74	19	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Atrazine	ND		740	160	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Benzo[a]anthracene	**48**	**J**	74	33	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Benzo[a]pyrene	**54**	**J**	74	32	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Benzo[b]fluoranthene	**70**	**J**	74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Benzo[g,h,i]perylene	**51**	**J**	74	16	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Benzo[k]fluoranthene	**45**	**J**	74	22	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
1,1'-Biphenyl	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Bis(2-chloroethoxy)methane	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Bis(2-ethylhexyl) phthalate	ND		3700	390	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Butyl benzyl phthalate	ND		370	250	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Carbazole	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
4-Chloroaniline	ND		370	97	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Chrysene	**71**	**J**	74	41	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Dibenzofuran	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
3,3'-Dichlorobenzidine	ND		370	340	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2,4-Dimethylphenol	ND		370	120	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Dimethyl phthalate	ND		370	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Di-n-butyl phthalate	ND		370	160	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
4,6-Dinitro-2-methylphenol	ND	*+	1900	640	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2,6-Dinitrotoluene	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Di-n-octyl phthalate	ND		370	210	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
1,4-Dioxane	ND		740	120	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Fluoranthene	**75**		74	19	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Fluorene	ND		74	14	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1

Client Sample ID: SSHS-IRM5A2-SCV45-0.17-0.92
Date Collected: 04/07/23 09:10
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-3
Matrix: Solid
Percent Solids: 89.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		370	38	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Hexachloroethane	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Indeno[1,2,3-cd]pyrene	**41**	**J**	74	37	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Isophorone	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2-Methylnaphthalene	**18**	**J**	74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2-Methylphenol	ND		370	110	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Naphthalene	ND		74	14	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Phenanthrene	**40**	**J**	74	20	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Phenol	ND		370	110	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
Pyrene	**92**		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2,3,4,6-Tetrachlorophenol	ND		370	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	04/14/23 16:35	04/15/23 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*44 - 105*	*04/14/23 16:35*	*04/15/23 13:25*	*1*
2-Fluorophenol (Surr)	*48*		*48 - 105*	*04/14/23 16:35*	*04/15/23 13:25*	*1*
Nitrobenzene-d5 (Surr)	*61*		*46 - 105*	*04/14/23 16:35*	*04/15/23 13:25*	*1*
Phenol-d5 (Surr)	*55*		*46 - 105*	*04/14/23 16:35*	*04/15/23 13:25*	*1*
Terphenyl-d14 (Surr)	*66*		*39 - 105*	*04/14/23 16:35*	*04/15/23 13:25*	*1*
2,4,6-Tribromophenol (Surr)	*50*		*34 - 108*	*04/14/23 16:35*	*04/15/23 13:25*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	04/13/23 10:28	04/18/23 17:32	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/13/23 10:28	04/18/23 17:32	1
PCB-1232	ND		18	4.5	ug/Kg	☼	04/13/23 10:28	04/18/23 17:32	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/13/23 10:28	04/18/23 17:32	1
PCB-1248	**37**		18	4.4	ug/Kg	☼	04/13/23 10:28	04/18/23 17:32	1
PCB-1254	**25**		18	5.5	ug/Kg	☼	04/13/23 10:28	04/18/23 17:32	1
PCB-1260	ND		18	5.2	ug/Kg	☼	04/13/23 10:28	04/18/23 17:32	1
PCB-1262	ND		18	6.5	ug/Kg	☼	04/13/23 10:28	04/18/23 17:32	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/13/23 10:28	04/18/23 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*100*		*63 - 138*	*04/13/23 10:28*	*04/18/23 17:32*	*1*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*	*04/13/23 10:28*	*04/18/23 17:32*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*55 - 135*	*04/13/23 10:28*	*04/18/23 17:32*	*1*

Client Sample ID: SSHS-IRM5A2-SCV45-0.17-0.92

Lab Sample ID: 180-154808-3
Date Collected: 04/07/23 09:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 89.2

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*105*		*55 - 135*	*04/13/23 10:28*	*04/18/23 17:32*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		15	3.7	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Antimony	ND		0.75	0.23	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Arsenic	**10**		0.75	0.47	mg/Kg	☼	04/17/23 12:00	04/26/23 19:58	1
Barium	**130**		15	2.7	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Beryllium	**0.52**		0.30	0.081	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Cadmium	**0.82**		0.37	0.055	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Calcium	**5900**		370	48	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Chromium	**14**		0.37	0.34	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Cobalt	**9.6**		3.7	0.53	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Copper	**31**		1.9	1.1	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Iron	**23000**	**B**	7.5	7.3	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Lead	**65**		0.75	0.65	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Magnesium	**4500**		370	41	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Manganese	**630**		1.1	0.21	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Nickel	**28**		3.0	0.38	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Potassium	**770**		370	64	mg/Kg	☼	04/17/23 12:00	04/26/23 19:58	1
Selenium	**0.43**	**J**	0.75	0.34	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Silver	ND		0.37	0.078	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Sodium	**64**	**J**	370	38	mg/Kg	☼	04/17/23 12:00	04/26/23 19:58	1
Thallium	**0.57**	**J**	1.5	0.21	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Vanadium	**17**		3.7	0.59	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1
Zinc	**170**	**B**	1.5	1.1	mg/Kg	☼	04/17/23 12:00	04/22/23 00:22	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.18**		0.035	0.022	mg/Kg	☼	04/27/23 10:20	04/28/23 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**10.8**		0.1	0.1	%			04/11/23 17:10	1
Percent Solids (SM22 2540G)	**89.2**		0.1	0.1	%			04/11/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV45-0.92-1.92

Lab Sample ID: 180-154808-4
Date Collected: 04/07/23 09:15
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Benzene	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
2-Butanone (MEK)	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV45-0.92-1.92
Date Collected: 04/07/23 09:15
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-4
Matrix: Solid
Percent Solids: 91.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,2-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,4-Dichlorobenzene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Dichlorodifluoromethane	ND	*+	5.5	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Isopropylbenzene	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Methyl acetate	ND		27	8.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Methylcyclohexane	ND		5.5	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Methylene Chloride	ND		5.5	4.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
m-Xylene & p-Xylene	ND		5.5	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Styrene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Trichlorofluoromethane	ND		5.5	4.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Vinyl chloride	ND		5.5	3.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1
Xylenes, Total	ND		11	7.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*60 - 124*	*04/19/23 07:41*	*04/19/23 16:09*	*1*
Dibromofluoromethane (Surr)	*126*		*69 - 126*	*04/19/23 07:41*	*04/19/23 16:09*	*1*

Client Sample ID: SSHS-IRM5A2-SCV45-0.92-1.92
Date Collected: 04/07/23 09:15
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-4
Matrix: Solid
Percent Solids: 91.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*138*	*S1+*	*73 - 135*	*04/19/23 07:41*	*04/19/23 16:09*	*1*
Toluene-d8 (Surr)	*107*		*67 - 134*	*04/19/23 07:41*	*04/19/23 16:09*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		72	21	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Acenaphthylene	**20**	**J**	72	16	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Acetophenone	ND		720	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Anthracene	**27**	**J**	72	19	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Atrazine	ND		720	160	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Benzaldehyde	ND		720	45	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Benzo[a]anthracene	**71**	**J**	72	33	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Benzo[a]pyrene	**79**		72	31	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Benzo[b]fluoranthene	**120**		72	18	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Benzo[g,h,i]perylene	**74**		72	16	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Benzo[k]fluoranthene	**50**	**J**	72	22	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Bis(2-chloroethyl)ether	ND		72	13	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Bis(2-ethylhexyl) phthalate	ND		3600	380	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
4-Bromophenyl phenyl ether	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Carbazole	ND		72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
4-Chloroaniline	ND		360	95	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2-Chloronaphthalene	ND		72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Chrysene	**140**		72	40	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Dibenz(a,h)anthracene	ND		72	46	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Dibenzofuran	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2,4-Dichlorophenol	ND		72	28	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Dimethyl phthalate	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
4,6-Dinitro-2-methylphenol	ND	*+	1800	620	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2,4-Dinitrophenol	ND		3600	2200	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
1,4-Dioxane	ND		720	110	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Fluoranthene	**100**		72	19	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Fluorene	ND		72	14	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Hexachlorobenzene	ND		72	26	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Hexachlorobutadiene	ND		72	21	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Hexachlorocyclopentadiene	ND		360	37	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1

Client Sample ID: SSHS-IRM5A2-SCV45-0.92-1.92

Date Collected: 04/07/23 09:15
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-4

Matrix: Solid
Percent Solids: 91.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Indeno[1,2,3-cd]pyrene	**60**	**J**	72	36	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Isophorone	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2-Methylnaphthalene	**19**	**J**	72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2-Methylphenol	ND		360	100	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Naphthalene	**28**	**J**	72	14	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
3-Nitroaniline	ND		1800	92	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Nitrobenzene	ND		720	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
N-Nitrosodi-n-propylamine	ND		72	24	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2,2'-oxybis[1-chloropropane]	ND		72	27	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Pentachlorophenol	ND		1800	580	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Phenanthrene	**53**	**J**	72	19	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Phenol	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
Pyrene	**140**		72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*44 - 105*	*04/14/23 16:35*	*04/15/23 13:47*	*1*
2-Fluorophenol (Surr)	*55*		*48 - 105*	*04/14/23 16:35*	*04/15/23 13:47*	*1*
Nitrobenzene-d5 (Surr)	*63*		*46 - 105*	*04/14/23 16:35*	*04/15/23 13:47*	*1*
Phenol-d5 (Surr)	*59*		*46 - 105*	*04/14/23 16:35*	*04/15/23 13:47*	*1*
Terphenyl-d14 (Surr)	*75*		*39 - 105*	*04/14/23 16:35*	*04/15/23 13:47*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*34 - 108*	*04/14/23 16:35*	*04/15/23 13:47*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	04/13/23 10:28	04/18/23 17:51	1
PCB-1221	ND		18	6.3	ug/Kg	☼	04/13/23 10:28	04/18/23 17:51	1
PCB-1232	ND		18	4.4	ug/Kg	☼	04/13/23 10:28	04/18/23 17:51	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/13/23 10:28	04/18/23 17:51	1
PCB-1248	**140**		18	4.3	ug/Kg	☼	04/13/23 10:28	04/18/23 17:51	1
PCB-1254	**93**		18	5.4	ug/Kg	☼	04/13/23 10:28	04/18/23 17:51	1
PCB-1260	**19**		18	5.1	ug/Kg	☼	04/13/23 10:28	04/18/23 17:51	1
PCB-1262	ND		18	6.3	ug/Kg	☼	04/13/23 10:28	04/18/23 17:51	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/13/23 10:28	04/18/23 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*63 - 138*	*04/13/23 10:28*	*04/18/23 17:51*	*1*
DCB Decachlorobiphenyl (Surr)	*110*		*63 - 138*	*04/13/23 10:28*	*04/18/23 17:51*	*1*
Tetrachloro-m-xylene (Surr)	*116*		*55 - 135*	*04/13/23 10:28*	*04/18/23 17:51*	*1*
Tetrachloro-m-xylene (Surr)	*121*		*55 - 135*	*04/13/23 10:28*	*04/18/23 17:51*	*1*

Client Sample ID: SSHS-IRM5A2-SCV45-0.92-1.92
Lab Sample ID: 180-154808-4
Date Collected: 04/07/23 09:15
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.2

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		14	3.4	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Antimony	0.20	J	0.68	0.20	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Arsenic	15		3.4	2.1	mg/Kg	☼	04/17/23 12:00	04/26/23 20:08	5
Barium	160		14	2.4	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Beryllium	0.67		0.27	0.074	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Cadmium	0.57	J	1.7	0.25	mg/Kg	☼	04/17/23 12:00	04/26/23 20:08	5
Calcium	4700		340	44	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Chromium	19		0.34	0.31	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Cobalt	14		3.4	0.48	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Copper	49		1.7	1.0	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Iron	36000	B	34	33	mg/Kg	☼	04/17/23 12:00	04/26/23 20:08	5
Lead	94		3.4	2.9	mg/Kg	☼	04/17/23 12:00	04/26/23 20:08	5
Magnesium	4100		340	37	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Manganese	1000		1.0	0.19	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Nickel	39		2.7	0.34	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Potassium	1000		340	58	mg/Kg	☼	04/17/23 12:00	04/26/23 20:03	1
Selenium	0.68		0.68	0.31	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Silver	ND		0.34	0.070	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Sodium	72	J	340	35	mg/Kg	☼	04/17/23 12:00	04/26/23 20:03	1
Thallium	1.7	J	6.8	0.96	mg/Kg	☼	04/17/23 12:00	04/26/23 20:08	5
Vanadium	20		3.4	0.54	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1
Zinc	210	B	1.4	0.98	mg/Kg	☼	04/17/23 12:00	04/22/23 00:27	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.26		0.031	0.020	mg/Kg	☼	04/27/23 10:20	04/28/23 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	8.8		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	91.2		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV46-0-0.17
Lab Sample ID: 180-154808-5
Date Collected: 04/07/23 09:20
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 84.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
2-Butanone (MEK)	ND		5.7	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Carbon disulfide	ND		5.7	4.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Chloroethane	ND		5.7	3.4	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Chloroform	ND		5.7	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV46-0-0.17
Date Collected: 04/07/23 09:20
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-5
Matrix: Solid
Percent Solids: 84.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.7	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Dichlorobromomethane	ND		5.7	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Dichlorodifluoromethane	ND	*+	5.7	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,2-Dichloroethane	ND		5.7	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,2-Dichloroethene, Total	ND		11	4.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,4-Dioxane	ND		1100	41	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Methyl acetate	ND		29	8.4	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Methylcyclohexane	ND		5.7	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Methylene Chloride	ND		5.7	5.2	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Toluene	ND		5.7	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,2,3-Trichlorobenzene	ND		5.7	3.2	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Trichlorofluoromethane	ND		5.7	4.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1
Xylenes, Total	ND		11	8.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 124*	*04/19/23 07:41*	*04/19/23 16:32*	*1*
Dibromofluoromethane (Surr)	*111*		*69 - 126*	*04/19/23 07:41*	*04/19/23 16:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*73 - 135*	*04/19/23 07:41*	*04/19/23 16:32*	*1*
Toluene-d8 (Surr)	*99*		*67 - 134*	*04/19/23 07:41*	*04/19/23 16:32*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV46-0-0.17
Date Collected: 04/07/23 09:20
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-5
Matrix: Solid
Percent Solids: 84.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Acenaphthylene	**63**	**J**	77	17	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Acetophenone	ND		770	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Anthracene	**66**	**J**	77	20	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Atrazine	ND		770	170	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Benzaldehyde	ND		770	48	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Benzo[a]anthracene	**450**		77	35	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Benzo[a]pyrene	**320**		77	33	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Benzo[b]fluoranthene	**510**		77	19	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Benzo[g,h,i]perylene	**280**		77	17	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Benzo[k]fluoranthene	**180**		77	23	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Bis(2-chloroethyl)ether	ND		77	14	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Butyl benzyl phthalate	ND		380	260	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Carbazole	**38**	**J**	77	18	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Chrysene	**520**		77	43	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Dibenz(a,h)anthracene	**69**	**J**	77	49	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Di-n-butyl phthalate	ND		380	170	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
4,6-Dinitro-2-methylphenol	ND	*+	2000	660	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
1,4-Dioxane	ND		770	120	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Fluoranthene	**610**		77	20	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Fluorene	ND		77	15	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Hexachlorobenzene	ND		77	28	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Hexachlorobutadiene	ND		77	23	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Hexachloroethane	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Indeno[1,2,3-cd]pyrene	**240**		77	38	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Isophorone	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2-Methylnaphthalene	**23**	**J**	77	18	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1

Client Sample ID: SSHS-IRM5A2-SCV46-0-0.17

Date Collected: 04/07/23 09:20
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-5

Matrix: Solid
Percent Solids: 84.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Naphthalene	**30**	**J**	77	15	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Nitrobenzene	ND		770	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2,2'-oxybis[1-chloropropane]	ND		77	29	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Phenanthrene	**130**		77	21	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Phenol	ND		380	120	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
Pyrene	**910**		77	18	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*04/14/23 16:35*	*04/15/23 14:09*	*1*
2-Fluorophenol (Surr)	*59*		*48 - 105*	*04/14/23 16:35*	*04/15/23 14:09*	*1*
Nitrobenzene-d5 (Surr)	*67*		*46 - 105*	*04/14/23 16:35*	*04/15/23 14:09*	*1*
Phenol-d5 (Surr)	*62*		*46 - 105*	*04/14/23 16:35*	*04/15/23 14:09*	*1*
Terphenyl-d14 (Surr)	*91*		*39 - 105*	*04/14/23 16:35*	*04/15/23 14:09*	*1*
2,4,6-Tribromophenol (Surr)	*57*		*34 - 108*	*04/14/23 16:35*	*04/15/23 14:09*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/13/23 10:28	04/18/23 18:10	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/13/23 10:28	04/18/23 18:10	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/13/23 10:28	04/18/23 18:10	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/13/23 10:28	04/18/23 18:10	1
PCB-1248	**190**		20	4.7	ug/Kg	☼	04/13/23 10:28	04/18/23 18:10	1
PCB-1254	**120**		20	5.9	ug/Kg	☼	04/13/23 10:28	04/18/23 18:10	1
PCB-1260	**37**		20	5.6	ug/Kg	☼	04/13/23 10:28	04/18/23 18:10	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/13/23 10:28	04/18/23 18:10	1
PCB-1268	ND		20	2.6	ug/Kg	☼	04/13/23 10:28	04/18/23 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*106*		*63 - 138*	*04/13/23 10:28*	*04/18/23 18:10*	*1*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*	*04/13/23 10:28*	*04/18/23 18:10*	*1*
Tetrachloro-m-xylene (Surr)	*111*		*55 - 135*	*04/13/23 10:28*	*04/18/23 18:10*	*1*
Tetrachloro-m-xylene (Surr)	*113*		*55 - 135*	*04/13/23 10:28*	*04/18/23 18:10*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		20	5.0	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Antimony	ND		1.0	0.30	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1

Client Sample ID: SSHS-IRM5A2-SCV46-0-0.17

Lab Sample ID: 180-154808-5

Date Collected: 04/07/23 09:20
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 84.9

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.7		1.0	0.63	mg/Kg	☼	04/17/23 12:00	04/26/23 20:23	1
Barium	130		20	3.6	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Beryllium	0.56		0.40	0.11	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Cadmium	0.96		0.50	0.073	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Calcium	3800		500	65	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Chromium	20		0.50	0.45	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Cobalt	9.9		5.0	0.70	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Copper	45		2.5	1.5	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Iron	24000	B	10	9.7	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Lead	78		1.0	0.87	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Magnesium	3100		500	55	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Manganese	600		1.5	0.28	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Nickel	32		4.0	0.50	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Potassium	1600		500	85	mg/Kg	☼	04/17/23 12:00	04/26/23 20:23	1
Selenium	0.66	J	1.0	0.46	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Silver	ND		0.50	0.10	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Sodium	53	J	500	51	mg/Kg	☼	04/17/23 12:00	04/26/23 20:23	1
Thallium	0.68	J	2.0	0.28	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Vanadium	18		5.0	0.79	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1
Zinc	290	B	2.0	1.4	mg/Kg	☼	04/17/23 12:00	04/22/23 00:32	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.036	0.023	mg/Kg	☼	04/27/23 10:20	04/28/23 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	15.1		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	84.9		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP16

Lab Sample ID: 180-154808-6

Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 88.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Benzene	ND		5.6	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Bromomethane	ND		5.6	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
2-Butanone (MEK)	ND		5.6	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Carbon disulfide	ND		5.6	4.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Carbon tetrachloride	ND		5.6	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Chlorobenzene	ND		5.6	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Chlorobromomethane	ND		5.6	3.4	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Chlorodibromomethane	ND		5.6	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Chloroethane	ND		5.6	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Chloroform	ND		5.6	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Chloromethane	ND		5.6	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP16
Date Collected: 04/07/23 00:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-6
Matrix: Solid
Percent Solids: 88.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Cyclohexane	ND		5.6	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,2-Dibromo-3-Chloropropane	ND		5.6	3.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,2-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,3-Dichlorobenzene	ND		5.6	3.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,4-Dichlorobenzene	ND		5.6	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Dichlorobromomethane	ND		5.6	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Dichlorodifluoromethane	ND	*+	5.6	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,1-Dichloroethane	ND		5.6	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,2-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,1-Dichloroethene	ND		5.6	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,2-Dichloropropane	ND		5.6	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Ethylbenzene	ND		5.6	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
2-Hexanone	ND		5.6	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Isopropylbenzene	ND		5.6	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Methyl acetate	ND		28	8.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Methylcyclohexane	ND		5.6	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Methylene Chloride	ND		5.6	5.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.6	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Methyl tert-butyl ether	ND		5.6	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
m-Xylene & p-Xylene	ND		5.6	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
o-Xylene	ND		5.6	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Styrene	ND		5.6	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Tetrachloroethene	ND		5.6	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Toluene	ND		5.6	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
trans-1,2-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,2,3-Trichlorobenzene	ND		5.6	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,2,4-Trichlorobenzene	ND		5.6	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,1,1-Trichloroethane	ND		5.6	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,1,2-Trichloroethane	ND		5.6	1.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Trichloroethene	ND		5.6	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Trichlorofluoromethane	ND		5.6	4.7	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Vinyl chloride	ND		5.6	4.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1
Xylenes, Total	ND		11	8.1	ug/Kg	☼	04/19/23 07:41	04/19/23 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*	*04/19/23 07:41*	*04/19/23 16:55*	*1*
Dibromofluoromethane (Surr)	*117*		*69 - 126*	*04/19/23 07:41*	*04/19/23 16:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*73 - 135*	*04/19/23 07:41*	*04/19/23 16:55*	*1*
Toluene-d8 (Surr)	*102*		*67 - 134*	*04/19/23 07:41*	*04/19/23 16:55*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV-DUP16
Date Collected: 04/07/23 00:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-6
Matrix: Solid
Percent Solids: 88.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**24**	**J**	76	16	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Acetophenone	ND		760	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Anthracene	ND		76	20	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Atrazine	ND		760	160	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Benzaldehyde	ND		760	47	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Benzo[a]anthracene	**63**	**J**	76	34	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Benzo[a]pyrene	**87**		76	33	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Benzo[b]fluoranthene	**110**		76	19	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Benzo[g,h,i]perylene	**88**		76	16	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Benzo[k]fluoranthene	**35**	**J**	76	23	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Bis(2-chloroethyl)ether	ND		76	14	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Butyl benzyl phthalate	ND		370	260	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Caprolactam	ND		1900	250	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Carbazole	ND		76	18	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Chrysene	**99**		76	42	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Dibenzofuran	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Dimethyl phthalate	ND		370	150	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Di-n-butyl phthalate	ND		370	160	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
4,6-Dinitro-2-methylphenol	ND	*+	1900	650	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
1,4-Dioxane	ND		760	120	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Fluoranthene	**81**		76	20	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Fluorene	ND		76	15	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Hexachlorocyclopentadiene	ND		370	39	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Hexachloroethane	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Indeno[1,2,3-cd]pyrene	**66**	**J**	76	38	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Isophorone	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2-Methylnaphthalene	**18**	**J**	76	18	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2-Methylphenol	ND		370	110	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP16

Date Collected: 04/07/23 00:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-6

Matrix: Solid
Percent Solids: 88.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**20**	**J**	76	15	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Nitrobenzene	ND		760	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Phenanthrene	**48**	**J**	76	20	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Phenol	ND		370	110	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
Pyrene	**160**		76	18	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*04/14/23 16:35*	*04/15/23 14:31*	*1*
2-Fluorophenol (Surr)	*56*		*48 - 105*	*04/14/23 16:35*	*04/15/23 14:31*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*	*04/14/23 16:35*	*04/15/23 14:31*	*1*
Phenol-d5 (Surr)	*61*		*46 - 105*	*04/14/23 16:35*	*04/15/23 14:31*	*1*
Terphenyl-d14 (Surr)	*88*		*39 - 105*	*04/14/23 16:35*	*04/15/23 14:31*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*34 - 108*	*04/14/23 16:35*	*04/15/23 14:31*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	04/13/23 10:28	04/18/23 18:28	1
PCB-1221	ND		19	6.6	ug/Kg	☼	04/13/23 10:28	04/18/23 18:28	1
PCB-1232	ND		19	4.6	ug/Kg	☼	04/13/23 10:28	04/18/23 18:28	1
PCB-1242	ND		19	2.7	ug/Kg	☼	04/13/23 10:28	04/18/23 18:28	1
PCB-1248	**96**		19	4.5	ug/Kg	☼	04/13/23 10:28	04/18/23 18:28	1
PCB-1254	**67**		19	5.6	ug/Kg	☼	04/13/23 10:28	04/18/23 18:28	1
PCB-1260	**16**	**J**	19	5.3	ug/Kg	☼	04/13/23 10:28	04/18/23 18:28	1
PCB-1262	ND		19	6.6	ug/Kg	☼	04/13/23 10:28	04/18/23 18:28	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/13/23 10:28	04/18/23 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*100*		*63 - 138*	*04/13/23 10:28*	*04/18/23 18:28*	*1*
DCB Decachlorobiphenyl (Surr)	*99*		*63 - 138*	*04/13/23 10:28*	*04/18/23 18:28*	*1*
Tetrachloro-m-xylene (Surr)	*123*		*55 - 135*	*04/13/23 10:28*	*04/18/23 18:28*	*1*
Tetrachloro-m-xylene (Surr)	*126*		*55 - 135*	*04/13/23 10:28*	*04/18/23 18:28*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		13	3.4	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Antimony	ND		0.67	0.20	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Arsenic	**10**		0.67	0.42	mg/Kg	☼	04/17/23 12:00	04/26/23 20:28	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP16

Lab Sample ID: 180-154808-6

Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 88.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	120		13	2.4	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Beryllium	0.58		0.27	0.073	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Cadmium	0.99		0.34	0.049	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Calcium	3100		340	43	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Chromium	19		0.34	0.31	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Cobalt	11		3.4	0.47	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Copper	46		1.7	1.0	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Iron	24000	B	6.7	6.5	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Lead	82		0.67	0.59	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Magnesium	3200		340	37	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Manganese	620		1.0	0.19	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Nickel	33		2.7	0.34	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Potassium	1300		340	57	mg/Kg	☼	04/17/23 12:00	04/26/23 20:28	1
Selenium	0.68		0.67	0.31	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Silver	ND		0.34	0.070	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Sodium	45	J	340	34	mg/Kg	☼	04/17/23 12:00	04/26/23 20:28	1
Thallium	0.42	J	1.3	0.19	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Vanadium	18		3.4	0.53	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1
Zinc	300	B	1.3	0.97	mg/Kg	☼	04/17/23 12:00	04/22/23 00:37	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.097		0.037	0.024	mg/Kg	☼	04/27/23 10:20	04/28/23 15:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	11.5		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	88.5		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV46-0.17-0.83

Lab Sample ID: 180-154808-7

Date Collected: 04/07/23 09:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 94.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Benzene	ND		5.0	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Bromoform	ND		5.0	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Bromomethane	ND		5.0	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
2-Butanone (MEK)	ND		5.0	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Carbon disulfide	ND		5.0	4.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Chlorobenzene	ND		5.0	1.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Chloroethane	ND		5.0	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Chloroform	ND		5.0	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Chloromethane	ND		5.0	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1

Client Sample ID: SSHS-IRM5A2-SCV46-0.17-0.83
Date Collected: 04/07/23 09:25
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-7
Matrix: Solid
Percent Solids: 94.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		5.0	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Dichlorodifluoromethane	ND	*+	5.0	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,2-Dichloroethane	ND		5.0	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,4-Dioxane	ND		1000	36	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Ethylbenzene	ND		5.0	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
2-Hexanone	ND		5.0	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Methyl acetate	ND		25	7.4	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Methylene Chloride	ND		5.0	4.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
o-Xylene	ND		5.0	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Styrene	ND		5.0	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Toluene	ND		5.0	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,2,4-Trichlorobenzene	ND		5.0	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,1,2-Trichloroethane	ND		5.0	1.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Trichloroethene	ND		5.0	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Vinyl chloride	ND		5.0	3.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1
Xylenes, Total	ND		10	7.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*60 - 124*	*04/19/23 07:41*	*04/19/23 17:18*	*1*
Dibromofluoromethane (Surr)	*113*		*69 - 126*	*04/19/23 07:41*	*04/19/23 17:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*73 - 135*	*04/19/23 07:41*	*04/19/23 17:18*	*1*
Toluene-d8 (Surr)	*99*		*67 - 134*	*04/19/23 07:41*	*04/19/23 17:18*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		70	20	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Acenaphthylene	ND		70	15	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV46-0.17-0.83
Date Collected: 04/07/23 09:25
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-7
Matrix: Solid
Percent Solids: 94.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		700	120	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Anthracene	ND		70	18	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Atrazine	ND		700	150	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Benzaldehyde	ND		700	43	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Benzo[a]anthracene	ND		70	32	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Benzo[a]pyrene	ND		70	30	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Benzo[b]fluoranthene	ND		70	17	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Benzo[g,h,i]perylene	ND		70	15	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Benzo[k]fluoranthene	ND		70	21	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
1,1'-Biphenyl	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Bis(2-chloroethoxy)methane	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Bis(2-chloroethyl)ether	ND		70	13	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Bis(2-ethylhexyl) phthalate	ND		3500	370	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
4-Bromophenyl phenyl ether	ND		350	150	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Butyl benzyl phthalate	ND		350	240	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Carbazole	ND		70	16	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
4-Chloroaniline	ND		350	92	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
4-Chloro-3-methylphenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2-Chloronaphthalene	ND		70	16	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2-Chlorophenol	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
4-Chlorophenyl phenyl ether	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Chrysene	ND		70	39	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Dibenz(a,h)anthracene	ND		70	45	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Dibenzofuran	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
3,3'-Dichlorobenzidine	ND		350	330	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2,4-Dichlorophenol	ND		70	27	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Diethyl phthalate	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2,4-Dimethylphenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Dimethyl phthalate	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Di-n-butyl phthalate	ND		350	150	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
4,6-Dinitro-2-methylphenol	ND	*+	1800	600	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2,4-Dinitrophenol	ND		3500	2200	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2,4-Dinitrotoluene	ND		350	210	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2,6-Dinitrotoluene	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Di-n-octyl phthalate	ND		350	200	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
1,4-Dioxane	ND		700	110	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Fluoranthene	ND		70	18	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Fluorene	ND		70	14	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Hexachlorobenzene	ND		70	25	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Hexachlorobutadiene	ND		70	20	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Hexachlorocyclopentadiene	ND		350	36	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Hexachloroethane	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Indeno[1,2,3-cd]pyrene	ND		70	35	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Isophorone	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2-Methylnaphthalene	ND		70	17	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2-Methylphenol	ND		350	100	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Methylphenol, 3 & 4	ND		350	100	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Naphthalene	ND		70	14	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1

Client Sample ID: SSHS-IRM5A2-SCV46-0.17-0.83
Date Collected: 04/07/23 09:25
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-7
Matrix: Solid
Percent Solids: 94.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
3-Nitroaniline	ND		1800	89	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Nitrobenzene	ND		700	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2-Nitrophenol	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
N-Nitrosodi-n-propylamine	ND		70	24	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
N-Nitrosodiphenylamine	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2,2'-oxybis[1-chloropropane]	ND		70	26	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Pentachlorophenol	ND		1800	560	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Phenanthrene	ND		70	19	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Phenol	ND		350	110	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
Pyrene	ND		70	17	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
1,2,4,5-Tetrachlorobenzene	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2,3,4,6-Tetrachlorophenol	ND		350	150	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2,4,5-Trichlorophenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1
2,4,6-Trichlorophenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*04/14/23 16:35*	*04/15/23 14:53*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*04/14/23 16:35*	*04/15/23 14:53*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*	*04/14/23 16:35*	*04/15/23 14:53*	*1*
Phenol-d5 (Surr)	*63*		*46 - 105*	*04/14/23 16:35*	*04/15/23 14:53*	*1*
Terphenyl-d14 (Surr)	*83*		*39 - 105*	*04/14/23 16:35*	*04/15/23 14:53*	*1*
2,4,6-Tribromophenol (Surr)	*40*		*34 - 108*	*04/14/23 16:35*	*04/15/23 14:53*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.6	ug/Kg	☼	04/13/23 10:28	04/18/23 18:47	1
PCB-1221	ND		17	6.1	ug/Kg	☼	04/13/23 10:28	04/18/23 18:47	1
PCB-1232	ND		17	4.2	ug/Kg	☼	04/13/23 10:28	04/18/23 18:47	1
PCB-1242	ND		17	2.5	ug/Kg	☼	04/13/23 10:28	04/18/23 18:47	1
PCB-1248	ND		17	4.1	ug/Kg	☼	04/13/23 10:28	04/18/23 18:47	1
PCB-1254	**19**		17	5.1	ug/Kg	☼	04/13/23 10:28	04/18/23 18:47	1
PCB-1260	ND		17	4.9	ug/Kg	☼	04/13/23 10:28	04/18/23 18:47	1
PCB-1262	ND		17	6.0	ug/Kg	☼	04/13/23 10:28	04/18/23 18:47	1
PCB-1268	ND		17	2.3	ug/Kg	☼	04/13/23 10:28	04/18/23 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*111*		*63 - 138*	*04/13/23 10:28*	*04/18/23 18:47*	*1*
DCB Decachlorobiphenyl (Surr)	*102*		*63 - 138*	*04/13/23 10:28*	*04/18/23 18:47*	*1*
Tetrachloro-m-xylene (Surr)	*126*		*55 - 135*	*04/13/23 10:28*	*04/18/23 18:47*	*1*
Tetrachloro-m-xylene (Surr)	*129*		*55 - 135*	*04/13/23 10:28*	*04/18/23 18:47*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9500**		17	4.2	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Antimony	ND		0.84	0.25	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Arsenic	**8.9**		0.84	0.52	mg/Kg	☼	04/17/23 12:00	04/26/23 20:33	1
Barium	**57**		17	3.0	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1

Client Sample ID: SSHS-IRM5A2-SCV46-0.17-0.83

Lab Sample ID: 180-154808-7

Date Collected: 04/07/23 09:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 94.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.43		0.33	0.091	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Cadmium	0.60		0.42	0.061	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Calcium	1800		420	54	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Chromium	12		0.42	0.38	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Cobalt	8.7		4.2	0.59	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Copper	30		2.1	1.3	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Iron	22000	B	8.4	8.2	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Lead	21		0.84	0.73	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Magnesium	2900		420	46	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Manganese	530		1.3	0.23	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Nickel	22		3.3	0.42	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Potassium	580		420	71	mg/Kg	☼	04/17/23 12:00	04/26/23 20:33	1
Selenium	ND		0.84	0.39	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Silver	ND		0.42	0.087	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Sodium	ND		420	43	mg/Kg	☼	04/17/23 12:00	04/26/23 20:33	1
Thallium	0.62	J	1.7	0.24	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Vanadium	15		4.2	0.66	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1
Zinc	82	B	1.7	1.2	mg/Kg	☼	04/17/23 12:00	04/22/23 00:43	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.086		0.030	0.019	mg/Kg	☼	04/27/23 10:20	04/28/23 15:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	5.2		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	94.8		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV46-0.83-1.83

Lab Sample ID: 180-154808-8

Date Collected: 04/07/23 09:30
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 92.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Benzene	ND		5.1	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Bromoform	ND		5.1	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Bromomethane	ND		5.1	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
2-Butanone (MEK)	ND		5.1	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Carbon disulfide	ND		5.1	4.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Carbon tetrachloride	ND		5.1	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Chlorobenzene	ND		5.1	1.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Chlorobromomethane	ND		5.1	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Chlorodibromomethane	ND		5.1	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Chloroethane	ND		5.1	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Chloroform	ND		5.1	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Chloromethane	ND		5.1	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
cis-1,2-Dichloroethene	ND		5.1	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
cis-1,3-Dichloropropene	ND		5.1	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Cyclohexane	ND		5.1	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1

Client Sample ID: SSHS-IRM5A2-SCV46-0.83-1.83
Date Collected: 04/07/23 09:30
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-8
Matrix: Solid
Percent Solids: 92.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.1	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,2-Dibromoethane	ND		5.1	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,2-Dichlorobenzene	ND		5.1	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,3-Dichlorobenzene	ND		5.1	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,4-Dichlorobenzene	ND		5.1	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Dichlorobromomethane	ND		5.1	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Dichlorodifluoromethane	ND	*+	5.1	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,1-Dichloroethane	ND		5.1	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,2-Dichloroethane	ND		5.1	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,1-Dichloroethene	ND		5.1	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,2-Dichloropropane	ND		5.1	1.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,4-Dioxane	ND		1000	36	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Ethylbenzene	ND		5.1	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
2-Hexanone	ND		5.1	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Isopropylbenzene	ND		5.1	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Methyl acetate	ND		25	7.4	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Methylcyclohexane	ND		5.1	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Methylene Chloride	ND		5.1	4.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.1	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Methyl tert-butyl ether	ND		5.1	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
m-Xylene & p-Xylene	ND		5.1	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
o-Xylene	ND		5.1	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Styrene	ND		5.1	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,1,2,2-Tetrachloroethane	ND		5.1	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Tetrachloroethene	ND		5.1	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Toluene	ND		5.1	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
trans-1,2-Dichloroethene	ND		5.1	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
trans-1,3-Dichloropropene	ND		5.1	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,2,3-Trichlorobenzene	ND		5.1	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,2,4-Trichlorobenzene	ND		5.1	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,1,1-Trichloroethane	ND		5.1	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,1,2-Trichloroethane	ND		5.1	1.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Trichloroethene	ND		5.1	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Trichlorofluoromethane	ND		5.1	4.2	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.1	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Vinyl chloride	ND		5.1	3.6	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1
Xylenes, Total	ND		10	7.3	ug/Kg	☼	04/19/23 07:41	04/19/23 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*60 - 124*	*04/19/23 07:41*	*04/19/23 17:40*	*1*
Dibromofluoromethane (Surr)	*107*		*69 - 126*	*04/19/23 07:41*	*04/19/23 17:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*73 - 135*	*04/19/23 07:41*	*04/19/23 17:40*	*1*
Toluene-d8 (Surr)	*82*		*67 - 134*	*04/19/23 07:41*	*04/19/23 17:40*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		72	21	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Acenaphthylene	ND		72	16	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Acetophenone	ND		720	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV46-0.83-1.83
Date Collected: 04/07/23 09:30
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-8
Matrix: Solid
Percent Solids: 92.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		72	19	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Atrazine	ND		720	160	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Benzaldehyde	ND		720	44	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Benzo[a]anthracene	ND		72	32	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Benzo[a]pyrene	ND		72	31	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Benzo[b]fluoranthene	ND		72	18	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Benzo[g,h,i]perylene	ND		72	15	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Benzo[k]fluoranthene	ND		72	21	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
1,1'-Biphenyl	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Bis(2-chloroethoxy)methane	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Bis(2-chloroethyl)ether	ND		72	13	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Bis(2-ethylhexyl) phthalate	ND		3500	380	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
4-Bromophenyl phenyl ether	ND		350	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Butyl benzyl phthalate	ND		350	250	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Carbazole	ND		72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
4-Chloroaniline	ND		350	94	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
4-Chloro-3-methylphenol	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2-Chloronaphthalene	ND		72	16	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2-Chlorophenol	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
4-Chlorophenyl phenyl ether	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Chrysene	ND		72	40	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Dibenz(a,h)anthracene	ND		72	46	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Dibenzofuran	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
3,3'-Dichlorobenzidine	ND		350	330	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2,4-Dichlorophenol	ND		72	28	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Diethyl phthalate	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2,4-Dimethylphenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Dimethyl phthalate	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Di-n-butyl phthalate	ND		350	160	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
4,6-Dinitro-2-methylphenol	ND	*+	1800	620	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2,4-Dinitrophenol	ND		3500	2200	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2,4-Dinitrotoluene	ND		350	210	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2,6-Dinitrotoluene	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Di-n-octyl phthalate	ND		350	210	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
1,4-Dioxane	ND		720	110	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Fluoranthene	ND		72	19	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Fluorene	ND		72	14	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Hexachlorobenzene	ND		72	26	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Hexachlorobutadiene	ND		72	21	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Hexachlorocyclopentadiene	ND		350	37	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Hexachloroethane	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Indeno[1,2,3-cd]pyrene	ND		72	36	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Isophorone	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2-Methylnaphthalene	ND		72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2-Methylphenol	ND		350	100	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Methylphenol, 3 & 4	ND		350	110	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Naphthalene	ND		72	14	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1

Client Sample ID: SSHS-IRM5A2-SCV46-0.83-1.83

Date Collected: 04/07/23 09:30
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-8

Matrix: Solid
Percent Solids: 92.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		1800	91	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Nitrobenzene	ND		720	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2-Nitrophenol	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
N-Nitrosodi-n-propylamine	ND		72	24	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
N-Nitrosodiphenylamine	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2,2'-oxybis[1-chloropropane]	ND		72	26	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Pentachlorophenol	ND		1800	570	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Phenanthrene	ND		72	19	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Phenol	ND		350	110	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
Pyrene	ND		72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
1,2,4,5-Tetrachlorobenzene	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2,3,4,6-Tetrachlorophenol	ND		350	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2,4,5-Trichlorophenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1
2,4,6-Trichlorophenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*04/14/23 16:35*	*04/15/23 15:15*	*1*
2-Fluorophenol (Surr)	*55*		*48 - 105*	*04/14/23 16:35*	*04/15/23 15:15*	*1*
Nitrobenzene-d5 (Surr)	*64*		*46 - 105*	*04/14/23 16:35*	*04/15/23 15:15*	*1*
Phenol-d5 (Surr)	*61*		*46 - 105*	*04/14/23 16:35*	*04/15/23 15:15*	*1*
Terphenyl-d14 (Surr)	*91*		*39 - 105*	*04/14/23 16:35*	*04/15/23 15:15*	*1*
2,4,6-Tribromophenol (Surr)	*45*		*34 - 108*	*04/14/23 16:35*	*04/15/23 15:15*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.7	ug/Kg	☼	04/13/23 10:28	04/18/23 19:06	1
PCB-1221	ND		18	6.2	ug/Kg	☼	04/13/23 10:28	04/18/23 19:06	1
PCB-1232	ND		18	4.3	ug/Kg	☼	04/13/23 10:28	04/18/23 19:06	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/13/23 10:28	04/18/23 19:06	1
PCB-1248	ND		18	4.2	ug/Kg	☼	04/13/23 10:28	04/18/23 19:06	1
PCB-1254	**19**		18	5.3	ug/Kg	☼	04/13/23 10:28	04/18/23 19:06	1
PCB-1260	ND		18	5.0	ug/Kg	☼	04/13/23 10:28	04/18/23 19:06	1
PCB-1262	ND		18	6.2	ug/Kg	☼	04/13/23 10:28	04/18/23 19:06	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/13/23 10:28	04/18/23 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*100*		*63 - 138*	*04/13/23 10:28*	*04/18/23 19:06*	*1*
DCB Decachlorobiphenyl (Surr)	*95*		*63 - 138*	*04/13/23 10:28*	*04/18/23 19:06*	*1*
Tetrachloro-m-xylene (Surr)	*116*		*55 - 135*	*04/13/23 10:28*	*04/18/23 19:06*	*1*
Tetrachloro-m-xylene (Surr)	*121*		*55 - 135*	*04/13/23 10:28*	*04/18/23 19:06*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6400**		15	3.7	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Antimony	ND		0.74	0.22	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Arsenic	**8.4**		0.74	0.46	mg/Kg	☼	04/17/23 12:00	04/26/23 20:38	1
Barium	**31**		15	2.6	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Beryllium	**0.30**		0.30	0.081	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1

Client Sample ID: SSHS-IRM5A2-SCV46-0.83-1.83

Lab Sample ID: 180-154808-8
Date Collected: 04/07/23 09:30
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 92.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.50		0.37	0.054	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Calcium	1500		370	48	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Chromium	9.4		0.37	0.34	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Cobalt	7.1		3.7	0.52	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Copper	24		1.8	1.1	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Iron	18000	B	7.4	7.2	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Lead	15		0.74	0.64	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Magnesium	2400		370	41	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Manganese	320		1.1	0.21	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Nickel	19		3.0	0.37	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Potassium	490		370	63	mg/Kg	☼	04/17/23 12:00	04/26/23 20:38	1
Selenium	ND		0.74	0.34	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Silver	ND		0.37	0.077	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Sodium	ND		370	38	mg/Kg	☼	04/17/23 12:00	04/26/23 20:38	1
Thallium	0.56	J	1.5	0.21	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Vanadium	12		3.7	0.59	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1
Zinc	69	B	1.5	1.1	mg/Kg	☼	04/17/23 12:00	04/22/23 00:48	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030	J	0.034	0.022	mg/Kg	☼	04/27/23 10:20	04/28/23 15:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	7.4		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	92.6		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV47-0-0.17

Lab Sample ID: 180-154808-9
Date Collected: 04/07/23 09:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Benzene	ND		6.0	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Bromomethane	ND		6.0	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
2-Butanone (MEK)	ND		6.0	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Carbon disulfide	ND		6.0	4.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Carbon tetrachloride	ND		6.0	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Chlorobenzene	ND		6.0	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Chlorobromomethane	ND		6.0	3.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Chlorodibromomethane	ND		6.0	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Chloroethane	ND		6.0	3.5	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Chloroform	ND		6.0	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Chloromethane	ND		6.0	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
cis-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Cyclohexane	ND		6.0	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV47-0-0.17
Date Collected: 04/07/23 09:35
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-9
Matrix: Solid
Percent Solids: 83.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		6.0	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,2-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,3-Dichlorobenzene	ND		6.0	3.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Dichlorobromomethane	ND		6.0	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Dichlorodifluoromethane	ND	*+	6.0	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,1-Dichloroethane	ND		6.0	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,2-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,1-Dichloroethene	ND		6.0	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,2-Dichloroethene, Total	ND		12	4.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,2-Dichloropropane	ND		6.0	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Ethylbenzene	ND		6.0	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
2-Hexanone	ND		6.0	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Isopropylbenzene	ND		6.0	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Methyl acetate	ND		30	8.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Methylcyclohexane	ND		6.0	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Methylene Chloride	ND		6.0	5.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
4-Methyl-2-pentanone (MIBK)	ND		6.0	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Methyl tert-butyl ether	ND		6.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
m-Xylene & p-Xylene	ND		6.0	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
o-Xylene	ND		6.0	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Styrene	ND		6.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Tetrachloroethene	ND		6.0	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Toluene	ND		6.0	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
trans-1,2-Dichloroethene	ND		6.0	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
trans-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,2,3-Trichlorobenzene	ND		6.0	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,2,4-Trichlorobenzene	ND		6.0	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,1,1-Trichloroethane	ND		6.0	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,1,2-Trichloroethane	ND		6.0	1.2	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Trichloroethene	ND		6.0	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Trichlorofluoromethane	ND		6.0	4.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Vinyl chloride	ND		6.0	4.3	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1
Xylenes, Total	ND		12	8.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*60 - 124*	*04/19/23 07:41*	*04/19/23 18:03*	*1*
Dibromofluoromethane (Surr)	*109*		*69 - 126*	*04/19/23 07:41*	*04/19/23 18:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*73 - 135*	*04/19/23 07:41*	*04/19/23 18:03*	*1*
Toluene-d8 (Surr)	*89*		*67 - 134*	*04/19/23 07:41*	*04/19/23 18:03*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		81	23	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Acenaphthylene	**130**		81	18	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Acetophenone	ND		810	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Anthracene	**140**		81	21	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1

Client Sample ID: SSHS-IRM5A2-SCV47-0-0.17

Date Collected: 04/07/23 09:35
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-9

Matrix: Solid
Percent Solids: 83.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		810	180	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Benzaldehyde	ND		810	50	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Benzo[a]anthracene	**610**		81	36	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Benzo[a]pyrene	**630**		81	35	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Benzo[b]fluoranthene	**930**		81	20	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Benzo[g,h,i]perylene	**630**		81	17	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Benzo[k]fluoranthene	**330**		81	24	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Bis(2-chloroethyl)ether	ND		81	15	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Carbazole	**51**	**J**	81	19	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2-Chloronaphthalene	ND		81	18	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Chrysene	**790**		81	44	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Dibenz(a,h)anthracene	**190**		81	51	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
3,3'-Dichlorobenzidine	ND		400	370	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2,4-Dichlorophenol	ND		81	31	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2,4-Dimethylphenol	ND		400	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
4,6-Dinitro-2-methylphenol	ND	*+	2000	690	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Di-n-octyl phthalate	ND		400	230	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
1,4-Dioxane	ND		810	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Fluoranthene	**890**		81	21	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Fluorene	ND		81	16	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Hexachlorobenzene	ND		81	29	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Hexachlorobutadiene	ND		81	23	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Hexachlorocyclopentadiene	ND		400	41	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Indeno[1,2,3-cd]pyrene	**510**		81	40	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Isophorone	ND		400	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2-Methylnaphthalene	**86**		81	19	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2-Methylphenol	ND		400	110	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Naphthalene	**85**		81	16	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1

Client Sample ID: SSHS-IRM5A2-SCV47-0-0.17
Date Collected: 04/07/23 09:35
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-9
Matrix: Solid
Percent Solids: 83.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Nitrobenzene	ND		810	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
N-Nitrosodi-n-propylamine	ND		81	27	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2,2'-oxybis[1-chloropropane]	ND		81	30	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Phenanthrene	**430**		81	22	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Phenol	ND		400	120	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
Pyrene	**1400**		81	19	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/14/23 16:35*	*04/15/23 15:36*	*1*
2-Fluorophenol (Surr)	*58*		*48 - 105*	*04/14/23 16:35*	*04/15/23 15:36*	*1*
Nitrobenzene-d5 (Surr)	*63*		*46 - 105*	*04/14/23 16:35*	*04/15/23 15:36*	*1*
Phenol-d5 (Surr)	*61*		*46 - 105*	*04/14/23 16:35*	*04/15/23 15:36*	*1*
Terphenyl-d14 (Surr)	*85*		*39 - 105*	*04/14/23 16:35*	*04/15/23 15:36*	*1*
2,4,6-Tribromophenol (Surr)	*57*		*34 - 108*	*04/14/23 16:35*	*04/15/23 15:36*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.3	ug/Kg	☼	04/13/23 10:28	04/18/23 19:24	1
PCB-1221	ND		20	6.9	ug/Kg	☼	04/13/23 10:28	04/18/23 19:24	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/13/23 10:28	04/18/23 19:24	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/13/23 10:28	04/18/23 19:24	1
PCB-1248	**190**		20	4.7	ug/Kg	☼	04/13/23 10:28	04/18/23 19:24	1
PCB-1254	**130**		20	5.9	ug/Kg	☼	04/13/23 10:28	04/18/23 19:24	1
PCB-1260	**36**		20	5.6	ug/Kg	☼	04/13/23 10:28	04/18/23 19:24	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/13/23 10:28	04/18/23 19:24	1
PCB-1268	ND		20	2.6	ug/Kg	☼	04/13/23 10:28	04/18/23 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*86*		*63 - 138*	*04/13/23 10:28*	*04/18/23 19:24*	*1*
DCB Decachlorobiphenyl (Surr)	*87*		*63 - 138*	*04/13/23 10:28*	*04/18/23 19:24*	*1*
Tetrachloro-m-xylene (Surr)	*104*		*55 - 135*	*04/13/23 10:28*	*04/18/23 19:24*	*1*
Tetrachloro-m-xylene (Surr)	*108*		*55 - 135*	*04/13/23 10:28*	*04/18/23 19:24*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9700**		16	4.0	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Antimony	**0.39**	**J**	0.80	0.24	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Arsenic	**19**		0.80	0.50	mg/Kg	☼	04/17/23 12:00	04/26/23 20:43	1
Barium	**170**		16	2.9	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Beryllium	**0.62**		0.32	0.087	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Cadmium	**2.0**		0.40	0.059	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1

Client Sample ID: SSHS-IRM5A2-SCV47-0-0.17

Lab Sample ID: 180-154808-9

Date Collected: 04/07/23 09:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.2

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	8800		400	52	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Chromium	24		0.40	0.36	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Cobalt	9.9		4.0	0.56	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Copper	79		2.0	1.2	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Iron	27000	B	8.0	7.8	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Lead	180		0.80	0.70	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Magnesium	3100		400	44	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Manganese	560		1.2	0.22	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Nickel	41		3.2	0.40	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Potassium	1100		400	68	mg/Kg	☼	04/17/23 12:00	04/26/23 20:43	1
Selenium	1.4		0.80	0.37	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Silver	ND		0.40	0.083	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Sodium	74	J	400	41	mg/Kg	☼	04/17/23 12:00	04/26/23 20:43	1
Thallium	0.52	J	1.6	0.23	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Vanadium	19		4.0	0.63	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1
Zinc	1000	B	1.6	1.2	mg/Kg	☼	04/17/23 12:00	04/22/23 00:53	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20		0.035	0.022	mg/Kg	☼	04/27/23 10:20	04/28/23 15:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	16.8		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	83.2		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV47-0.17-0.75

Lab Sample ID: 180-154808-10

Date Collected: 04/07/23 09:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
2-Butanone (MEK)	ND		5.7	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Carbon disulfide	ND		5.7	4.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Chloroethane	ND		5.7	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Chloroform	ND		5.7	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Chloromethane	ND		5.7	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1

Client Sample ID: SSHS-IRM5A2-SCV47-0.17-0.75
Date Collected: 04/07/23 09:40
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-10
Matrix: Solid
Percent Solids: 87.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Dichlorobromomethane	ND		5.7	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Dichlorodifluoromethane	ND	*+	5.7	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,2-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Methyl acetate	ND		28	8.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Methylcyclohexane	ND		5.7	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Methylene Chloride	ND		5.7	5.1	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Toluene	ND		5.7	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,2,3-Trichlorobenzene	ND		5.7	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Trichlorofluoromethane	ND		5.7	4.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1
Xylenes, Total	ND		11	8.2	ug/Kg	☼	04/19/23 07:41	04/19/23 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*	*04/19/23 07:41*	*04/19/23 18:25*	*1*
Dibromofluoromethane (Surr)	*119*		*69 - 126*	*04/19/23 07:41*	*04/19/23 18:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*		*73 - 135*	*04/19/23 07:41*	*04/19/23 18:25*	*1*
Toluene-d8 (Surr)	*99*		*67 - 134*	*04/19/23 07:41*	*04/19/23 18:25*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Acenaphthylene	**42**	**J**	76	17	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Acetophenone	ND		760	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Anthracene	**32**	**J**	76	20	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Atrazine	ND		760	170	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1

Client Sample ID: SSHS-IRM5A2-SCV47-0.17-0.75
Date Collected: 04/07/23 09:40
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-10
Matrix: Solid
Percent Solids: 87.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		760	47	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Benzo[a]anthracene	**180**		76	34	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Benzo[a]pyrene	**200**		76	33	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Benzo[b]fluoranthene	**300**		76	19	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Benzo[g,h,i]perylene	**220**		76	16	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Benzo[k]fluoranthene	**91**		76	23	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Bis(2-chloroethyl)ether	ND		76	14	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Bis(2-ethylhexyl) phthalate	ND		3800	400	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Butyl benzyl phthalate	ND		380	260	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Caprolactam	ND		1900	250	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Carbazole	ND		76	18	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Chrysene	**270**		76	42	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Dibenz(a,h)anthracene	**58**	**J**	76	49	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
3,3'-Dichlorobenzidine	ND		380	350	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Di-n-butyl phthalate	ND		380	170	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
4,6-Dinitro-2-methylphenol	ND	*+	1900	660	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
1,4-Dioxane	ND		760	120	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Fluoranthene	**210**		76	20	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Fluorene	ND		76	15	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Hexachloroethane	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Indeno[1,2,3-cd]pyrene	**170**		76	38	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Isophorone	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2-Methylnaphthalene	**110**		76	18	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Naphthalene	**110**		76	15	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
3-Nitroaniline	ND		1900	97	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1

Client Sample ID: SSHS-IRM5A2-SCV47-0.17-0.75

Date Collected: 04/07/23 09:40
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-10

Matrix: Solid
Percent Solids: 87.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		760	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Phenanthrene	**140**		76	20	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Phenol	ND		380	120	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
Pyrene	**360**		76	18	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*04/14/23 16:35*	*04/15/23 15:58*	*1*
2-Fluorophenol (Surr)	*59*		*48 - 105*	*04/14/23 16:35*	*04/15/23 15:58*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*	*04/14/23 16:35*	*04/15/23 15:58*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*04/14/23 16:35*	*04/15/23 15:58*	*1*
Terphenyl-d14 (Surr)	*97*		*39 - 105*	*04/14/23 16:35*	*04/15/23 15:58*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*34 - 108*	*04/14/23 16:35*	*04/15/23 15:58*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	04/13/23 10:28	04/18/23 19:43	1
PCB-1221	ND		19	6.6	ug/Kg	☼	04/13/23 10:28	04/18/23 19:43	1
PCB-1232	ND		19	4.5	ug/Kg	☼	04/13/23 10:28	04/18/23 19:43	1
PCB-1242	ND		19	2.7	ug/Kg	☼	04/13/23 10:28	04/18/23 19:43	1
PCB-1248	**200**		19	4.5	ug/Kg	☼	04/13/23 10:28	04/18/23 19:43	1
PCB-1254	**110**		19	5.6	ug/Kg	☼	04/13/23 10:28	04/18/23 19:43	1
PCB-1260	**30**		19	5.3	ug/Kg	☼	04/13/23 10:28	04/18/23 19:43	1
PCB-1262	ND		19	6.6	ug/Kg	☼	04/13/23 10:28	04/18/23 19:43	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/13/23 10:28	04/18/23 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*92*		*63 - 138*	*04/13/23 10:28*	*04/18/23 19:43*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*04/13/23 10:28*	*04/18/23 19:43*	*1*
Tetrachloro-m-xylene (Surr)	*110*		*55 - 135*	*04/13/23 10:28*	*04/18/23 19:43*	*1*
Tetrachloro-m-xylene (Surr)	*114*		*55 - 135*	*04/13/23 10:28*	*04/18/23 19:43*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7000**		18	4.4	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Antimony	**0.31**	**J**	0.89	0.27	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Arsenic	**11**		0.89	0.56	mg/Kg	☼	04/17/23 12:00	04/26/23 20:48	1
Barium	**120**		18	3.2	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Beryllium	**0.44**		0.36	0.097	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Cadmium	**0.98**		0.45	0.065	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Calcium	**2900**		450	58	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1

Client Sample ID: SSHS-IRM5A2-SCV47-0.17-0.75

Lab Sample ID: 180-154808-10

Date Collected: 04/07/23 09:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.7

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	12		0.45	0.41	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Cobalt	7.6		4.5	0.63	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Copper	55		2.2	1.3	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Iron	21000	B	8.9	8.7	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Lead	62		0.89	0.78	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Magnesium	3200		450	49	mg/Kg	☼	04/17/23 12:00	04/26/23 20:48	1
Manganese	1400		1.3	0.25	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Nickel	29		3.6	0.45	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Potassium	610		450	76	mg/Kg	☼	04/17/23 12:00	04/26/23 20:48	1
Selenium	1.0		0.89	0.41	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Silver	ND		0.45	0.093	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Sodium	ND		450	46	mg/Kg	☼	04/17/23 12:00	04/26/23 20:48	1
Thallium	0.91	J	1.8	0.25	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Vanadium	14		4.5	0.70	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1
Zinc	260	B	1.8	1.3	mg/Kg	☼	04/17/23 12:00	04/22/23 01:08	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.49		0.036	0.023	mg/Kg	☼	04/27/23 10:20	04/28/23 15:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	12.3		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	87.7		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV47-0.75-1.75

Lab Sample ID: 180-154808-11

Date Collected: 04/07/23 09:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.2	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Benzene	ND		5.4	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Bromoform	ND		5.4	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Bromomethane	ND		5.4	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
2-Butanone (MEK)	ND		5.4	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Carbon disulfide	ND		5.4	4.3	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Carbon tetrachloride	ND		5.4	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Chlorobenzene	ND		5.4	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Chlorobromomethane	ND		5.4	3.2	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Chlorodibromomethane	ND		5.4	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Chloroethane	ND		5.4	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Chloroform	ND		5.4	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Chloromethane	ND		5.4	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
cis-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Cyclohexane	ND		5.4	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,2-Dibromo-3-Chloropropane	ND		5.4	3.5	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,2-Dibromoethane	ND		5.4	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,2-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1

Client Sample ID: SSHS-IRM5A2-SCV47-0.75-1.75

Date Collected: 04/07/23 09:45
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-11

Matrix: Solid
Percent Solids: 91.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		5.4	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,4-Dichlorobenzene	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Dichlorobromomethane	ND		5.4	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Dichlorodifluoromethane	ND	*+	5.4	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,1-Dichloroethane	ND		5.4	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,2-Dichloroethane	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,1-Dichloroethene	ND		5.4	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,2-Dichloropropane	ND		5.4	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Ethylbenzene	ND		5.4	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
2-Hexanone	ND		5.4	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Isopropylbenzene	ND		5.4	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Methyl acetate	ND		27	7.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Methylcyclohexane	ND		5.4	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Methylene Chloride	ND		5.4	4.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.4	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Methyl tert-butyl ether	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
m-Xylene & p-Xylene	ND		5.4	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
o-Xylene	ND		5.4	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Styrene	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Tetrachloroethene	ND		5.4	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Toluene	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
trans-1,2-Dichloroethene	ND		5.4	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,2,3-Trichlorobenzene	ND		5.4	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,1,1-Trichloroethane	ND		5.4	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,1,2-Trichloroethane	ND		5.4	1.1	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Trichloroethene	ND		5.4	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Trichlorofluoromethane	ND		5.4	4.5	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Vinyl chloride	ND		5.4	3.9	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1
Xylenes, Total	ND		11	7.8	ug/Kg	☼	04/19/23 07:41	04/19/23 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*	*04/19/23 07:41*	*04/19/23 18:47*	*1*
Dibromofluoromethane (Surr)	*117*		*69 - 126*	*04/19/23 07:41*	*04/19/23 18:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*135*		*73 - 135*	*04/19/23 07:41*	*04/19/23 18:47*	*1*
Toluene-d8 (Surr)	*96*		*67 - 134*	*04/19/23 07:41*	*04/19/23 18:47*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		72	21	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Acenaphthylene	ND		72	16	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Acetophenone	ND		720	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Anthracene	ND		72	19	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Atrazine	ND		720	160	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Benzaldehyde	ND		720	44	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV47-0.75-1.75
Date Collected: 04/07/23 09:45
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-11
Matrix: Solid
Percent Solids: 91.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		72	32	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Benzo[a]pyrene	ND		72	31	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Benzo[b]fluoranthene	**18**	**J**	72	18	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Benzo[g,h,i]perylene	**16**	**J**	72	15	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Benzo[k]fluoranthene	ND		72	21	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
1,1'-Biphenyl	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Bis(2-chloroethoxy)methane	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Bis(2-chloroethyl)ether	ND		72	13	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Bis(2-ethylhexyl) phthalate	ND		3500	380	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
4-Bromophenyl phenyl ether	ND		350	150	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Butyl benzyl phthalate	ND		350	250	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Carbazole	ND		72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
4-Chloroaniline	ND		350	94	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
4-Chloro-3-methylphenol	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2-Chloronaphthalene	ND		72	16	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2-Chlorophenol	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
4-Chlorophenyl phenyl ether	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Chrysene	ND		72	40	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Dibenz(a,h)anthracene	ND		72	46	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Dibenzofuran	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
3,3'-Dichlorobenzidine	ND		350	330	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2,4-Dichlorophenol	ND		72	28	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Diethyl phthalate	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2,4-Dimethylphenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Dimethyl phthalate	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Di-n-butyl phthalate	ND		350	160	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
4,6-Dinitro-2-methylphenol	ND	*+	1800	620	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2,4-Dinitrophenol	ND		3500	2200	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2,4-Dinitrotoluene	ND		350	210	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2,6-Dinitrotoluene	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Di-n-octyl phthalate	ND		350	210	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
1,4-Dioxane	ND		720	110	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Fluoranthene	ND		72	19	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Fluorene	ND		72	14	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Hexachlorobenzene	ND		72	26	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Hexachlorobutadiene	ND		72	21	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Hexachlorocyclopentadiene	ND		350	37	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Hexachloroethane	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Indeno[1,2,3-cd]pyrene	ND		72	36	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Isophorone	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2-Methylnaphthalene	ND		72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2-Methylphenol	ND		350	100	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Methylphenol, 3 & 4	ND		350	100	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Naphthalene	ND		72	14	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
3-Nitroaniline	ND		1800	91	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Nitrobenzene	ND		720	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1

Client Sample ID: SSHS-IRM5A2-SCV47-0.75-1.75
Date Collected: 04/07/23 09:45
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-11
Matrix: Solid
Percent Solids: 91.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
N-Nitrosodi-n-propylamine	ND		72	24	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
N-Nitrosodiphenylamine	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2,2'-oxybis[1-chloropropane]	ND		72	26	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Pentachlorophenol	ND		1800	570	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Phenanthrene	ND		72	19	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Phenol	ND		350	110	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
Pyrene	**24**	**J**	72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
1,2,4,5-Tetrachlorobenzene	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2,3,4,6-Tetrachlorophenol	ND		350	150	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2,4,5-Trichlorophenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1
2,4,6-Trichlorophenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*44 - 105*	*04/14/23 16:35*	*04/15/23 16:20*	*1*
2-Fluorophenol (Surr)	*50*		*48 - 105*	*04/14/23 16:35*	*04/15/23 16:20*	*1*
Nitrobenzene-d5 (Surr)	*60*		*46 - 105*	*04/14/23 16:35*	*04/15/23 16:20*	*1*
Phenol-d5 (Surr)	*56*		*46 - 105*	*04/14/23 16:35*	*04/15/23 16:20*	*1*
Terphenyl-d14 (Surr)	*78*		*39 - 105*	*04/14/23 16:35*	*04/15/23 16:20*	*1*
2,4,6-Tribromophenol (Surr)	*40*		*34 - 108*	*04/14/23 16:35*	*04/15/23 16:20*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	04/13/23 10:28	04/18/23 20:01	1
PCB-1221	ND		18	6.4	ug/Kg	☼	04/13/23 10:28	04/18/23 20:01	1
PCB-1232	ND		18	4.4	ug/Kg	☼	04/13/23 10:28	04/18/23 20:01	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/13/23 10:28	04/18/23 20:01	1
PCB-1248	**69**		18	4.4	ug/Kg	☼	04/13/23 10:28	04/18/23 20:01	1
PCB-1254	**43**		18	5.5	ug/Kg	☼	04/13/23 10:28	04/18/23 20:01	1
PCB-1260	**13**	**J**	18	5.2	ug/Kg	☼	04/13/23 10:28	04/18/23 20:01	1
PCB-1262	ND		18	6.4	ug/Kg	☼	04/13/23 10:28	04/18/23 20:01	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/13/23 10:28	04/18/23 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*91*		*63 - 138*	*04/13/23 10:28*	*04/18/23 20:01*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*04/13/23 10:28*	*04/18/23 20:01*	*1*
Tetrachloro-m-xylene (Surr)	*106*		*55 - 135*	*04/13/23 10:28*	*04/18/23 20:01*	*1*
Tetrachloro-m-xylene (Surr)	*110*		*55 - 135*	*04/13/23 10:28*	*04/18/23 20:01*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7100**		11	2.8	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Antimony	ND		0.56	0.17	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Arsenic	**8.6**		0.56	0.35	mg/Kg	☼	04/17/23 12:00	04/26/23 20:53	1
Barium	**50**		11	2.0	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Beryllium	**0.37**		0.23	0.061	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Cadmium	**0.53**		0.28	0.041	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Calcium	**2100**		280	36	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Chromium	**9.9**		0.28	0.26	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1

Client Sample ID: SSHS-IRM5A2-SCV47-0.75-1.75

Lab Sample ID: 180-154808-11

Date Collected: 04/07/23 09:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.8		2.8	0.40	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Copper	27		1.4	0.85	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Iron	17000	B	5.6	5.5	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Lead	29		0.56	0.49	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Magnesium	2300		280	31	mg/Kg	☼	04/17/23 12:00	04/26/23 20:53	1
Manganese	430		0.84	0.16	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Nickel	23		2.3	0.28	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Potassium	460		280	48	mg/Kg	☼	04/17/23 12:00	04/26/23 20:53	1
Selenium	0.30	J	0.56	0.26	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Silver	ND		0.28	0.059	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Sodium	36	J	280	29	mg/Kg	☼	04/17/23 12:00	04/26/23 20:53	1
Thallium	0.27	J	1.1	0.16	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Vanadium	12		2.8	0.45	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1
Zinc	85	B	1.1	0.82	mg/Kg	☼	04/17/23 12:00	04/22/23 01:13	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.088		0.033	0.021	mg/Kg	☼	04/27/23 10:20	04/28/23 15:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	8.4		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	91.6		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV48-0-0.67

Lab Sample ID: 180-154808-12

Date Collected: 04/07/23 09:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Benzene	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
2-Butanone (MEK)	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,2-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV48-0-0.67
Date Collected: 04/07/23 09:50
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-12
Matrix: Solid
Percent Solids: 91.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Dichlorodifluoromethane	ND	*+	5.5	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Isopropylbenzene	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Methyl acetate	ND		27	8.1	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Methylcyclohexane	ND		5.5	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Methylene Chloride	ND		5.5	4.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
m-Xylene & p-Xylene	ND		5.5	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Styrene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Trichlorofluoromethane	ND		5.5	4.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Vinyl chloride	ND		5.5	3.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1
Xylenes, Total	ND		11	7.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 124*	*04/19/23 07:41*	*04/19/23 19:09*	*1*
Dibromofluoromethane (Surr)	*106*		*69 - 126*	*04/19/23 07:41*	*04/19/23 19:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*73 - 135*	*04/19/23 07:41*	*04/19/23 19:09*	*1*
Toluene-d8 (Surr)	*91*		*67 - 134*	*04/19/23 07:41*	*04/19/23 19:09*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		72	21	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Acenaphthylene	**25**	**J**	72	16	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Acetophenone	ND		720	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Anthracene	**26**	**J**	72	19	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Atrazine	ND		720	160	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Benzaldehyde	ND		720	45	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Benzo[a]anthracene	**110**		72	33	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV48-0-0.67
Date Collected: 04/07/23 09:50
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-12
Matrix: Solid
Percent Solids: 91.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**150**		72	31	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Benzo[b]fluoranthene	**200**		72	18	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Benzo[g,h,i]perylene	**170**		72	16	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Benzo[k]fluoranthene	**76**		72	22	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Bis(2-chloroethyl)ether	ND		72	13	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Bis(2-ethylhexyl) phthalate	ND		3600	380	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
4-Bromophenyl phenyl ether	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Carbazole	ND		72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
4-Chloroaniline	ND		360	95	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2-Chloronaphthalene	ND		72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Chrysene	**150**		72	40	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Dibenz(a,h)anthracene	**46**	**J**	72	46	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Dibenzofuran	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2,4-Dichlorophenol	ND		72	28	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Dimethyl phthalate	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
4,6-Dinitro-2-methylphenol	ND	*+	1800	620	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2,4-Dinitrophenol	ND		3600	2200	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
1,4-Dioxane	ND		720	110	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Fluoranthene	**130**		72	19	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Fluorene	ND		72	14	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Hexachlorobenzene	ND		72	26	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Hexachlorobutadiene	ND		72	21	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Hexachlorocyclopentadiene	ND		360	37	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Indeno[1,2,3-cd]pyrene	**140**		72	36	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Isophorone	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2-Methylnaphthalene	**17**	**J**	72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2-Methylphenol	ND		360	100	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Naphthalene	**21**	**J**	72	14	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
3-Nitroaniline	ND		1800	92	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Nitrobenzene	ND		720	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1

Client Sample ID: SSHS-IRM5A2-SCV48-0-0.67

Date Collected: 04/07/23 09:50
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-12

Matrix: Solid
Percent Solids: 91.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
N-Nitrosodi-n-propylamine	ND		72	24	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2,2'-oxybis[1-chloropropane]	ND		72	27	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Pentachlorophenol	ND		1800	580	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Phenanthrene	**57**	**J**	72	19	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Phenol	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
Pyrene	**200**		72	17	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*04/14/23 16:35*	*04/15/23 16:42*	*1*
2-Fluorophenol (Surr)	*49*		*48 - 105*	*04/14/23 16:35*	*04/15/23 16:42*	*1*
Nitrobenzene-d5 (Surr)	*59*		*46 - 105*	*04/14/23 16:35*	*04/15/23 16:42*	*1*
Phenol-d5 (Surr)	*58*		*46 - 105*	*04/14/23 16:35*	*04/15/23 16:42*	*1*
Terphenyl-d14 (Surr)	*81*		*39 - 105*	*04/14/23 16:35*	*04/15/23 16:42*	*1*
2,4,6-Tribromophenol (Surr)	*51*		*34 - 108*	*04/14/23 16:35*	*04/15/23 16:42*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	04/13/23 10:28	04/18/23 20:20	1
PCB-1221	ND		18	6.3	ug/Kg	☼	04/13/23 10:28	04/18/23 20:20	1
PCB-1232	ND		18	4.4	ug/Kg	☼	04/13/23 10:28	04/18/23 20:20	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/13/23 10:28	04/18/23 20:20	1
PCB-1248	**84**		18	4.3	ug/Kg	☼	04/13/23 10:28	04/18/23 20:20	1
PCB-1254	**54**		18	5.4	ug/Kg	☼	04/13/23 10:28	04/18/23 20:20	1
PCB-1260	**14**	**J**	18	5.1	ug/Kg	☼	04/13/23 10:28	04/18/23 20:20	1
PCB-1262	ND		18	6.3	ug/Kg	☼	04/13/23 10:28	04/18/23 20:20	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/13/23 10:28	04/18/23 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*	*04/13/23 10:28*	*04/18/23 20:20*	*1*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*	*04/13/23 10:28*	*04/18/23 20:20*	*1*
Tetrachloro-m-xylene (Surr)	*109*		*55 - 135*	*04/13/23 10:28*	*04/18/23 20:20*	*1*
Tetrachloro-m-xylene (Surr)	*111*		*55 - 135*	*04/13/23 10:28*	*04/18/23 20:20*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9100**		14	3.6	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Antimony	**0.39**	**J**	0.71	0.22	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Arsenic	**8.3**		0.71	0.45	mg/Kg	☼	04/17/23 12:00	04/26/23 20:59	1
Barium	**90**		14	2.5	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Beryllium	**0.53**		0.28	0.078	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Cadmium	**0.80**		0.36	0.052	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Calcium	**2200**		360	46	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Chromium	**14**		0.36	0.32	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Cobalt	**9.1**		3.6	0.50	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1

Client Sample ID: SSHS-IRM5A2-SCV48-0-0.67

Lab Sample ID: 180-154808-12
Date Collected: 04/07/23 09:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.2

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	36		1.8	1.1	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Iron	20000	B	7.1	6.9	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Lead	64		0.71	0.62	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Magnesium	2500		360	39	mg/Kg	☼	04/17/23 12:00	04/26/23 20:59	1
Manganese	480		1.1	0.20	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Nickel	26		2.8	0.36	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Potassium	730		360	61	mg/Kg	☼	04/17/23 12:00	04/26/23 20:59	1
Selenium	0.67	J	0.71	0.33	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Silver	ND		0.36	0.074	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Sodium	36	J	360	36	mg/Kg	☼	04/17/23 12:00	04/26/23 20:59	1
Thallium	0.54	J	1.4	0.20	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Vanadium	14		3.6	0.56	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1
Zinc	150	B	1.4	1.0	mg/Kg	☼	04/17/23 12:00	04/22/23 01:18	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.25		0.035	0.022	mg/Kg	☼	04/27/23 10:20	04/28/23 15:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	8.8		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	91.2		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV48-0.67-1.67

Lab Sample ID: 180-154808-13
Date Collected: 04/07/23 09:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Benzene	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Bromoform	ND		5.5	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
2-Butanone (MEK)	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
cis-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,2-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,4-Dichlorobenzene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1

Client Sample ID: SSHS-IRM5A2-SCV48-0.67-1.67
Date Collected: 04/07/23 09:55
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-13
Matrix: Solid
Percent Solids: 91.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Dichlorodifluoromethane	ND	*+	5.5	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,1-Dichloroethane	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Isopropylbenzene	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Methyl acetate	ND		27	8.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Methylcyclohexane	ND		5.5	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Methylene Chloride	ND		5.5	4.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
m-Xylene & p-Xylene	ND		5.5	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Styrene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Trichlorofluoromethane	ND		5.5	4.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Vinyl chloride	ND		5.5	3.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1
Xylenes, Total	ND		11	7.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*	*04/19/23 07:41*	*04/19/23 19:32*	*1*
Dibromofluoromethane (Surr)	*121*		*69 - 126*	*04/19/23 07:41*	*04/19/23 19:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*144*	*S1+*	*73 - 135*	*04/19/23 07:41*	*04/19/23 19:32*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/19/23 07:41*	*04/19/23 19:32*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		71	20	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Acenaphthylene	ND		71	16	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Acetophenone	ND		710	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Anthracene	ND		71	18	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Atrazine	ND		710	160	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Benzaldehyde	ND		710	44	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Benzo[a]anthracene	**50**	**J**	71	32	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Benzo[a]pyrene	**55**	**J**	71	31	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1

Client Sample ID: SSHS-IRM5A2-SCV48-0.67-1.67
Date Collected: 04/07/23 09:55
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-13
Matrix: Solid
Percent Solids: 91.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**68**	**J**	71	17	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Benzo[g,h,i]perylene	**64**	**J**	71	15	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Benzo[k]fluoranthene	**39**	**J**	71	21	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
1,1'-Biphenyl	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Bis(2-chloroethoxy)methane	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Bis(2-chloroethyl)ether	ND		71	13	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Bis(2-ethylhexyl) phthalate	ND		3500	380	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
4-Bromophenyl phenyl ether	ND		350	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Butyl benzyl phthalate	ND		350	240	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Carbazole	ND		71	17	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
4-Chloroaniline	ND		350	93	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
4-Chloro-3-methylphenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2-Chloronaphthalene	ND		71	16	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2-Chlorophenol	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
4-Chlorophenyl phenyl ether	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Chrysene	**76**		71	39	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Dibenz(a,h)anthracene	ND		71	45	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Dibenzofuran	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
3,3'-Dichlorobenzidine	ND		350	330	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2,4-Dichlorophenol	ND		71	27	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Diethyl phthalate	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2,4-Dimethylphenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Dimethyl phthalate	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Di-n-butyl phthalate	ND		350	160	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
4,6-Dinitro-2-methylphenol	ND	*+	1800	610	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2,4-Dinitrophenol	ND		3500	2200	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2,4-Dinitrotoluene	ND		350	210	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2,6-Dinitrotoluene	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Di-n-octyl phthalate	ND		350	210	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
1,4-Dioxane	ND		710	110	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Fluoranthene	**56**	**J**	71	19	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Fluorene	ND		71	14	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Hexachlorobenzene	ND		71	25	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Hexachlorobutadiene	ND		71	21	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Hexachlorocyclopentadiene	ND		350	36	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Hexachloroethane	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Indeno[1,2,3-cd]pyrene	**47**	**J**	71	35	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Isophorone	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2-Methylnaphthalene	**24**	**J**	71	17	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2-Methylphenol	ND		350	100	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Methylphenol, 3 & 4	ND		350	100	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Naphthalene	**18**	**J**	71	14	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
3-Nitroaniline	ND		1800	90	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Nitrobenzene	ND		710	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2-Nitrophenol	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1

Client Sample ID: SSHS-IRM5A2-SCV48-0.67-1.67

Date Collected: 04/07/23 09:55
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-13

Matrix: Solid
Percent Solids: 91.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		71	24	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
N-Nitrosodiphenylamine	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2,2'-oxybis[1-chloropropane]	ND		71	26	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Pentachlorophenol	ND		1800	570	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Phenanthrene	**48**	**J**	71	19	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Phenol	ND		350	110	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
Pyrene	**91**		71	17	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
1,2,4,5-Tetrachlorobenzene	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2,3,4,6-Tetrachlorophenol	ND		350	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2,4,5-Trichlorophenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1
2,4,6-Trichlorophenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*44 - 105*	*04/14/23 16:35*	*04/15/23 17:05*	*1*
2-Fluorophenol (Surr)	*60*		*48 - 105*	*04/14/23 16:35*	*04/15/23 17:05*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*04/14/23 16:35*	*04/15/23 17:05*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*04/14/23 16:35*	*04/15/23 17:05*	*1*
Terphenyl-d14 (Surr)	*100*		*39 - 105*	*04/14/23 16:35*	*04/15/23 17:05*	*1*
2,4,6-Tribromophenol (Surr)	*52*		*34 - 108*	*04/14/23 16:35*	*04/15/23 17:05*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	04/13/23 10:28	04/18/23 20:39	1
PCB-1221	ND		18	6.3	ug/Kg	☼	04/13/23 10:28	04/18/23 20:39	1
PCB-1232	ND		18	4.3	ug/Kg	☼	04/13/23 10:28	04/18/23 20:39	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/13/23 10:28	04/18/23 20:39	1
PCB-1248	ND		18	4.3	ug/Kg	☼	04/13/23 10:28	04/18/23 20:39	1
PCB-1254	**25**		18	5.3	ug/Kg	☼	04/13/23 10:28	04/18/23 20:39	1
PCB-1260	ND		18	5.0	ug/Kg	☼	04/13/23 10:28	04/18/23 20:39	1
PCB-1262	ND		18	6.2	ug/Kg	☼	04/13/23 10:28	04/18/23 20:39	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/13/23 10:28	04/18/23 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*103*		*63 - 138*	*04/13/23 10:28*	*04/18/23 20:39*	*1*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*	*04/13/23 10:28*	*04/18/23 20:39*	*1*
Tetrachloro-m-xylene (Surr)	*103*		*55 - 135*	*04/13/23 10:28*	*04/18/23 20:39*	*1*
Tetrachloro-m-xylene (Surr)	*107*		*55 - 135*	*04/13/23 10:28*	*04/18/23 20:39*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8900**		13	3.2	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Antimony	**0.29**	**J**	0.63	0.19	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Arsenic	**8.0**		0.63	0.40	mg/Kg	☼	04/17/23 12:00	04/26/23 21:04	1
Barium	**87**		13	2.3	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Beryllium	**0.45**		0.25	0.069	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Cadmium	**0.62**		0.32	0.047	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Calcium	**4900**		320	41	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Chromium	**12**		0.32	0.29	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Cobalt	**7.9**		3.2	0.45	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Copper	**38**		1.6	0.96	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1

Client Sample ID: SSHS-IRM5A2-SCV48-0.67-1.67

Lab Sample ID: 180-154808-13

Date Collected: 04/07/23 09:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 91.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	20000	B	6.3	6.2	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Lead	63		0.63	0.55	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Magnesium	3000		320	35	mg/Kg	☼	04/17/23 12:00	04/26/23 21:04	1
Manganese	480		0.95	0.18	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Nickel	22		2.5	0.32	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Potassium	650		320	54	mg/Kg	☼	04/17/23 12:00	04/26/23 21:04	1
Selenium	0.39	J	0.63	0.29	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Silver	ND		0.32	0.066	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Sodium	50	J	320	32	mg/Kg	☼	04/17/23 12:00	04/26/23 21:04	1
Thallium	0.52	J	1.3	0.18	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Vanadium	15		3.2	0.50	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1
Zinc	100	B	1.3	0.92	mg/Kg	☼	04/17/23 12:00	04/22/23 01:23	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.033	0.021	mg/Kg	☼	04/27/23 10:20	04/28/23 15:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	8.4		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	91.6		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV49-0-0.17

Lab Sample ID: 180-154808-14

Date Collected: 04/07/23 10:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Benzene	ND		6.0	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Bromomethane	ND		6.0	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
2-Butanone (MEK)	ND		6.0	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Carbon disulfide	ND		6.0	4.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Carbon tetrachloride	ND		6.0	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Chlorobenzene	ND		6.0	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Chlorobromomethane	ND		6.0	3.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Chlorodibromomethane	ND		6.0	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Chloroethane	ND		6.0	3.5	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Chloroform	ND		6.0	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Chloromethane	ND		6.0	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
cis-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Cyclohexane	ND		6.0	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,2-Dibromoethane	ND		6.0	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,2-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,3-Dichlorobenzene	ND		6.0	3.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Dichlorobromomethane	ND		6.0	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1

Client Sample ID: SSHS-IRM5A2-SCV49-0-0.17

Date Collected: 04/07/23 10:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-14

Matrix: Solid
Percent Solids: 83.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	*+	6.0	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,1-Dichloroethane	ND		6.0	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,2-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,1-Dichloroethene	ND		6.0	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,2-Dichloroethene, Total	ND		12	4.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,2-Dichloropropane	ND		6.0	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Ethylbenzene	ND		6.0	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
2-Hexanone	ND		6.0	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Isopropylbenzene	ND		6.0	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Methyl acetate	ND		30	8.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Methylcyclohexane	ND		6.0	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Methylene Chloride	ND		6.0	5.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
4-Methyl-2-pentanone (MIBK)	ND		6.0	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Methyl tert-butyl ether	ND		6.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
m-Xylene & p-Xylene	ND		6.0	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
o-Xylene	ND		6.0	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Styrene	ND		6.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Tetrachloroethene	ND		6.0	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Toluene	ND		6.0	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
trans-1,2-Dichloroethene	ND		6.0	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
trans-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,2,3-Trichlorobenzene	ND		6.0	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,2,4-Trichlorobenzene	ND		6.0	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,1,1-Trichloroethane	ND		6.0	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,1,2-Trichloroethane	ND		6.0	1.2	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Trichloroethene	ND		6.0	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Trichlorofluoromethane	ND		6.0	4.9	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Vinyl chloride	ND		6.0	4.3	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1
Xylenes, Total	ND		12	8.6	ug/Kg	☼	04/19/23 07:41	04/19/23 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*60 - 124*	*04/19/23 07:41*	*04/19/23 19:55*	*1*
Dibromofluoromethane (Surr)	*130*	*S1+*	*69 - 126*	*04/19/23 07:41*	*04/19/23 19:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*167*	*S1+*	*73 - 135*	*04/19/23 07:41*	*04/19/23 19:55*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/19/23 07:41*	*04/19/23 19:55*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		80	23	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Acenaphthylene	**38**	**J**	80	18	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Acetophenone	ND		800	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Anthracene	**27**	**J**	80	21	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Atrazine	ND		800	180	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Benzaldehyde	ND		800	50	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Benzo[a]anthracene	**120**		80	36	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Benzo[a]pyrene	**140**		80	35	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Benzo[b]fluoranthene	**200**		80	20	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV49-0-0.17
Date Collected: 04/07/23 10:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-14
Matrix: Solid
Percent Solids: 83.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**140**		80	17	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Benzo[k]fluoranthene	**76**	**J**	80	24	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Bis(2-chloroethyl)ether	ND		80	15	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Carbazole	ND		80	19	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2-Chloronaphthalene	ND		80	18	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Chrysene	**170**		80	44	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Dibenz(a,h)anthracene	ND		80	51	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
3,3'-Dichlorobenzidine	ND		400	370	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2,4-Dichlorophenol	ND		80	31	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2,4-Dimethylphenol	ND		400	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
4,6-Dinitro-2-methylphenol	ND	*+	2000	690	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Di-n-octyl phthalate	ND		400	230	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
1,4-Dioxane	ND		800	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Fluoranthene	**170**		80	21	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Fluorene	ND		80	16	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Hexachlorobenzene	ND		80	29	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Hexachlorobutadiene	ND		80	23	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Hexachlorocyclopentadiene	ND		400	41	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Indeno[1,2,3-cd]pyrene	**100**		80	40	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Isophorone	ND		400	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2-Methylnaphthalene	**27**	**J**	80	19	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2-Methylphenol	ND		400	110	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Naphthalene	**33**	**J**	80	16	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Nitrobenzene	ND		800	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
N-Nitrosodi-n-propylamine	ND		80	27	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV49-0-0.17

Date Collected: 04/07/23 10:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-14

Matrix: Solid
Percent Solids: 83.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2,2'-oxybis[1-chloropropane]	ND		80	30	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Phenanthrene	**83**		80	22	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Phenol	ND		400	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
Pyrene	**260**		80	19	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*44 - 105*	*04/14/23 16:35*	*04/15/23 17:27*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*04/14/23 16:35*	*04/15/23 17:27*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*	*04/14/23 16:35*	*04/15/23 17:27*	*1*
Phenol-d5 (Surr)	*68*		*46 - 105*	*04/14/23 16:35*	*04/15/23 17:27*	*1*
Terphenyl-d14 (Surr)	*91*		*39 - 105*	*04/14/23 16:35*	*04/15/23 17:27*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*34 - 108*	*04/14/23 16:35*	*04/15/23 17:27*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	04/13/23 10:28	04/18/23 20:57	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/13/23 10:28	04/18/23 20:57	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/13/23 10:28	04/18/23 20:57	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/13/23 10:28	04/18/23 20:57	1
PCB-1248	**170**		20	4.8	ug/Kg	☼	04/13/23 10:28	04/18/23 20:57	1
PCB-1254	**98**		20	6.0	ug/Kg	☼	04/13/23 10:28	04/18/23 20:57	1
PCB-1260	**26**		20	5.7	ug/Kg	☼	04/13/23 10:28	04/18/23 20:57	1
PCB-1262	ND		20	7.0	ug/Kg	☼	04/13/23 10:28	04/18/23 20:57	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/13/23 10:28	04/18/23 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/13/23 10:28*	*04/18/23 20:57*	*1*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*	*04/13/23 10:28*	*04/18/23 20:57*	*1*
Tetrachloro-m-xylene (Surr)	*118*		*55 - 135*	*04/13/23 10:28*	*04/18/23 20:57*	*1*
Tetrachloro-m-xylene (Surr)	*123*		*55 - 135*	*04/13/23 10:28*	*04/18/23 20:57*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9200**		12	3.0	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Antimony	**0.29**	**J**	0.60	0.18	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Arsenic	**9.2**		0.60	0.38	mg/Kg	☼	04/17/23 12:00	04/26/23 21:09	1
Barium	**120**		12	2.1	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Beryllium	**0.52**		0.24	0.065	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Cadmium	**0.93**		0.30	0.044	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Calcium	**27000**		300	39	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Chromium	**15**		0.30	0.27	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Cobalt	**10**		3.0	0.42	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Copper	**36**		1.5	0.91	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Iron	**20000**	**B**	6.0	5.9	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1

Client Sample ID: SSHS-IRM5A2-SCV49-0-0.17

Lab Sample ID: 180-154808-14

Date Collected: 04/07/23 10:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.2

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	73		0.60	0.52	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Magnesium	2700		300	33	mg/Kg	☼	04/17/23 12:00	04/26/23 21:09	1
Manganese	520		0.90	0.17	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Nickel	30		2.4	0.30	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Potassium	1000		300	51	mg/Kg	☼	04/17/23 12:00	04/26/23 21:09	1
Selenium	0.63		0.60	0.28	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Silver	ND		0.30	0.062	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Sodium	60	J	300	31	mg/Kg	☼	04/17/23 12:00	04/26/23 21:09	1
Thallium	0.27	J	1.2	0.17	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Vanadium	15		3.0	0.48	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1
Zinc	290	B	1.2	0.87	mg/Kg	☼	04/17/23 12:00	04/22/23 01:28	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.1		0.079	0.051	mg/Kg	☼	04/27/23 10:20	04/28/23 15:20	2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	16.8		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	83.2		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV49-0.17-0.75

Lab Sample ID: 180-154808-15

Date Collected: 04/07/23 10:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Benzene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
2-Butanone (MEK)	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Carbon tetrachloride	ND		5.5	2.3	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Chlorodibromomethane	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
cis-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Cyclohexane	ND		5.5	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,2-Dichlorobenzene	ND		5.5	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,4-Dichlorobenzene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Dichlorodifluoromethane	ND	*+	5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1

Client Sample ID: SSHS-IRM5A2-SCV49-0.17-0.75
Date Collected: 04/07/23 10:05
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-15
Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Ethylbenzene	ND		5.5	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Isopropylbenzene	ND		5.5	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Methyl acetate	ND		28	8.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Methylcyclohexane	ND		5.5	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Methylene Chloride	ND		5.5	5.0	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
m-Xylene & p-Xylene	ND		5.5	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Styrene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,2,3-Trichlorobenzene	ND		5.5	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,1,1-Trichloroethane	ND		5.5	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Trichlorofluoromethane	ND		5.5	4.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Vinyl chloride	ND		5.5	4.0	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1
Xylenes, Total	ND		11	8.0	ug/Kg	☼	04/19/23 07:41	04/19/23 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*	*04/19/23 07:41*	*04/19/23 20:18*	*1*
Dibromofluoromethane (Surr)	*121*		*69 - 126*	*04/19/23 07:41*	*04/19/23 20:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*144*	*S1+*	*73 - 135*	*04/19/23 07:41*	*04/19/23 20:18*	*1*
Toluene-d8 (Surr)	*97*		*67 - 134*	*04/19/23 07:41*	*04/19/23 20:18*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Acenaphthylene	ND		74	16	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Acetophenone	ND		740	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Anthracene	ND		74	19	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Atrazine	ND		740	160	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Benzo[a]anthracene	**41**	**J**	74	33	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Benzo[a]pyrene	**45**	**J**	74	32	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Benzo[b]fluoranthene	**70**	**J**	74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Benzo[g,h,i]perylene	**64**	**J**	74	16	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV49-0.17-0.75
Date Collected: 04/07/23 10:05
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-15
Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	**24**	**J**	74	22	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Carbazole	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Chrysene	**68**	**J**	74	41	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
4,6-Dinitro-2-methylphenol	ND	*+	1900	630	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Fluoranthene	**48**	**J**	74	19	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Fluorene	ND		74	14	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Indeno[1,2,3-cd]pyrene	**49**	**J**	74	37	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Isophorone	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Naphthalene	ND		74	14	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1

Client Sample ID: SSHS-IRM5A2-SCV49-0.17-0.75

Date Collected: 04/07/23 10:05
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-15

Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Phenanthrene	**33**	**J**	74	20	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Phenol	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
Pyrene	**76**		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/14/23 16:35*	*04/15/23 17:49*	*1*
2-Fluorophenol (Surr)	*58*		*48 - 105*	*04/14/23 16:35*	*04/15/23 17:49*	*1*
Nitrobenzene-d5 (Surr)	*67*		*46 - 105*	*04/14/23 16:35*	*04/15/23 17:49*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*04/14/23 16:35*	*04/15/23 17:49*	*1*
Terphenyl-d14 (Surr)	*87*		*39 - 105*	*04/14/23 16:35*	*04/15/23 17:49*	*1*
2,4,6-Tribromophenol (Surr)	*55*		*34 - 108*	*04/14/23 16:35*	*04/15/23 17:49*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	04/13/23 10:28	04/18/23 21:16	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/13/23 10:28	04/18/23 21:16	1
PCB-1232	ND		18	4.5	ug/Kg	☼	04/13/23 10:28	04/18/23 21:16	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/13/23 10:28	04/18/23 21:16	1
PCB-1248	**85**		18	4.4	ug/Kg	☼	04/13/23 10:28	04/18/23 21:16	1
PCB-1254	**51**		18	5.5	ug/Kg	☼	04/13/23 10:28	04/18/23 21:16	1
PCB-1260	**14**	**J**	18	5.2	ug/Kg	☼	04/13/23 10:28	04/18/23 21:16	1
PCB-1262	ND		18	6.5	ug/Kg	☼	04/13/23 10:28	04/18/23 21:16	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/13/23 10:28	04/18/23 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*	*04/13/23 10:28*	*04/18/23 21:16*	*1*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*	*04/13/23 10:28*	*04/18/23 21:16*	*1*
Tetrachloro-m-xylene (Surr)	*107*		*55 - 135*	*04/13/23 10:28*	*04/18/23 21:16*	*1*
Tetrachloro-m-xylene (Surr)	*109*		*55 - 135*	*04/13/23 10:28*	*04/18/23 21:16*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9900**		21	5.2	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Antimony	**0.45**	**J**	1.0	0.32	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Arsenic	**11**		1.0	0.66	mg/Kg	☼	04/17/23 12:01	04/26/23 21:24	1
Barium	**99**		21	3.7	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Beryllium	**0.47**		0.42	0.11	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Cadmium	**0.69**		0.52	0.077	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Calcium	**11000**		520	68	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Chromium	**13**		0.52	0.48	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Cobalt	**8.3**		5.2	0.74	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Copper	**41**		2.6	1.6	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Iron	**22000**	**B**	10	10	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Lead	**57**		1.0	0.91	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1

Client Sample ID: SSHS-IRM5A2-SCV49-0.17-0.75

Lab Sample ID: 180-154808-15

Date Collected: 04/07/23 10:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.0

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	3600		520	58	mg/Kg	☼	04/17/23 12:01	04/26/23 21:24	1
Manganese	520		1.6	0.29	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Nickel	24		4.2	0.53	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Potassium	760		520	89	mg/Kg	☼	04/17/23 12:01	04/26/23 21:24	1
Selenium	0.62	J	1.0	0.48	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Silver	ND		0.52	0.11	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Sodium	54	J	520	54	mg/Kg	☼	04/17/23 12:01	04/26/23 21:24	1
Thallium	0.67	J	2.1	0.30	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Vanadium	16		5.2	0.83	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1
Zinc	130	B	2.1	1.5	mg/Kg	☼	04/17/23 12:01	04/22/23 01:33	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	9.3		0.34	0.22	mg/Kg	☼	04/27/23 10:20	04/28/23 15:53	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	10		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	90.0		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV49-0.75-1.75

Lab Sample ID: 180-154808-16

Date Collected: 04/07/23 10:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Benzene	ND		5.4	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Bromoform	ND		5.4	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Bromomethane	ND		5.4	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
2-Butanone (MEK)	ND		5.4	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Carbon disulfide	ND		5.4	4.3	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Carbon tetrachloride	ND		5.4	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Chlorobenzene	ND		5.4	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Chlorobromomethane	ND		5.4	3.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Chlorodibromomethane	ND		5.4	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Chloroethane	ND		5.4	3.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Chloroform	ND		5.4	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Chloromethane	ND		5.4	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
cis-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Cyclohexane	ND		5.4	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,2-Dibromo-3-Chloropropane	ND		5.4	3.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,2-Dibromoethane	ND		5.4	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,2-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,3-Dichlorobenzene	ND		5.4	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,4-Dichlorobenzene	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Dichlorobromomethane	ND		5.4	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Dichlorodifluoromethane	ND	*+	5.4	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,1-Dichloroethane	ND		5.4	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1

Client Sample ID: SSHS-IRM5A2-SCV49-0.75-1.75
Date Collected: 04/07/23 10:10
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-16
Matrix: Solid
Percent Solids: 90.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,1-Dichloroethene	ND		5.4	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,2-Dichloropropane	ND		5.4	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Ethylbenzene	ND		5.4	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
2-Hexanone	ND		5.4	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Isopropylbenzene	ND		5.4	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Methyl acetate	ND		27	7.9	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Methylcyclohexane	ND		5.4	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Methylene Chloride	ND		5.4	4.9	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.4	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Methyl tert-butyl ether	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
m-Xylene & p-Xylene	ND		5.4	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
o-Xylene	ND		5.4	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Styrene	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Tetrachloroethene	ND		5.4	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Toluene	ND		5.4	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
trans-1,2-Dichloroethene	ND		5.4	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,2,3-Trichlorobenzene	ND		5.4	3.0	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,1,1-Trichloroethane	ND		5.4	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,1,2-Trichloroethane	ND		5.4	1.1	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Trichloroethene	ND		5.4	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Trichlorofluoromethane	ND		5.4	4.5	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Vinyl chloride	ND		5.4	3.9	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1
Xylenes, Total	ND		11	7.8	ug/Kg	☼	04/19/23 07:41	04/19/23 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*60 - 124*	*04/19/23 07:41*	*04/19/23 20:40*	*1*
Dibromofluoromethane (Surr)	*120*		*69 - 126*	*04/19/23 07:41*	*04/19/23 20:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*145*	*S1+*	*73 - 135*	*04/19/23 07:41*	*04/19/23 20:40*	*1*
Toluene-d8 (Surr)	*101*		*67 - 134*	*04/19/23 07:41*	*04/19/23 20:40*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Acenaphthylene	ND		74	16	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Acetophenone	ND		740	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Anthracene	ND		74	19	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Atrazine	ND		740	160	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Benzo[a]anthracene	ND		74	33	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Benzo[a]pyrene	ND		74	32	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Benzo[b]fluoranthene	ND		74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Benzo[g,h,i]perylene	ND		74	16	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Benzo[k]fluoranthene	ND		74	22	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV49-0.75-1.75
Date Collected: 04/07/23 10:10
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-16
Matrix: Solid
Percent Solids: 90.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Carbazole	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Chrysene	ND		74	41	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
4,6-Dinitro-2-methylphenol	ND	*+	1900	640	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Fluoranthene	ND		74	19	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Fluorene	ND		74	14	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Indeno[1,2,3-cd]pyrene	ND		74	37	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Isophorone	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Naphthalene	ND		74	14	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1

Client Sample ID: SSHS-IRM5A2-SCV49-0.75-1.75

Date Collected: 04/07/23 10:10
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-16

Matrix: Solid
Percent Solids: 90.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Phenanthrene	ND		74	20	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Phenol	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
Pyrene	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*44 - 105*	*04/14/23 16:35*	*04/15/23 18:11*	*1*
2-Fluorophenol (Surr)	*50*		*48 - 105*	*04/14/23 16:35*	*04/15/23 18:11*	*1*
Nitrobenzene-d5 (Surr)	*60*		*46 - 105*	*04/14/23 16:35*	*04/15/23 18:11*	*1*
Phenol-d5 (Surr)	*56*		*46 - 105*	*04/14/23 16:35*	*04/15/23 18:11*	*1*
Terphenyl-d14 (Surr)	*88*		*39 - 105*	*04/14/23 16:35*	*04/15/23 18:11*	*1*
2,4,6-Tribromophenol (Surr)	*42*		*34 - 108*	*04/14/23 16:35*	*04/15/23 18:11*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	04/13/23 10:28	04/18/23 22:12	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/13/23 10:28	04/18/23 22:12	1
PCB-1232	ND		18	4.5	ug/Kg	☼	04/13/23 10:28	04/18/23 22:12	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/13/23 10:28	04/18/23 22:12	1
PCB-1248	ND		18	4.4	ug/Kg	☼	04/13/23 10:28	04/18/23 22:12	1
PCB-1254	ND		18	5.5	ug/Kg	☼	04/13/23 10:28	04/18/23 22:12	1
PCB-1260	ND		18	5.2	ug/Kg	☼	04/13/23 10:28	04/18/23 22:12	1
PCB-1262	ND		18	6.5	ug/Kg	☼	04/13/23 10:28	04/18/23 22:12	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/13/23 10:28	04/18/23 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*90*		*63 - 138*	*04/13/23 10:28*	*04/18/23 22:12*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*63 - 138*	*04/13/23 10:28*	*04/18/23 22:12*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*	*04/13/23 10:28*	*04/18/23 22:12*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*55 - 135*	*04/13/23 10:28*	*04/18/23 22:12*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7000**		11	2.8	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Antimony	**0.23**	**J**	0.56	0.17	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Arsenic	**5.0**		0.56	0.35	mg/Kg	☼	04/17/23 12:01	04/26/23 21:29	1
Barium	**44**		11	2.0	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Beryllium	**0.26**		0.22	0.061	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Cadmium	**0.45**		0.28	0.041	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Calcium	**74000**		1400	180	mg/Kg	☼	04/17/23 12:01	04/26/23 21:34	5
Chromium	**9.0**		0.28	0.25	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Cobalt	**7.3**		2.8	0.39	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Copper	**17**		1.4	0.84	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Iron	**15000**	**B**	5.6	5.4	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Lead	**11**		0.56	0.49	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Magnesium	**7100**		280	31	mg/Kg	☼	04/17/23 12:01	04/26/23 21:29	1

Client Sample ID: SSHS-IRM5A2-SCV49-0.75-1.75

Lab Sample ID: 180-154808-16
Date Collected: 04/07/23 10:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	350		0.84	0.16	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Nickel	18		2.2	0.28	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Potassium	840		280	47	mg/Kg	☼	04/17/23 12:01	04/26/23 21:29	1
Selenium	ND		0.56	0.26	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Silver	ND		0.28	0.058	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Sodium	71	J	280	29	mg/Kg	☼	04/17/23 12:01	04/26/23 21:29	1
Thallium	0.25	J	1.1	0.16	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Vanadium	11		2.8	0.44	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1
Zinc	46	B	1.1	0.81	mg/Kg	☼	04/17/23 12:01	04/22/23 01:49	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	22		0.90	0.58	mg/Kg	☼	04/27/23 10:20	04/28/23 15:55	25

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	9.5		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	90.5		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP17

Lab Sample ID: 180-154808-17
Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 89.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.2	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Benzene	ND		5.3	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Bromoform	ND		5.3	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Bromomethane	ND		5.3	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
2-Butanone (MEK)	ND		5.3	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Carbon disulfide	ND		5.3	4.3	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Carbon tetrachloride	ND		5.3	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Chlorobenzene	ND		5.3	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Chlorobromomethane	ND		5.3	3.2	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Chlorodibromomethane	ND		5.3	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Chloroethane	ND		5.3	3.1	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Chloroform	ND		5.3	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Chloromethane	ND		5.3	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
cis-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Cyclohexane	ND		5.3	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,2-Dibromo-3-Chloropropane	ND		5.3	3.5	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,2-Dibromoethane	ND		5.3	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,2-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,3-Dichlorobenzene	ND		5.3	3.3	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,4-Dichlorobenzene	ND		5.3	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Dichlorobromomethane	ND		5.3	2.5	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Dichlorodifluoromethane	ND	*+	5.3	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,1-Dichloroethane	ND		5.3	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,2-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP17
Date Collected: 04/07/23 00:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-17
Matrix: Solid
Percent Solids: 89.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.3	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,2-Dichloropropane	ND		5.3	1.4	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Ethylbenzene	ND		5.3	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
2-Hexanone	ND		5.3	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Isopropylbenzene	ND		5.3	2.8	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Methyl acetate	ND		27	7.9	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Methylcyclohexane	ND		5.3	2.6	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Methylene Chloride	ND		5.3	4.8	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	2.0	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Methyl tert-butyl ether	ND		5.3	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
m-Xylene & p-Xylene	ND		5.3	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
o-Xylene	ND		5.3	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Styrene	ND		5.3	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.6	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Tetrachloroethene	ND		5.3	2.2	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Toluene	ND		5.3	1.5	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
trans-1,2-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
trans-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,2,3-Trichlorobenzene	ND		5.3	2.9	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,1,1-Trichloroethane	ND		5.3	1.8	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,1,2-Trichloroethane	ND		5.3	1.1	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Trichloroethene	ND		5.3	1.7	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Trichlorofluoromethane	ND		5.3	4.4	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	2.1	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Vinyl chloride	ND		5.3	3.9	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1
Xylenes, Total	ND		11	7.7	ug/Kg	☼	04/19/23 07:41	04/19/23 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*60 - 124*	*04/19/23 07:41*	*04/19/23 21:03*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*	*04/19/23 07:41*	*04/19/23 21:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*73 - 135*	*04/19/23 07:41*	*04/19/23 21:03*	*1*
Toluene-d8 (Surr)	*98*		*67 - 134*	*04/19/23 07:41*	*04/19/23 21:03*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Acenaphthylene	ND		74	16	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Acetophenone	ND		740	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Anthracene	ND		74	19	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Atrazine	ND		740	160	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Benzo[a]anthracene	ND		74	33	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Benzo[a]pyrene	ND		74	32	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Benzo[b]fluoranthene	ND		74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Benzo[g,h,i]perylene	ND		74	16	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Benzo[k]fluoranthene	ND		74	22	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV-DUP17
Date Collected: 04/07/23 00:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-17
Matrix: Solid
Percent Solids: 89.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Bis(2-ethylhexyl) phthalate	ND		3700	390	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Butyl benzyl phthalate	ND		370	250	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Carbazole	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
4-Chloroaniline	ND		370	97	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Chrysene	ND		74	41	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Dibenzofuran	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2,4-Dichlorophenol	ND		74	29	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2,4-Dimethylphenol	ND		370	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Dimethyl phthalate	ND		370	150	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Di-n-butyl phthalate	ND		370	160	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
4,6-Dinitro-2-methylphenol	ND	*+	1900	640	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2,6-Dinitrotoluene	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
1,4-Dioxane	ND		740	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Fluoranthene	ND		74	20	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Fluorene	ND		74	15	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Hexachlorobenzene	ND		74	27	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Hexachlorocyclopentadiene	ND		370	38	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Hexachloroethane	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Indeno[1,2,3-cd]pyrene	ND		74	37	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Isophorone	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2-Methylphenol	ND		370	110	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Naphthalene	ND		74	14	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Nitrobenzene	ND		740	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV-DUP17

Date Collected: 04/07/23 00:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-17

Matrix: Solid
Percent Solids: 89.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		74	20	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Phenol	ND		370	110	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
Pyrene	ND		74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2,3,4,6-Tetrachlorophenol	ND		370	150	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*04/14/23 16:35*	*04/15/23 18:33*	*1*
2-Fluorophenol (Surr)	*56*		*48 - 105*	*04/14/23 16:35*	*04/15/23 18:33*	*1*
Nitrobenzene-d5 (Surr)	*61*		*46 - 105*	*04/14/23 16:35*	*04/15/23 18:33*	*1*
Phenol-d5 (Surr)	*60*		*46 - 105*	*04/14/23 16:35*	*04/15/23 18:33*	*1*
Terphenyl-d14 (Surr)	*80*		*39 - 105*	*04/14/23 16:35*	*04/15/23 18:33*	*1*
2,4,6-Tribromophenol (Surr)	*48*		*34 - 108*	*04/14/23 16:35*	*04/15/23 18:33*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	04/13/23 10:28	04/18/23 22:30	1
PCB-1221	ND		19	6.6	ug/Kg	☼	04/13/23 10:28	04/18/23 22:30	1
PCB-1232	ND		19	4.5	ug/Kg	☼	04/13/23 10:28	04/18/23 22:30	1
PCB-1242	ND		19	2.7	ug/Kg	☼	04/13/23 10:28	04/18/23 22:30	1
PCB-1248	ND		19	4.5	ug/Kg	☼	04/13/23 10:28	04/18/23 22:30	1
PCB-1254	ND		19	5.6	ug/Kg	☼	04/13/23 10:28	04/18/23 22:30	1
PCB-1260	ND		19	5.3	ug/Kg	☼	04/13/23 10:28	04/18/23 22:30	1
PCB-1262	ND		19	6.5	ug/Kg	☼	04/13/23 10:28	04/18/23 22:30	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/13/23 10:28	04/18/23 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*101*		*63 - 138*	*04/13/23 10:28*	*04/18/23 22:30*	*1*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/13/23 10:28*	*04/18/23 22:30*	*1*
Tetrachloro-m-xylene (Surr)	*118*		*55 - 135*	*04/13/23 10:28*	*04/18/23 22:30*	*1*
Tetrachloro-m-xylene (Surr)	*120*		*55 - 135*	*04/13/23 10:28*	*04/18/23 22:30*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8500**		14	3.6	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Antimony	**0.27**	**J**	0.72	0.22	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Arsenic	**7.4**		0.72	0.45	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Barium	**73**		14	2.6	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Beryllium	**0.37**		0.29	0.078	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Cadmium	**0.52**		0.36	0.053	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Calcium	**29000**		360	46	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Chromium	**11**		0.36	0.33	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Cobalt	**8.8**		3.6	0.50	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Copper	**23**		1.8	1.1	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Iron	**20000**		7.2	7.0	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Lead	**16**		0.72	0.62	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Magnesium	**6300**		360	39	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Manganese	**360**		1.1	0.20	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP17

Date Collected: 04/07/23 00:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-17

Matrix: Solid
Percent Solids: 89.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**23**		2.9	0.36	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Potassium	**760**		360	61	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Selenium	ND		0.72	0.33	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Silver	ND		0.36	0.075	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Sodium	**62**	**J**	360	37	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Thallium	ND		1.4	0.20	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Vanadium	**13**		3.6	0.57	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1
Zinc	**70**	**B**	1.4	1.0	mg/Kg	☼	05/01/23 11:30	05/03/23 14:09	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**63**		6.7	4.3	mg/Kg	☼	04/27/23 10:20	04/28/23 15:58	200

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**10.5**		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	**89.5**		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58

Date Collected: 04/07/23 10:15
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-18

Matrix: Solid
Percent Solids: 93.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	4.0	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Benzene	ND		5.1	1.4	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Bromoform	ND		5.1	2.6	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Bromomethane	ND		5.1	2.3	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
2-Butanone (MEK)	ND		5.1	2.6	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Carbon disulfide	ND		5.1	4.1	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Carbon tetrachloride	ND		5.1	2.1	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Chlorobenzene	ND		5.1	1.3	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Chlorobromomethane	ND		5.1	3.1	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Chlorodibromomethane	ND		5.1	2.5	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Chloroethane	ND		5.1	3.0	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Chloroform	ND		5.1	1.7	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Chloromethane	ND		5.1	2.0	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
cis-1,2-Dichloroethene	ND		5.1	1.5	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
cis-1,3-Dichloropropene	ND		5.1	2.3	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Cyclohexane	ND		5.1	2.4	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,2-Dibromo-3-Chloropropane	ND		5.1	3.3	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,2-Dibromoethane	ND		5.1	1.4	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,2-Dichlorobenzene	ND		5.1	1.7	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,3-Dichlorobenzene	ND		5.1	3.2	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,4-Dichlorobenzene	ND		5.1	1.5	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Dichlorobromomethane	ND		5.1	2.4	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Dichlorodifluoromethane	ND	*+	5.1	2.6	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,1-Dichloroethane	ND		5.1	1.6	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,2-Dichloroethane	ND		5.1	1.5	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,1-Dichloroethene	ND		5.1	2.3	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Date Collected: 04/07/23 10:15
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-18
Matrix: Solid
Percent Solids: 93.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		10	4.2	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,2-Dichloropropane	ND		5.1	1.4	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,4-Dioxane	ND		1000	36	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Ethylbenzene	ND		5.1	1.9	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
2-Hexanone	ND		5.1	1.6	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Isopropylbenzene	ND		5.1	2.7	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Methyl acetate	ND		26	7.5	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Methylcyclohexane	ND		5.1	2.5	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Methylene Chloride	ND		5.1	4.6	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.1	1.9	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Methyl tert-butyl ether	ND		5.1	1.5	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
m-Xylene & p-Xylene	ND		5.1	1.8	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
o-Xylene	ND		5.1	2.1	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Styrene	ND		5.1	1.5	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,1,2,2-Tetrachloroethane	ND		5.1	1.6	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Tetrachloroethene	ND		5.1	2.1	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Toluene	ND		5.1	1.5	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
trans-1,2-Dichloroethene	ND		5.1	1.8	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
trans-1,3-Dichloropropene	ND		5.1	2.3	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,2,3-Trichlorobenzene	ND		5.1	2.8	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,2,4-Trichlorobenzene	ND		5.1	2.6	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,1,1-Trichloroethane	ND		5.1	1.7	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,1,2-Trichloroethane	ND		5.1	1.0	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Trichloroethene	ND		5.1	1.6	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Trichlorofluoromethane	ND		5.1	4.3	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.1	2.0	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Vinyl chloride	ND		5.1	3.7	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1
Xylenes, Total	ND		10	7.4	ug/Kg	☼	04/19/23 20:04	04/19/23 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*60 - 124*	*04/19/23 20:04*	*04/19/23 21:26*	*1*
Dibromofluoromethane (Surr)	*106*		*69 - 126*	*04/19/23 20:04*	*04/19/23 21:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*73 - 135*	*04/19/23 20:04*	*04/19/23 21:26*	*1*
Toluene-d8 (Surr)	*90*		*67 - 134*	*04/19/23 20:04*	*04/19/23 21:26*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		71	20	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Acenaphthylene	ND		71	15	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Acetophenone	ND		710	130	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Anthracene	ND		71	18	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Atrazine	ND		710	150	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Benzaldehyde	ND	F1	710	44	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Benzo[a]anthracene	ND		71	32	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Benzo[a]pyrene	ND		71	31	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Benzo[b]fluoranthene	**51**	**J**	71	17	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Benzo[g,h,i]perylene	ND		71	15	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Benzo[k]fluoranthene	ND		71	21	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
1,1'-Biphenyl	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Bis(2-chloroethoxy)methane	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Date Collected: 04/07/23 10:15
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-18
Matrix: Solid
Percent Solids: 93.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		71	13	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Bis(2-ethylhexyl) phthalate	ND		3500	380	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
4-Bromophenyl phenyl ether	ND		350	150	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Butyl benzyl phthalate	ND		350	240	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Carbazole	ND		71	17	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
4-Chloroaniline	ND		350	93	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
4-Chloro-3-methylphenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2-Chloronaphthalene	ND		71	16	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2-Chlorophenol	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
4-Chlorophenyl phenyl ether	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Chrysene	**41**	**J**	71	39	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Dibenz(a,h)anthracene	ND		71	45	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Dibenzofuran	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
3,3'-Dichlorobenzidine	ND		350	330	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2,4-Dichlorophenol	ND		71	27	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Diethyl phthalate	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2,4-Dimethylphenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Dimethyl phthalate	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Di-n-butyl phthalate	ND		350	150	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
4,6-Dinitro-2-methylphenol	ND	*+	1800	610	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2,4-Dinitrophenol	ND		3500	2200	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2,4-Dinitrotoluene	ND		350	210	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2,6-Dinitrotoluene	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Di-n-octyl phthalate	ND		350	210	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
1,4-Dioxane	ND		710	110	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Fluoranthene	**37**	**J**	71	19	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Fluorene	ND		71	14	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Hexachlorobenzene	ND		71	25	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Hexachlorobutadiene	ND		71	21	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Hexachlorocyclopentadiene	ND		350	36	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Hexachloroethane	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Indeno[1,2,3-cd]pyrene	ND		71	35	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Isophorone	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2-Methylnaphthalene	ND		71	17	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2-Methylphenol	ND		350	100	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Methylphenol, 3 & 4	ND		350	100	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Naphthalene	ND		71	14	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
3-Nitroaniline	ND		1800	90	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Nitrobenzene	ND		710	130	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2-Nitrophenol	ND		350	130	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
N-Nitrosodi-n-propylamine	ND		71	24	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
N-Nitrosodiphenylamine	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2,2'-oxybis[1-chloropropane]	ND		71	26	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Pentachlorophenol	ND		1800	570	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Phenanthrene	ND		71	19	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58

Date Collected: 04/07/23 10:15
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-18

Matrix: Solid
Percent Solids: 93.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		350	110	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
Pyrene	**45**	**J**	71	17	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
1,2,4,5-Tetrachlorobenzene	ND		350	140	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2,3,4,6-Tetrachlorophenol	ND		350	150	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2,4,5-Trichlorophenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1
2,4,6-Trichlorophenol	ND		350	120	ug/Kg	☼	04/14/23 16:35	04/15/23 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*44 - 105*	*04/14/23 16:35*	*04/15/23 11:35*	*1*
2-Fluorophenol (Surr)	*58*		*48 - 105*	*04/14/23 16:35*	*04/15/23 11:35*	*1*
Nitrobenzene-d5 (Surr)	*68*		*46 - 105*	*04/14/23 16:35*	*04/15/23 11:35*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*04/14/23 16:35*	*04/15/23 11:35*	*1*
Terphenyl-d14 (Surr)	*81*		*39 - 105*	*04/14/23 16:35*	*04/15/23 11:35*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*34 - 108*	*04/14/23 16:35*	*04/15/23 11:35*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.7	ug/Kg	☼	04/13/23 10:28	04/18/23 15:59	1
PCB-1221	ND		18	6.2	ug/Kg	☼	04/13/23 10:28	04/18/23 15:59	1
PCB-1232	ND		18	4.3	ug/Kg	☼	04/13/23 10:28	04/18/23 15:59	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/13/23 10:28	04/18/23 15:59	1
PCB-1248	ND		18	4.2	ug/Kg	☼	04/13/23 10:28	04/18/23 15:59	1
PCB-1254	**41**		18	5.3	ug/Kg	☼	04/13/23 10:28	04/18/23 15:59	1
PCB-1260	ND		18	5.0	ug/Kg	☼	04/13/23 10:28	04/18/23 15:59	1
PCB-1262	ND		18	6.2	ug/Kg	☼	04/13/23 10:28	04/18/23 15:59	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/13/23 10:28	04/18/23 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*107*		*63 - 138*	*04/13/23 10:28*	*04/18/23 15:59*	*1*
DCB Decachlorobiphenyl (Surr)	*99*		*63 - 138*	*04/13/23 10:28*	*04/18/23 15:59*	*1*
Tetrachloro-m-xylene (Surr)	*116*		*55 - 135*	*04/13/23 10:28*	*04/18/23 15:59*	*1*
Tetrachloro-m-xylene (Surr)	*121*		*55 - 135*	*04/13/23 10:28*	*04/18/23 15:59*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3100**		14	3.4	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Antimony	**0.39**	**J F2 F1**	0.69	0.21	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Arsenic	**3.9**	**F2**	0.69	0.43	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Barium	**35**	**F2 F1**	14	2.4	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Beryllium	**0.25**	**J F2**	0.27	0.075	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Cadmium	**0.13**	**J F2**	0.34	0.050	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Calcium	**2300**	**F2 F1**	340	44	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Chromium	**4.7**	**F2**	0.34	0.31	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Cobalt	**3.8**	**F2 F1**	3.4	0.48	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Copper	**16**	**F2 F1**	1.7	1.0	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Iron	**8400**		6.9	6.7	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Lead	**19**	**F2 F1**	0.69	0.60	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Magnesium	**1100**	**F2 F1**	340	38	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Manganese	**170**		1.0	0.19	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Nickel	**10**	**F2 F1**	2.7	0.35	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58

Lab Sample ID: 180-154808-18

Date Collected: 04/07/23 10:15
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 93.3

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**350**	**F2 B**	340	58	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Selenium	ND	F2	0.69	0.32	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Silver	ND	F2	0.34	0.071	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Sodium	ND	F2	340	35	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Thallium	**0.28**	**J F2**	1.4	0.20	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Vanadium	**6.3**	**F2**	3.4	0.54	mg/Kg	☼	04/13/23 11:18	04/26/23 00:44	1
Zinc	**140**	**B F2**	1.6	1.2	mg/Kg	☼	05/02/23 10:00	05/03/23 12:23	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**220**		6.4	4.1	mg/Kg	☼	04/27/23 10:20	04/28/23 14:46	200

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**6.7**		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	**93.3**		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV50-0.58-1.58

Lab Sample ID: 180-154808-19

Date Collected: 04/07/23 10:20
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Benzene	ND		5.5	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
2-Butanone (MEK)	ND		5.5	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,2-Dichlorobenzene	ND		5.5	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,4-Dichlorobenzene	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Dichlorodifluoromethane	ND	*+	5.5	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1

Client Sample ID: SSHS-IRM5A2-SCV50-0.58-1.58
Date Collected: 04/07/23 10:20
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-19
Matrix: Solid
Percent Solids: 90.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Isopropylbenzene	ND		5.5	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Methyl acetate	ND	*+	28	8.1	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Methylcyclohexane	ND		5.5	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Methylene Chloride	ND		5.5	5.0	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
m-Xylene & p-Xylene	ND		5.5	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Styrene	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Trichlorofluoromethane	ND		5.5	4.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Vinyl chloride	ND		5.5	4.0	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1
Xylenes, Total	ND		11	7.9	ug/Kg	☼	04/20/23 07:05	04/20/23 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*	*04/20/23 07:05*	*04/20/23 13:17*	*1*
Dibromofluoromethane (Surr)	*118*		*69 - 126*	*04/20/23 07:05*	*04/20/23 13:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*		*73 - 135*	*04/20/23 07:05*	*04/20/23 13:17*	*1*
Toluene-d8 (Surr)	*97*		*67 - 134*	*04/20/23 07:05*	*04/20/23 13:17*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Acenaphthylene	ND		74	16	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Acetophenone	ND		740	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Anthracene	ND		74	19	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Atrazine	ND		740	160	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Benzo[a]anthracene	ND		74	33	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Benzo[a]pyrene	ND		74	32	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Benzo[b]fluoranthene	**38**	**J**	74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Benzo[g,h,i]perylene	**26**	**J**	74	16	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Benzo[k]fluoranthene	ND		74	22	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1

Client Sample ID: SSHS-IRM5A2-SCV50-0.58-1.58
Date Collected: 04/07/23 10:20
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-19
Matrix: Solid
Percent Solids: 90.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Carbazole	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Chrysene	ND		74	41	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
4,6-Dinitro-2-methylphenol	ND	*+	1900	630	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Fluoranthene	**20**	**J**	74	19	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Fluorene	ND		74	14	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Hexachlorobutadiene	ND		74	21	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Indeno[1,2,3-cd]pyrene	ND		74	37	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Isophorone	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Naphthalene	ND		74	14	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
3-Nitroaniline	ND		1900	93	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Phenanthrene	ND		74	20	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
Phenol	ND		360	110	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1

Client Sample ID: SSHS-IRM5A2-SCV50-0.58-1.58

Date Collected: 04/07/23 10:20
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-19

Matrix: Solid
Percent Solids: 90.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**38**	**J**	74	17	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/14/23 16:35	04/15/23 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*04/14/23 16:35*	*04/15/23 18:55*	*1*
2-Fluorophenol (Surr)	*54*		*48 - 105*	*04/14/23 16:35*	*04/15/23 18:55*	*1*
Nitrobenzene-d5 (Surr)	*63*		*46 - 105*	*04/14/23 16:35*	*04/15/23 18:55*	*1*
Phenol-d5 (Surr)	*60*		*46 - 105*	*04/14/23 16:35*	*04/15/23 18:55*	*1*
Terphenyl-d14 (Surr)	*84*		*39 - 105*	*04/14/23 16:35*	*04/15/23 18:55*	*1*
2,4,6-Tribromophenol (Surr)	*51*		*34 - 108*	*04/14/23 16:35*	*04/15/23 18:55*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	04/13/23 10:28	04/18/23 22:49	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/13/23 10:28	04/18/23 22:49	1
PCB-1232	ND		18	4.4	ug/Kg	☼	04/13/23 10:28	04/18/23 22:49	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/13/23 10:28	04/18/23 22:49	1
PCB-1248	**130**		18	4.4	ug/Kg	☼	04/13/23 10:28	04/18/23 22:49	1
PCB-1254	**88**		18	5.5	ug/Kg	☼	04/13/23 10:28	04/18/23 22:49	1
PCB-1260	**16**	**J**	18	5.2	ug/Kg	☼	04/13/23 10:28	04/18/23 22:49	1
PCB-1262	ND		18	6.4	ug/Kg	☼	04/13/23 10:28	04/18/23 22:49	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/13/23 10:28	04/18/23 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*91*		*63 - 138*	*04/13/23 10:28*	*04/18/23 22:49*	*1*
DCB Decachlorobiphenyl (Surr)	*95*		*63 - 138*	*04/13/23 10:28*	*04/18/23 22:49*	*1*
Tetrachloro-m-xylene (Surr)	*109*		*55 - 135*	*04/13/23 10:28*	*04/18/23 22:49*	*1*
Tetrachloro-m-xylene (Surr)	*112*		*55 - 135*	*04/13/23 10:28*	*04/18/23 22:49*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6200**		17	4.3	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Antimony	ND		0.86	0.26	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Arsenic	**5.9**		0.86	0.54	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Barium	**39**		17	3.1	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Beryllium	**0.32**	**J**	0.34	0.094	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Cadmium	**0.43**		0.43	0.063	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Calcium	**16000**		430	56	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Chromium	**8.8**		0.43	0.39	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Cobalt	**6.4**		4.3	0.61	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Copper	**24**		2.2	1.3	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Iron	**15000**		8.6	8.4	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Lead	**18**		0.86	0.75	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Magnesium	**4900**		430	47	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Manganese	**360**		1.3	0.24	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Nickel	**18**		3.4	0.43	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Potassium	**580**		430	73	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1

Client Sample ID: SSHS-IRM5A2-SCV50-0.58-1.58

Lab Sample ID: 180-154808-19

Date Collected: 04/07/23 10:20
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.7

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.86	0.40	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Silver	ND		0.43	0.090	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Sodium	**49**	**J**	430	44	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Thallium	ND		1.7	0.24	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Vanadium	**11**		4.3	0.68	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1
Zinc	**79**	**B**	1.7	1.2	mg/Kg	☼	05/01/23 11:30	05/03/23 14:14	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**120**		6.9	4.5	mg/Kg	☼	04/27/23 10:20	04/28/23 16:02	200

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**9.3**		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	**90.7**		0.1	0.1	%			04/11/23 17:27	1

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50

Lab Sample ID: 180-154808-20

Date Collected: 04/07/23 10:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Benzene	ND		5.5	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
2-Butanone (MEK)	ND		5.5	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Carbon tetrachloride	ND		5.5	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
cis-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Cyclohexane	ND		5.5	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,2-Dichlorobenzene	ND		5.5	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,4-Dichlorobenzene	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Dichlorodifluoromethane	ND	*+	5.5	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50

Date Collected: 04/07/23 10:25
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-20

Matrix: Solid
Percent Solids: 87.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Ethylbenzene	ND		5.5	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Isopropylbenzene	ND		5.5	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Methyl acetate	ND	*+	28	8.2	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Methylcyclohexane	ND		5.5	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Methylene Chloride	ND		5.5	5.0	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
m-Xylene & p-Xylene	ND		5.5	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Styrene	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,1,1-Trichloroethane	ND		5.5	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Trichlorofluoromethane	ND		5.5	4.6	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Vinyl chloride	ND		5.5	4.0	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1
Xylenes, Total	ND		11	8.0	ug/Kg	☼	04/20/23 07:05	04/20/23 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*	*04/20/23 07:05*	*04/20/23 13:39*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*	*04/20/23 07:05*	*04/20/23 13:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*		*73 - 135*	*04/20/23 07:05*	*04/20/23 13:39*	*1*
Toluene-d8 (Surr)	*93*		*67 - 134*	*04/20/23 07:05*	*04/20/23 13:39*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**26**	**J**	76	22	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Acenaphthylene	**61**	**J**	76	17	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Acetophenone	ND		760	140	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Anthracene	**140**		76	20	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Atrazine	ND		760	170	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Benzaldehyde	ND		760	47	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Benzo[a]anthracene	**550**		76	34	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Benzo[a]pyrene	**560**		76	33	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Benzo[b]fluoranthene	**740**		76	19	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Benzo[g,h,i]perylene	**510**		76	16	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Benzo[k]fluoranthene	**340**		76	23	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Bis(2-chloroethyl)ether	ND		76	14	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Bis(2-ethylhexyl) phthalate	ND		3800	400	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50
Date Collected: 04/07/23 10:25
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-20
Matrix: Solid
Percent Solids: 87.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Butyl benzyl phthalate	ND		380	260	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Caprolactam	ND		1900	250	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Carbazole	**34**	**J**	76	18	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Chrysene	**610**		76	42	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Dibenz(a,h)anthracene	**110**		76	49	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
3,3'-Dichlorobenzidine	ND		380	350	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Di-n-butyl phthalate	ND		380	170	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
4,6-Dinitro-2-methylphenol	ND	*+	1900	650	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
1,4-Dioxane	ND		760	120	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Fluoranthene	**860**		76	20	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Fluorene	**26**	**J**	76	15	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Hexachloroethane	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Indeno[1,2,3-cd]pyrene	**440**		76	38	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Isophorone	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2-Methylnaphthalene	**100**		76	18	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Naphthalene	**130**		76	15	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
3-Nitroaniline	ND		1900	97	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Nitrobenzene	ND		760	140	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Phenanthrene	**450**		76	20	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Phenol	ND		380	110	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
Pyrene	**990**		76	18	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50

Date Collected: 04/07/23 10:25
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-20

Matrix: Solid
Percent Solids: 87.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/14/23 16:35	04/15/23 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*44 - 105*	*04/14/23 16:35*	*04/15/23 19:17*	*1*
2-Fluorophenol (Surr)	*61*		*48 - 105*	*04/14/23 16:35*	*04/15/23 19:17*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*04/14/23 16:35*	*04/15/23 19:17*	*1*
Phenol-d5 (Surr)	*64*		*46 - 105*	*04/14/23 16:35*	*04/15/23 19:17*	*1*
Terphenyl-d14 (Surr)	*92*		*39 - 105*	*04/14/23 16:35*	*04/15/23 19:17*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*34 - 108*	*04/14/23 16:35*	*04/15/23 19:17*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	04/13/23 10:28	04/18/23 23:08	1
PCB-1221	ND		19	6.6	ug/Kg	☼	04/13/23 10:28	04/18/23 23:08	1
PCB-1232	ND		19	4.6	ug/Kg	☼	04/13/23 10:28	04/18/23 23:08	1
PCB-1242	ND		19	2.7	ug/Kg	☼	04/13/23 10:28	04/18/23 23:08	1
PCB-1248	**52**		19	4.5	ug/Kg	☼	04/13/23 10:28	04/18/23 23:08	1
PCB-1254	**37**		19	5.6	ug/Kg	☼	04/13/23 10:28	04/18/23 23:08	1
PCB-1260	ND		19	5.3	ug/Kg	☼	04/13/23 10:28	04/18/23 23:08	1
PCB-1262	ND		19	6.6	ug/Kg	☼	04/13/23 10:28	04/18/23 23:08	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/13/23 10:28	04/18/23 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*102*		*63 - 138*	*04/13/23 10:28*	*04/18/23 23:08*	*1*
DCB Decachlorobiphenyl (Surr)	*96*		*63 - 138*	*04/13/23 10:28*	*04/18/23 23:08*	*1*
Tetrachloro-m-xylene (Surr)	*114*		*55 - 135*	*04/13/23 10:28*	*04/18/23 23:08*	*1*
Tetrachloro-m-xylene (Surr)	*117*		*55 - 135*	*04/13/23 10:28*	*04/18/23 23:08*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		16	4.1	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Antimony	ND		0.82	0.25	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Arsenic	**12**		0.82	0.52	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Barium	**120**		16	2.9	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Beryllium	**0.59**		0.33	0.090	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Cadmium	**0.96**		0.41	0.061	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Calcium	**6100**		410	53	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Chromium	**19**		0.41	0.38	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Cobalt	**11**		4.1	0.58	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Copper	**55**		2.1	1.2	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Iron	**23000**		8.2	8.0	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Lead	**110**		0.82	0.72	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Magnesium	**3000**		410	45	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Manganese	**790**		1.2	0.23	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Nickel	**28**		3.3	0.42	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Potassium	**840**		410	70	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Selenium	**0.54**	**J**	0.82	0.38	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154808-1

Client Sample ID: SSHS-IRM5A2-SCV51-0-0.50
Date Collected: 04/07/23 10:25
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154808-20
Matrix: Solid
Percent Solids: 87.9

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.41	0.086	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Sodium	**66**	**J**	410	42	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Thallium	ND		1.6	0.23	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Vanadium	**18**		4.1	0.65	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1
Zinc	**320**	**B**	1.6	1.2	mg/Kg	☼	05/01/23 11:30	05/03/23 14:29	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.26**		0.033	0.021	mg/Kg	☼	04/27/23 10:20	04/28/23 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**12.1**		0.1	0.1	%			04/11/23 17:27	1
Percent Solids (SM22 2540G)	**87.9**		0.1	0.1	%			04/11/23 17:27	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 180-432752/8
Matrix: Solid
Analysis Batch: 432752

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/19/23 12:22	1
Benzene	ND		5.0	1.4	ug/Kg			04/19/23 12:22	1
Bromoform	ND		5.0	2.5	ug/Kg			04/19/23 12:22	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/19/23 12:22	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/19/23 12:22	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/19/23 12:22	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/19/23 12:22	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/19/23 12:22	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/19/23 12:22	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/19/23 12:22	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/19/23 12:22	1
Chloroform	ND		5.0	1.6	ug/Kg			04/19/23 12:22	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/19/23 12:22	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/19/23 12:22	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/19/23 12:22	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/19/23 12:22	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/19/23 12:22	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/19/23 12:22	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/19/23 12:22	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/19/23 12:22	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/19/23 12:22	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/19/23 12:22	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/19/23 12:22	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/19/23 12:22	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/19/23 12:22	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/19/23 12:22	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/19/23 12:22	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/19/23 12:22	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/19/23 12:22	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/19/23 12:22	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/19/23 12:22	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/19/23 12:22	1
Methyl acetate	ND		25	7.4	ug/Kg			04/19/23 12:22	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/19/23 12:22	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/19/23 12:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/19/23 12:22	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/19/23 12:22	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/19/23 12:22	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/19/23 12:22	1
Styrene	ND		5.0	1.5	ug/Kg			04/19/23 12:22	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/19/23 12:22	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/19/23 12:22	1
Toluene	ND		5.0	1.4	ug/Kg			04/19/23 12:22	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/19/23 12:22	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/19/23 12:22	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/19/23 12:22	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/19/23 12:22	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/19/23 12:22	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-432752/8
Matrix: Solid
Analysis Batch: 432752

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/19/23 12:22	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/19/23 12:22	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/19/23 12:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/19/23 12:22	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/19/23 12:22	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/19/23 12:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*		*04/19/23 12:22*	*1*
Dibromofluoromethane (Surr)	*120*		*69 - 126*		*04/19/23 12:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*		*73 - 135*		*04/19/23 12:22*	*1*
Toluene-d8 (Surr)	*101*		*67 - 134*		*04/19/23 12:22*	*1*

Lab Sample ID: LCS 180-432752/4
Matrix: Solid
Analysis Batch: 432752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	43.0		ug/Kg		107	23 - 170
Benzene	40.0	34.7		ug/Kg		87	77 - 120
Bromoform	40.0	37.6		ug/Kg		94	37 - 147
Bromomethane	40.0	38.2		ug/Kg		96	47 - 149
2-Butanone (MEK)	40.0	29.5		ug/Kg		74	39 - 157
Carbon disulfide	40.0	45.8		ug/Kg		115	40 - 156
Carbon tetrachloride	40.0	42.4		ug/Kg		106	73 - 130
Chlorobenzene	40.0	33.3		ug/Kg		83	79 - 122
Chlorobromomethane	40.0	37.3		ug/Kg		93	64 - 128
Chlorodibromomethane	40.0	35.5		ug/Kg		89	60 - 134
Chloroethane	40.0	38.6		ug/Kg		96	37 - 159
Chloroform	40.0	37.0		ug/Kg		92	73 - 126
Chloromethane	40.0	29.2		ug/Kg		73	46 - 151
cis-1,2-Dichloroethene	40.0	35.7		ug/Kg		89	77 - 118
cis-1,3-Dichloropropene	40.0	36.1		ug/Kg		90	73 - 127
Cyclohexane	40.0	36.5		ug/Kg		91	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	32.1		ug/Kg		80	30 - 163
1,2-Dibromoethane	40.0	32.6		ug/Kg		82	59 - 137
1,2-Dichlorobenzene	40.0	32.2		ug/Kg		80	76 - 120
1,3-Dichlorobenzene	40.0	33.0		ug/Kg		83	77 - 121
1,4-Dichlorobenzene	40.0	33.7		ug/Kg		84	79 - 120
Dichlorobromomethane	40.0	35.4		ug/Kg		89	75 - 123
Dichlorodifluoromethane	40.0	59.2		ug/Kg		148	26 - 149
1,1-Dichloroethane	40.0	35.7		ug/Kg		89	73 - 124
1,2-Dichloroethane	40.0	41.6		ug/Kg		104	64 - 140
1,1-Dichloroethene	40.0	43.4		ug/Kg		108	55 - 136
1,2-Dichloroethene, Total	80.0	74.8		ug/Kg		93	77 - 119
1,2-Dichloropropane	40.0	31.0		ug/Kg		77	77 - 119
1,4-Dioxane	800	532	J	ug/Kg		66	18 - 166
Ethylbenzene	40.0	33.1		ug/Kg		83	79 - 119

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432752/4
Matrix: Solid
Analysis Batch: 432752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	40.0	31.1		ug/Kg		78	42 - 152
Isopropylbenzene	40.0	33.8		ug/Kg		84	70 - 125
Methyl acetate	80.0	133		ug/Kg		167	20 - 170
Methylcyclohexane	40.0	35.4		ug/Kg		88	70 - 125
Methylene Chloride	40.0	37.6		ug/Kg		94	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	32.5		ug/Kg		81	51 - 147
Methyl tert-butyl ether	40.0	37.2		ug/Kg		93	58 - 132
m-Xylene & p-Xylene	40.0	34.9		ug/Kg		87	77 - 120
o-Xylene	40.0	32.8		ug/Kg		82	78 - 118
Styrene	40.0	33.5		ug/Kg		84	80 - 120
1,1,2,2-Tetrachloroethane	40.0	33.2		ug/Kg		83	36 - 170
Tetrachloroethene	40.0	38.1		ug/Kg		95	71 - 121
Toluene	40.0	32.8		ug/Kg		82	76 - 120
trans-1,2-Dichloroethene	40.0	39.1		ug/Kg		98	75 - 122
trans-1,3-Dichloropropene	40.0	33.8		ug/Kg		85	68 - 133
1,2,3-Trichlorobenzene	40.0	34.9		ug/Kg		87	29 - 166
1,2,4-Trichlorobenzene	40.0	34.2		ug/Kg		86	22 - 170
1,1,1-Trichloroethane	40.0	40.9		ug/Kg		102	72 - 134
1,1,2-Trichloroethane	40.0	31.8		ug/Kg		80	66 - 128
Trichloroethene	40.0	37.1		ug/Kg		93	69 - 118
Trichlorofluoromethane	40.0	37.9		ug/Kg		95	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	45.3		ug/Kg		113	59 - 135
Vinyl chloride	40.0	31.5		ug/Kg		79	64 - 134
Xylenes, Total	80.0	67.7		ug/Kg		85	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*
Dibromofluoromethane (Surr)	*107*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 135*
Toluene-d8 (Surr)	*101*		*67 - 134*

Lab Sample ID: LCSD 180-432752/6
Matrix: Solid
Analysis Batch: 432752

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	40.0	45.2		ug/Kg		113	23 - 170	5	35
Benzene	40.0	37.4		ug/Kg		93	77 - 120	7	20
Bromoform	40.0	38.0		ug/Kg		95	37 - 147	1	23
Bromomethane	40.0	42.9		ug/Kg		107	47 - 149	11	25
2-Butanone (MEK)	40.0	30.4		ug/Kg		76	39 - 157	3	33
Carbon disulfide	40.0	49.4		ug/Kg		123	40 - 156	7	25
Carbon tetrachloride	40.0	45.8		ug/Kg		115	73 - 130	8	21
Chlorobenzene	40.0	35.7		ug/Kg		89	79 - 122	7	20
Chlorobromomethane	40.0	39.4		ug/Kg		98	64 - 128	5	20
Chlorodibromomethane	40.0	36.0		ug/Kg		90	60 - 134	1	40
Chloroethane	40.0	44.0		ug/Kg		110	37 - 159	13	25
Chloroform	40.0	39.2		ug/Kg		98	73 - 126	6	20

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 180-432752/6
Matrix: Solid
Analysis Batch: 432752

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			40.0	36.2		ug/Kg		91	46 - 151	21	33
cis-1,2-Dichloroethene			40.0	38.6		ug/Kg		96	77 - 118	8	20
cis-1,3-Dichloropropene			40.0	37.1		ug/Kg		93	73 - 127	3	20
Cyclohexane			40.0	39.6		ug/Kg		99	63 - 143	8	25
1,2-Dibromo-3-Chloropropane			40.0	31.8		ug/Kg		79	30 - 163	1	34
1,2-Dibromoethane			40.0	34.3		ug/Kg		86	59 - 137	5	20
1,2-Dichlorobenzene			40.0	33.8		ug/Kg		85	76 - 120	5	20
1,3-Dichlorobenzene			40.0	34.8		ug/Kg		87	77 - 121	5	20
1,4-Dichlorobenzene			40.0	35.2		ug/Kg		88	79 - 120	4	20
Dichlorobromomethane			40.0	37.3		ug/Kg		93	75 - 123	5	20
Dichlorodifluoromethane			40.0	62.2	*+	ug/Kg		156	26 - 149	5	24
1,1-Dichloroethane			40.0	38.8		ug/Kg		97	73 - 124	8	20
1,2-Dichloroethane			40.0	44.3		ug/Kg		111	64 - 140	6	20
1,1-Dichloroethene			40.0	47.7		ug/Kg		119	55 - 136	9	21
1,2-Dichloroethene, Total			80.0	79.8		ug/Kg		100	77 - 119	6	20
1,2-Dichloropropane			40.0	32.9		ug/Kg		82	77 - 119	6	20
1,4-Dioxane			800	554	J	ug/Kg		69	18 - 166	4	40
Ethylbenzene			40.0	35.0		ug/Kg		88	79 - 119	6	20
2-Hexanone			40.0	31.9		ug/Kg		80	42 - 152	3	30
Isopropylbenzene			40.0	35.8		ug/Kg		90	70 - 125	6	21
Methyl acetate			80.0	127		ug/Kg		159	20 - 170	5	33
Methylcyclohexane			40.0	38.5		ug/Kg		96	70 - 125	8	22
Methylene Chloride			40.0	41.1		ug/Kg		103	67 - 131	9	32
4-Methyl-2-pentanone (MIBK)			40.0	31.9		ug/Kg		80	51 - 147	2	27
Methyl tert-butyl ether			40.0	36.1		ug/Kg		90	58 - 132	3	24
m-Xylene & p-Xylene			40.0	37.0		ug/Kg		92	77 - 120	6	20
o-Xylene			40.0	35.3		ug/Kg		88	78 - 118	7	20
Styrene			40.0	35.3		ug/Kg		88	80 - 120	5	20
1,1,2,2-Tetrachloroethane			40.0	32.8		ug/Kg		82	36 - 170	1	23
Tetrachloroethene			40.0	40.8		ug/Kg		102	71 - 121	7	21
Toluene			40.0	35.3		ug/Kg		88	76 - 120	7	20
trans-1,2-Dichloroethene			40.0	41.2		ug/Kg		103	75 - 122	5	20
trans-1,3-Dichloropropene			40.0	35.3		ug/Kg		88	68 - 133	4	20
1,2,3-Trichlorobenzene			40.0	35.4		ug/Kg		89	29 - 166	2	40
1,2,4-Trichlorobenzene			40.0	36.0		ug/Kg		90	22 - 170	5	29
1,1,1-Trichloroethane			40.0	43.0		ug/Kg		107	72 - 134	5	20
1,1,2-Trichloroethane			40.0	32.1		ug/Kg		80	66 - 128	1	21
Trichloroethene			40.0	40.3		ug/Kg		101	69 - 118	8	20
Trichlorofluoromethane			40.0	40.6		ug/Kg		102	32 - 149	7	39
1,1,2-Trichloro-1,2,2-trifluoroethane			40.0	48.7		ug/Kg		122	59 - 135	7	28
Vinyl chloride			40.0	33.8		ug/Kg		84	64 - 134	7	23
Xylenes, Total			80.0	72.3		ug/Kg		90	78 - 118	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*100*		*73 - 135*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 180-432752/6
Matrix: Solid
Analysis Batch: 432752

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*67 - 134*

Lab Sample ID: 180-154808-18 MS
Matrix: Solid
Analysis Batch: 432752

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 432800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND		39.3	56.8		ug/Kg	☼	145	23 - 170
Benzene	ND		39.3	37.8		ug/Kg	☼	96	77 - 120
Bromoform	ND		39.3	42.1		ug/Kg	☼	107	37 - 147
Bromomethane	ND		39.3	40.5		ug/Kg	☼	103	47 - 149
2-Butanone (MEK)	ND		39.3	66.8	F1	ug/Kg	☼	170	39 - 157
Carbon disulfide	ND		39.3	50.5		ug/Kg	☼	128	40 - 156
Carbon tetrachloride	ND		39.3	46.3		ug/Kg	☼	118	73 - 130
Chlorobenzene	ND		39.3	36.2		ug/Kg	☼	92	79 - 122
Chlorobromomethane	ND		39.3	43.3		ug/Kg	☼	110	64 - 128
Chlorodibromomethane	ND		39.3	40.7		ug/Kg	☼	104	60 - 134
Chloroethane	ND		39.3	41.7		ug/Kg	☼	106	37 - 159
Chloroform	ND		39.3	39.3		ug/Kg	☼	100	73 - 126
Chloromethane	ND		39.3	33.7		ug/Kg	☼	86	46 - 151
cis-1,2-Dichloroethene	ND		39.3	39.3		ug/Kg	☼	100	77 - 118
cis-1,3-Dichloropropene	ND		39.3	39.2		ug/Kg	☼	100	73 - 127
Cyclohexane	ND		39.3	39.5		ug/Kg	☼	101	63 - 143
1,2-Dibromo-3-Chloropropane	ND		39.3	39.2		ug/Kg	☼	100	30 - 163
1,2-Dibromoethane	ND		39.3	38.1		ug/Kg	☼	97	59 - 137
1,2-Dichlorobenzene	ND		39.3	33.7		ug/Kg	☼	86	76 - 120
1,3-Dichlorobenzene	ND		39.3	33.7		ug/Kg	☼	86	77 - 121
1,4-Dichlorobenzene	ND		39.3	34.4		ug/Kg	☼	88	79 - 120
Dichlorobromomethane	ND		39.3	40.8		ug/Kg	☼	104	75 - 123
Dichlorodifluoromethane	ND	*+	39.3	63.6	F1	ug/Kg	☼	162	26 - 149
1,1-Dichloroethane	ND		39.3	38.8		ug/Kg	☼	99	73 - 124
1,2-Dichloroethane	ND		39.3	48.5		ug/Kg	☼	123	64 - 140
1,1-Dichloroethene	ND		39.3	47.8		ug/Kg	☼	122	55 - 136
1,2-Dichloroethene, Total	ND		78.5	82.1		ug/Kg	☼	105	77 - 119
1,2-Dichloropropane	ND		39.3	34.0		ug/Kg	☼	87	77 - 119
1,4-Dioxane	ND		785	619	J	ug/Kg	☼	79	18 - 166
Ethylbenzene	ND		39.3	35.6		ug/Kg	☼	91	79 - 119
2-Hexanone	ND		39.3	40.4		ug/Kg	☼	103	42 - 152
Isopropylbenzene	ND		39.3	36.4		ug/Kg	☼	93	70 - 125
Methyl acetate	ND		78.5	124		ug/Kg	☼	158	20 - 170
Methylcyclohexane	ND		39.3	39.7		ug/Kg	☼	101	70 - 125
Methylene Chloride	ND		39.3	43.6		ug/Kg	☼	111	67 - 131
4-Methyl-2-pentanone (MIBK)	ND		39.3	37.5		ug/Kg	☼	95	51 - 147
Methyl tert-butyl ether	ND		39.3	43.6		ug/Kg	☼	111	58 - 132
m-Xylene & p-Xylene	ND		39.3	37.9		ug/Kg	☼	97	77 - 120
o-Xylene	ND		39.3	35.8		ug/Kg	☼	91	78 - 118
Styrene	ND		39.3	36.2		ug/Kg	☼	92	80 - 120
1,1,2,2-Tetrachloroethane	ND		39.3	39.8		ug/Kg	☼	101	36 - 170

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154808-18 MS
Matrix: Solid
Analysis Batch: 432752

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 432800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	ND		39.3	39.4		ug/Kg	☼	100	71 - 121
Toluene	ND		39.3	35.6		ug/Kg	☼	91	76 - 120
trans-1,2-Dichloroethene	ND		39.3	42.8		ug/Kg	☼	109	75 - 122
trans-1,3-Dichloropropene	ND		39.3	38.4		ug/Kg	☼	98	68 - 133
1,2,3-Trichlorobenzene	ND		39.3	38.0		ug/Kg	☼	97	29 - 166
1,2,4-Trichlorobenzene	ND		39.3	37.1		ug/Kg	☼	94	22 - 170
1,1,1-Trichloroethane	ND		39.3	44.4		ug/Kg	☼	113	72 - 134
1,1,2-Trichloroethane	ND		39.3	36.7		ug/Kg	☼	93	66 - 128
Trichloroethene	ND		39.3	40.3		ug/Kg	☼	103	69 - 118
Trichlorofluoromethane	ND		39.3	41.4		ug/Kg	☼	105	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		39.3	52.9		ug/Kg	☼	135	59 - 135
Vinyl chloride	ND		39.3	33.2		ug/Kg	☼	84	64 - 134
Xylenes, Total	ND		78.5	73.7		ug/Kg	☼	94	78 - 118

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*
Dibromofluoromethane (Surr)	*109*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*113*		*73 - 135*
Toluene-d8 (Surr)	*101*		*67 - 134*

Lab Sample ID: 180-154808-18 MSD
Matrix: Solid
Analysis Batch: 432752

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 432800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND		42.9	50.4		ug/Kg	☼	117	23 - 170	12	35
Benzene	ND		42.9	38.0		ug/Kg	☼	89	77 - 120	1	20
Bromoform	ND		42.9	41.1		ug/Kg	☼	96	37 - 147	3	23
Bromomethane	ND		42.9	43.3		ug/Kg	☼	101	47 - 149	7	25
2-Butanone (MEK)	ND		42.9	40.3	F2	ug/Kg	☼	94	39 - 157	49	33
Carbon disulfide	ND		42.9	49.5		ug/Kg	☼	116	40 - 156	2	25
Carbon tetrachloride	ND		42.9	45.5		ug/Kg	☼	106	73 - 130	2	21
Chlorobenzene	ND		42.9	36.4		ug/Kg	☼	85	79 - 122	1	20
Chlorobromomethane	ND		42.9	41.0		ug/Kg	☼	96	64 - 128	5	20
Chlorodibromomethane	ND		42.9	40.5		ug/Kg	☼	94	60 - 134	0	40
Chloroethane	ND		42.9	40.4		ug/Kg	☼	94	37 - 159	3	25
Chloroform	ND		42.9	40.4		ug/Kg	☼	94	73 - 126	3	20
Chloromethane	ND		42.9	35.5		ug/Kg	☼	83	46 - 151	5	33
cis-1,2-Dichloroethene	ND		42.9	39.2		ug/Kg	☼	91	77 - 118	0	20
cis-1,3-Dichloropropene	ND		42.9	40.3		ug/Kg	☼	94	73 - 127	3	20
Cyclohexane	ND		42.9	39.8		ug/Kg	☼	93	63 - 143	1	25
1,2-Dibromo-3-Chloropropane	ND		42.9	35.6		ug/Kg	☼	83	30 - 163	10	34
1,2-Dibromoethane	ND		42.9	37.6		ug/Kg	☼	88	59 - 137	1	20
1,2-Dichlorobenzene	ND		42.9	34.5		ug/Kg	☼	81	76 - 120	2	20
1,3-Dichlorobenzene	ND		42.9	36.0		ug/Kg	☼	84	77 - 121	7	20
1,4-Dichlorobenzene	ND		42.9	36.1		ug/Kg	☼	84	79 - 120	5	20
Dichlorobromomethane	ND		42.9	40.5		ug/Kg	☼	94	75 - 123	1	20
Dichlorodifluoromethane	ND	*+	42.9	60.6		ug/Kg	☼	141	26 - 149	5	24

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154808-18 MSD
Matrix: Solid
Analysis Batch: 432752

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 432800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		42.9	38.2		ug/Kg	☼	89	73 - 124	1	20
1,2-Dichloroethane	ND		42.9	48.4		ug/Kg	☼	113	64 - 140	0	20
1,1-Dichloroethene	ND		42.9	46.6		ug/Kg	☼	109	55 - 136	3	21
1,2-Dichloroethene, Total	ND		85.8	82.5		ug/Kg	☼	96	77 - 119	0	20
1,2-Dichloropropane	ND		42.9	34.9		ug/Kg	☼	81	77 - 119	3	20
1,4-Dioxane	ND		858	759	J	ug/Kg	☼	88	18 - 166	20	40
Ethylbenzene	ND		42.9	34.8		ug/Kg	☼	81	79 - 119	2	20
2-Hexanone	ND		42.9	37.2		ug/Kg	☼	87	42 - 152	8	30
Isopropylbenzene	ND		42.9	36.2		ug/Kg	☼	84	70 - 125	0	21
Methyl acetate	ND		85.8	133		ug/Kg	☼	156	20 - 170	7	33
Methylcyclohexane	ND		42.9	39.1		ug/Kg	☼	91	70 - 125	1	22
Methylene Chloride	ND		42.9	44.0		ug/Kg	☼	103	67 - 131	1	32
4-Methyl-2-pentanone (MIBK)	ND		42.9	37.6		ug/Kg	☼	88	51 - 147	0	27
Methyl tert-butyl ether	ND		42.9	42.9		ug/Kg	☼	100	58 - 132	2	24
m-Xylene & p-Xylene	ND		42.9	37.5		ug/Kg	☼	88	77 - 120	1	20
o-Xylene	ND		42.9	35.4		ug/Kg	☼	82	78 - 118	1	20
Styrene	ND		42.9	36.4		ug/Kg	☼	85	80 - 120	1	20
1,1,2,2-Tetrachloroethane	ND		42.9	38.8		ug/Kg	☼	91	36 - 170	2	23
Tetrachloroethene	ND		42.9	39.5		ug/Kg	☼	92	71 - 121	0	21
Toluene	ND		42.9	35.9		ug/Kg	☼	84	76 - 120	1	20
trans-1,2-Dichloroethene	ND		42.9	43.2		ug/Kg	☼	101	75 - 122	1	20
trans-1,3-Dichloropropene	ND		42.9	38.1		ug/Kg	☼	89	68 - 133	1	20
1,2,3-Trichlorobenzene	ND		42.9	38.9		ug/Kg	☼	91	29 - 166	2	40
1,2,4-Trichlorobenzene	ND		42.9	38.0		ug/Kg	☼	89	22 - 170	3	29
1,1,1-Trichloroethane	ND		42.9	43.6		ug/Kg	☼	102	72 - 134	2	20
1,1,2-Trichloroethane	ND		42.9	36.3		ug/Kg	☼	85	66 - 128	1	21
Trichloroethene	ND		42.9	40.6		ug/Kg	☼	95	69 - 118	1	20
Trichlorofluoromethane	ND		42.9	40.3		ug/Kg	☼	94	32 - 149	3	39
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		42.9	48.6		ug/Kg	☼	113	59 - 135	9	28
Vinyl chloride	ND		42.9	34.2		ug/Kg	☼	80	64 - 134	3	23
Xylenes, Total	ND		85.8	72.9		ug/Kg	☼	85	78 - 118	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*60 - 124*
Dibromofluoromethane (Surr)	*105*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*111*		*73 - 135*
Toluene-d8 (Surr)	*97*		*67 - 134*

Lab Sample ID: MB 180-432856/7
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/20/23 11:23	1
Benzene	ND		5.0	1.4	ug/Kg			04/20/23 11:23	1
Bromoform	ND		5.0	2.5	ug/Kg			04/20/23 11:23	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/20/23 11:23	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/20/23 11:23	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-432856/7
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/20/23 11:23	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/20/23 11:23	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/20/23 11:23	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/20/23 11:23	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/20/23 11:23	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/20/23 11:23	1
Chloroform	ND		5.0	1.6	ug/Kg			04/20/23 11:23	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/20/23 11:23	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/20/23 11:23	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/20/23 11:23	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/20/23 11:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/20/23 11:23	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/20/23 11:23	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/20/23 11:23	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/20/23 11:23	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/20/23 11:23	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/20/23 11:23	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/20/23 11:23	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/20/23 11:23	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/20/23 11:23	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/20/23 11:23	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/20/23 11:23	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/20/23 11:23	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/20/23 11:23	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/20/23 11:23	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/20/23 11:23	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/20/23 11:23	1
Methyl acetate	ND		25	7.4	ug/Kg			04/20/23 11:23	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/20/23 11:23	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/20/23 11:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/20/23 11:23	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/20/23 11:23	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/20/23 11:23	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/20/23 11:23	1
Styrene	ND		5.0	1.5	ug/Kg			04/20/23 11:23	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/20/23 11:23	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/20/23 11:23	1
Toluene	ND		5.0	1.4	ug/Kg			04/20/23 11:23	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/20/23 11:23	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/20/23 11:23	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/20/23 11:23	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/20/23 11:23	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/20/23 11:23	1
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/20/23 11:23	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/20/23 11:23	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/20/23 11:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/20/23 11:23	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/20/23 11:23	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/20/23 11:23	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		60 - 124		04/20/23 11:23	1
Dibromofluoromethane (Surr)	112		69 - 126		04/20/23 11:23	1
1,2-Dichloroethane-d4 (Surr)	129		73 - 135		04/20/23 11:23	1
Toluene-d8 (Surr)	93		67 - 134		04/20/23 11:23	1

Lab Sample ID: LCS 180-432856/3
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	53.7		ug/Kg		134	23 - 170
Benzene	40.0	35.1		ug/Kg		88	77 - 120
Bromoform	40.0	40.5		ug/Kg		101	37 - 147
Bromomethane	40.0	38.0		ug/Kg		95	47 - 149
2-Butanone (MEK)	40.0	43.6		ug/Kg		109	39 - 157
Carbon disulfide	40.0	46.3		ug/Kg		116	40 - 156
Carbon tetrachloride	40.0	42.7		ug/Kg		107	73 - 130
Chlorobenzene	40.0	33.0		ug/Kg		82	79 - 122
Chlorobromomethane	40.0	40.2		ug/Kg		100	64 - 128
Chlorodibromomethane	40.0	38.7		ug/Kg		97	60 - 134
Chloroethane	40.0	35.0		ug/Kg		87	37 - 159
Chloroform	40.0	37.3		ug/Kg		93	73 - 126
Chloromethane	40.0	30.4		ug/Kg		76	46 - 151
cis-1,2-Dichloroethene	40.0	36.8		ug/Kg		92	77 - 118
cis-1,3-Dichloropropene	40.0	38.0		ug/Kg		95	73 - 127
Cyclohexane	40.0	36.7		ug/Kg		92	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	37.6		ug/Kg		94	30 - 163
1,2-Dibromoethane	40.0	37.1		ug/Kg		93	59 - 137
1,2-Dichlorobenzene	40.0	32.9		ug/Kg		82	76 - 120
1,3-Dichlorobenzene	40.0	32.9		ug/Kg		82	77 - 121
1,4-Dichlorobenzene	40.0	33.5		ug/Kg		84	79 - 120
Dichlorobromomethane	40.0	37.3		ug/Kg		93	75 - 123
Dichlorodifluoromethane	40.0	56.7		ug/Kg		142	26 - 149
1,1-Dichloroethane	40.0	36.5		ug/Kg		91	73 - 124
1,2-Dichloroethane	40.0	47.8		ug/Kg		119	64 - 140
1,1-Dichloroethene	40.0	43.9		ug/Kg		110	55 - 136
1,2-Dichloroethene, Total	80.0	75.3		ug/Kg		94	77 - 119
1,2-Dichloropropane	40.0	33.0		ug/Kg		82	77 - 119
1,4-Dioxane	800	606	J	ug/Kg		76	18 - 166
Ethylbenzene	40.0	32.4		ug/Kg		81	79 - 119
2-Hexanone	40.0	41.5		ug/Kg		104	42 - 152
Isopropylbenzene	40.0	32.9		ug/Kg		82	70 - 125
Methyl acetate	80.0	126		ug/Kg		157	20 - 170
Methylcyclohexane	40.0	35.7		ug/Kg		89	70 - 125
Methylene Chloride	40.0	39.2		ug/Kg		98	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	37.6		ug/Kg		94	51 - 147
Methyl tert-butyl ether	40.0	40.3		ug/Kg		101	58 - 132
m-Xylene & p-Xylene	40.0	34.1		ug/Kg		85	77 - 120
o-Xylene	40.0	32.2		ug/Kg		81	78 - 118
Styrene	40.0	33.4		ug/Kg		83	80 - 120
1,1,2,2-Tetrachloroethane	40.0	37.6		ug/Kg		94	36 - 170

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432856/3
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	40.0	36.1		ug/Kg		90	71 - 121
Toluene	40.0	32.2		ug/Kg		81	76 - 120
trans-1,2-Dichloroethene	40.0	38.4		ug/Kg		96	75 - 122
trans-1,3-Dichloropropene	40.0	36.0		ug/Kg		90	68 - 133
1,2,3-Trichlorobenzene	40.0	35.9		ug/Kg		90	29 - 166
1,2,4-Trichlorobenzene	40.0	35.3		ug/Kg		88	22 - 170
1,1,1-Trichloroethane	40.0	40.3		ug/Kg		101	72 - 134
1,1,2-Trichloroethane	40.0	34.4		ug/Kg		86	66 - 128
Trichloroethene	40.0	37.0		ug/Kg		93	69 - 118
Trichlorofluoromethane	40.0	36.2		ug/Kg		91	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	43.0		ug/Kg		108	59 - 135
Vinyl chloride	40.0	29.7		ug/Kg		74	64 - 134
Xylenes, Total	80.0	66.3		ug/Kg		83	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 135*
Toluene-d8 (Surr)	*91*		*67 - 134*

Lab Sample ID: LCSD 180-432856/4
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	40.0	56.5		ug/Kg		141	23 - 170	5	35
Benzene	40.0	37.2		ug/Kg		93	77 - 120	6	20
Bromoform	40.0	42.7		ug/Kg		107	37 - 147	5	23
Bromomethane	40.0	40.5		ug/Kg		101	47 - 149	6	25
2-Butanone (MEK)	40.0	40.7		ug/Kg		102	39 - 157	7	33
Carbon disulfide	40.0	49.8		ug/Kg		125	40 - 156	7	25
Carbon tetrachloride	40.0	45.7		ug/Kg		114	73 - 130	7	21
Chlorobenzene	40.0	35.7		ug/Kg		89	79 - 122	8	20
Chlorobromomethane	40.0	42.7		ug/Kg		107	64 - 128	6	20
Chlorodibromomethane	40.0	40.2		ug/Kg		100	60 - 134	4	40
Chloroethane	40.0	36.7		ug/Kg		92	37 - 159	5	25
Chloroform	40.0	40.0		ug/Kg		100	73 - 126	7	20
Chloromethane	40.0	35.3		ug/Kg		88	46 - 151	15	33
cis-1,2-Dichloroethene	40.0	38.8		ug/Kg		97	77 - 118	5	20
cis-1,3-Dichloropropene	40.0	39.9		ug/Kg		100	73 - 127	5	20
Cyclohexane	40.0	40.4		ug/Kg		101	63 - 143	10	25
1,2-Dibromo-3-Chloropropane	40.0	39.2		ug/Kg		98	30 - 163	4	34
1,2-Dibromoethane	40.0	39.5		ug/Kg		99	59 - 137	6	20
1,2-Dichlorobenzene	40.0	34.6		ug/Kg		87	76 - 120	5	20
1,3-Dichlorobenzene	40.0	35.6		ug/Kg		89	77 - 121	8	20
1,4-Dichlorobenzene	40.0	35.6		ug/Kg		89	79 - 120	6	20
Dichlorobromomethane	40.0	39.4		ug/Kg		99	75 - 123	6	20
Dichlorodifluoromethane	40.0	60.1	*+	ug/Kg		150	26 - 149	6	24

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 180-432856/4
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane			40.0	39.3		ug/Kg		98	73 - 124	7	20
1,2-Dichloroethane			40.0	48.3		ug/Kg		121	64 - 140	1	20
1,1-Dichloroethene			40.0	46.4		ug/Kg		116	55 - 136	6	21
1,2-Dichloroethene, Total			80.0	80.7		ug/Kg		101	77 - 119	7	20
1,2-Dichloropropane			40.0	34.4		ug/Kg		86	77 - 119	4	20
1,4-Dioxane			800	736	J	ug/Kg		92	18 - 166	20	40
Ethylbenzene			40.0	34.5		ug/Kg		86	79 - 119	6	20
2-Hexanone			40.0	43.5		ug/Kg		109	42 - 152	5	30
Isopropylbenzene			40.0	35.9		ug/Kg		90	70 - 125	9	21
Methyl acetate			80.0	138	*+	ug/Kg		172	20 - 170	9	33
Methylcyclohexane			40.0	39.5		ug/Kg		99	70 - 125	10	22
Methylene Chloride			40.0	40.2		ug/Kg		100	67 - 131	3	32
4-Methyl-2-pentanone (MIBK)			40.0	40.6		ug/Kg		102	51 - 147	8	27
Methyl tert-butyl ether			40.0	43.9		ug/Kg		110	58 - 132	9	24
m-Xylene & p-Xylene			40.0	36.4		ug/Kg		91	77 - 120	7	20
o-Xylene			40.0	35.3		ug/Kg		88	78 - 118	9	20
Styrene			40.0	35.4		ug/Kg		88	80 - 120	6	20
1,1,2,2-Tetrachloroethane			40.0	40.4		ug/Kg		101	36 - 170	7	23
Tetrachloroethene			40.0	39.8		ug/Kg		100	71 - 121	10	21
Toluene			40.0	34.7		ug/Kg		87	76 - 120	7	20
trans-1,2-Dichloroethene			40.0	41.9		ug/Kg		105	75 - 122	9	20
trans-1,3-Dichloropropene			40.0	38.5		ug/Kg		96	68 - 133	7	20
1,2,3-Trichlorobenzene			40.0	38.7		ug/Kg		97	29 - 166	8	40
1,2,4-Trichlorobenzene			40.0	38.9		ug/Kg		97	22 - 170	10	29
1,1,1-Trichloroethane			40.0	43.9		ug/Kg		110	72 - 134	9	20
1,1,2-Trichloroethane			40.0	37.5		ug/Kg		94	66 - 128	8	21
Trichloroethene			40.0	39.4		ug/Kg		99	69 - 118	6	20
Trichlorofluoromethane			40.0	38.8		ug/Kg		97	32 - 149	7	39
1,1,2-Trichloro-1,2,2-trifluoroethane			40.0	45.8		ug/Kg		114	59 - 135	6	28
Vinyl chloride			40.0	33.4		ug/Kg		83	64 - 134	12	23
Xylenes, Total			80.0	71.7		ug/Kg		90	78 - 118	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*
Dibromofluoromethane (Surr)	*105*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*113*		*73 - 135*
Toluene-d8 (Surr)	*96*		*67 - 134*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-432388/1-A
Matrix: Solid
Analysis Batch: 432402

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Acenaphthylene	ND		67	15	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Acetophenone	ND		670	120	ug/Kg		04/14/23 16:35	04/15/23 10:52	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432388/1-A
Matrix: Solid
Analysis Batch: 432402

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		67	17	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Atrazine	ND		670	150	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Benzaldehyde	ND		670	41	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Benzo[a]anthracene	ND		67	30	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Benzo[a]pyrene	ND		67	29	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
1,1'-Biphenyl	ND		330	120	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Bis(2-chloroethyl)ether	ND		67	12	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Butyl benzyl phthalate	ND		330	230	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Caprolactam	ND		1700	220	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Carbazole	ND		67	16	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
4-Chloroaniline	ND		330	88	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2-Chloronaphthalene	ND		67	15	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2-Chlorophenol	ND		330	120	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Chrysene	ND		67	37	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Dibenzofuran	ND		330	120	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2,4-Dichlorophenol	ND		67	26	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Diethyl phthalate	ND		330	120	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Dimethyl phthalate	ND		330	130	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Di-n-butyl phthalate	ND		330	150	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
1,4-Dioxane	ND		670	100	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Fluoranthene	ND		67	18	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Fluorene	ND		67	13	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Hexachlorobenzene	ND		67	24	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Hexachlorobutadiene	ND		67	20	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Hexachlorocyclopentadiene	ND		330	34	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Hexachloroethane	ND		330	120	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Isophorone	ND		330	130	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2-Methylnaphthalene	ND		67	16	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2-Methylphenol	ND		330	96	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Naphthalene	ND		67	13	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2-Nitroaniline	ND		1700	150	ug/Kg		04/14/23 16:35	04/15/23 10:52	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432388/1-A
Matrix: Solid
Analysis Batch: 432402

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		1700	85	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
4-Nitroaniline	ND		1700	120	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Nitrobenzene	ND		670	120	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2-Nitrophenol	ND		330	120	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
4-Nitrophenol	ND		1700	230	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Pentachlorophenol	ND		1700	540	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Phenanthrene	ND		67	18	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Phenol	ND		330	100	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
Pyrene	ND		67	16	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		04/14/23 16:35	04/15/23 10:52	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		04/14/23 16:35	04/15/23 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/14/23 16:35*	*04/15/23 10:52*	*1*
2-Fluorophenol (Surr)	*56*		*48 - 105*	*04/14/23 16:35*	*04/15/23 10:52*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*	*04/14/23 16:35*	*04/15/23 10:52*	*1*
Phenol-d5 (Surr)	*61*		*46 - 105*	*04/14/23 16:35*	*04/15/23 10:52*	*1*
Terphenyl-d14 (Surr)	*73*		*39 - 105*	*04/14/23 16:35*	*04/15/23 10:52*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*34 - 108*	*04/14/23 16:35*	*04/15/23 10:52*	*1*

Lab Sample ID: LCS 180-432388/2-A
Matrix: Solid
Analysis Batch: 432494

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432388

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	5450		ug/Kg		82	50 - 100
Acenaphthylene	6670	5530		ug/Kg		83	52 - 100
Acetophenone	6670	5150		ug/Kg		77	48 - 100
Anthracene	6670	5360		ug/Kg		80	53 - 100
Atrazine	6670	5550		ug/Kg		83	49 - 103
Benzaldehyde	6670	4410		ug/Kg		66	23 - 105
Benzo[a]anthracene	6670	5510		ug/Kg		83	51 - 100
Benzo[a]pyrene	6670	5500		ug/Kg		83	51 - 100
Benzo[b]fluoranthene	6670	5350		ug/Kg		80	48 - 100
Benzo[g,h,i]perylene	6670	5300		ug/Kg		79	48 - 105
Benzo[k]fluoranthene	6670	5080		ug/Kg		76	19 - 100
1,1'-Biphenyl	6670	5450		ug/Kg		82	50 - 100
Bis(2-chloroethoxy)methane	6670	4730		ug/Kg		71	49 - 100
Bis(2-chloroethyl)ether	6670	5400		ug/Kg		81	48 - 100
Bis(2-ethylhexyl) phthalate	6670	5500		ug/Kg		83	53 - 107
4-Bromophenyl phenyl ether	6670	5740		ug/Kg		86	52 - 101
Butyl benzyl phthalate	6670	5880		ug/Kg		88	52 - 107
Caprolactam	6670	6460		ug/Kg		97	48 - 111

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432388/2-A
Matrix: Solid
Analysis Batch: 432494

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432388

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbazole	6670	5170		ug/Kg		77	53 - 100
4-Chloroaniline	6670	5320		ug/Kg		80	47 - 100
4-Chloro-3-methylphenol	6670	6020		ug/Kg		90	49 - 106
2-Chloronaphthalene	6670	5000		ug/Kg		75	51 - 100
2-Chlorophenol	6670	5170		ug/Kg		78	51 - 100
4-Chlorophenyl phenyl ether	6670	5610		ug/Kg		84	52 - 100
Chrysene	6670	5060		ug/Kg		76	50 - 100
Dibenz(a,h)anthracene	6670	5440		ug/Kg		82	50 - 107
Dibenzofuran	6670	5240		ug/Kg		79	52 - 100
3,3'-Dichlorobenzidine	6670	5190		ug/Kg		78	43 - 100
2,4-Dichlorophenol	6670	5910		ug/Kg		89	53 - 101
Diethyl phthalate	6670	5110		ug/Kg		77	48 - 104
2,4-Dimethylphenol	6670	5680		ug/Kg		85	51 - 101
Dimethyl phthalate	6670	5580		ug/Kg		84	53 - 100
Di-n-butyl phthalate	6670	5520		ug/Kg		83	57 - 102
4,6-Dinitro-2-methylphenol	13300	13700	*+	ug/Kg		103	51 - 100
2,4-Dinitrophenol	13300	13000		ug/Kg		98	33 - 101
2,4-Dinitrotoluene	6670	6040		ug/Kg		91	54 - 104
2,6-Dinitrotoluene	6670	5810		ug/Kg		87	51 - 106
Di-n-octyl phthalate	6670	5750		ug/Kg		86	41 - 106
1,4-Dioxane	6670	5370		ug/Kg		81	25 - 125
Fluoranthene	6670	5570		ug/Kg		84	55 - 100
Fluorene	6670	5280		ug/Kg		79	52 - 100
Hexachlorobenzene	6670	5330		ug/Kg		80	49 - 100
Hexachlorobutadiene	6670	5390		ug/Kg		81	38 - 107
Hexachlorocyclopentadiene	6670	5920		ug/Kg		89	33 - 117
Hexachloroethane	6670	5090		ug/Kg		76	47 - 100
Indeno[1,2,3-cd]pyrene	6670	5370		ug/Kg		80	51 - 103
Isophorone	6670	6240		ug/Kg		94	48 - 105
2-Methylnaphthalene	6670	5340		ug/Kg		80	53 - 100
2-Methylphenol	6670	5410		ug/Kg		81	50 - 101
Methylphenol, 3 & 4	6670	5630		ug/Kg		84	50 - 103
Naphthalene	6670	5160		ug/Kg		77	51 - 100
2-Nitroaniline	6670	6320		ug/Kg		95	42 - 123
3-Nitroaniline	6670	5820		ug/Kg		87	50 - 103
4-Nitroaniline	6670	5400		ug/Kg		81	52 - 103
Nitrobenzene	6670	6040		ug/Kg		91	44 - 108
2-Nitrophenol	6670	6290		ug/Kg		94	55 - 107
4-Nitrophenol	13300	10300		ug/Kg		77	30 - 134
N-Nitrosodi-n-propylamine	6670	5970		ug/Kg		90	45 - 107
N-Nitrosodiphenylamine	6670	5860		ug/Kg		88	52 - 100
2,2'-oxybis[1-chloropropane]	6670	5410		ug/Kg		81	30 - 113
Pentachlorophenol	13300	11100		ug/Kg		83	42 - 110
Phenanthrene	6670	5070		ug/Kg		76	53 - 100
Phenol	6670	5580		ug/Kg		84	49 - 100
Pyrene	6670	5830		ug/Kg		87	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	5640		ug/Kg		85	41 - 104
2,3,4,6-Tetrachlorophenol	6670	5760		ug/Kg		86	47 - 104
2,4,5-Trichlorophenol	6670	5740		ug/Kg		86	50 - 104

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432388/2-A
Matrix: Solid
Analysis Batch: 432494

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432388

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4,6-Trichlorophenol			6670	6350		ug/Kg		95	50 - 105		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*75*		*44 - 105*
2-Fluorophenol (Surr)	*80*		*48 - 105*
Nitrobenzene-d5 (Surr)	*89*		*46 - 105*
Phenol-d5 (Surr)	*85*		*46 - 105*
Terphenyl-d14 (Surr)	*85*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*

Lab Sample ID: 180-154808-18 MS
Matrix: Solid
Analysis Batch: 432402

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 432388

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene	ND		7100	6010		ug/Kg	☼	85	50 - 100		
Acenaphthylene	ND		7100	6020		ug/Kg	☼	85	52 - 100		
Acetophenone	ND		7100	5530		ug/Kg	☼	78	48 - 100		
Anthracene	ND		7100	5660		ug/Kg	☼	80	53 - 100		
Atrazine	ND		7100	5200		ug/Kg	☼	73	49 - 103		
Benzaldehyde	ND	F1	7100	452	J F1	ug/Kg	☼	6	23 - 105		
Benzo[a]anthracene	ND		7100	5780		ug/Kg	☼	81	51 - 100		
Benzo[a]pyrene	ND		7100	5810		ug/Kg	☼	82	51 - 100		
Benzo[b]fluoranthene	51	J	7100	6000		ug/Kg	☼	84	48 - 100		
Benzo[g,h,i]perylene	ND		7100	6040		ug/Kg	☼	85	48 - 105		
Benzo[k]fluoranthene	ND		7100	5810		ug/Kg	☼	82	19 - 100		
1,1'-Biphenyl	ND		7100	6110		ug/Kg	☼	86	50 - 100		
Bis(2-chloroethoxy)methane	ND		7100	5320		ug/Kg	☼	75	49 - 100		
Bis(2-chloroethyl)ether	ND		7100	5180		ug/Kg	☼	73	48 - 100		
Bis(2-ethylhexyl) phthalate	ND		7100	5850		ug/Kg	☼	82	53 - 107		
4-Bromophenyl phenyl ether	ND		7100	6220		ug/Kg	☼	88	52 - 101		
Butyl benzyl phthalate	ND		7100	6280		ug/Kg	☼	88	52 - 107		
Caprolactam	ND		7100	4740		ug/Kg	☼	67	48 - 111		
Carbazole	ND		7100	5390		ug/Kg	☼	76	53 - 100		
4-Chloroaniline	ND		7100	4100		ug/Kg	☼	58	47 - 100		
4-Chloro-3-methylphenol	ND		7100	5860		ug/Kg	☼	83	49 - 106		
2-Chloronaphthalene	ND		7100	6020		ug/Kg	☼	85	51 - 100		
2-Chlorophenol	ND		7100	5240		ug/Kg	☼	74	51 - 100		
4-Chlorophenyl phenyl ether	ND		7100	6020		ug/Kg	☼	85	52 - 100		
Chrysene	41	J	7100	5740		ug/Kg	☼	80	50 - 100		
Dibenz(a,h)anthracene	ND		7100	6230		ug/Kg	☼	88	50 - 107		
Dibenzofuran	ND		7100	5730		ug/Kg	☼	81	52 - 100		
3,3'-Dichlorobenzidine	ND		7100	4500		ug/Kg	☼	63	43 - 100		
2,4-Dichlorophenol	ND		7100	5560		ug/Kg	☼	78	53 - 101		
Diethyl phthalate	ND		7100	5090		ug/Kg	☼	72	48 - 104		
2,4-Dimethylphenol	ND		7100	4950		ug/Kg	☼	70	51 - 101		
Dimethyl phthalate	ND		7100	5530		ug/Kg	☼	78	53 - 100		
Di-n-butyl phthalate	ND		7100	5120		ug/Kg	☼	72	57 - 102		

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154808-18 MS
Matrix: Solid
Analysis Batch: 432402

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 432388

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	ND	*+	14200	11700		ug/Kg	☼	82	51 - 100
2,4-Dinitrophenol	ND		14200	7460		ug/Kg	☼	53	33 - 101
2,4-Dinitrotoluene	ND		7100	5770		ug/Kg	☼	81	54 - 104
2,6-Dinitrotoluene	ND		7100	5840		ug/Kg	☼	82	51 - 106
Di-n-octyl phthalate	ND		7100	5680		ug/Kg	☼	80	41 - 106
1,4-Dioxane	ND		7100	4140		ug/Kg	☼	58	25 - 125
Fluoranthene	37	J	7100	5200		ug/Kg	☼	73	55 - 100
Fluorene	ND		7100	5600		ug/Kg	☼	79	52 - 100
Hexachlorobenzene	ND		7100	5430		ug/Kg	☼	76	49 - 100
Hexachlorobutadiene	ND		7100	5570		ug/Kg	☼	78	38 - 107
Hexachlorocyclopentadiene	ND		7100	5640		ug/Kg	☼	79	33 - 117
Hexachloroethane	ND		7100	5380		ug/Kg	☼	76	47 - 100
Indeno[1,2,3-cd]pyrene	ND		7100	6140		ug/Kg	☼	87	51 - 103
Isophorone	ND		7100	5950		ug/Kg	☼	84	48 - 105
2-Methylnaphthalene	ND		7100	5960		ug/Kg	☼	84	53 - 100
2-Methylphenol	ND		7100	5820		ug/Kg	☼	82	50 - 101
Methylphenol, 3 & 4	ND		7100	5940		ug/Kg	☼	84	50 - 103
Naphthalene	ND		7100	5850		ug/Kg	☼	82	51 - 100
2-Nitroaniline	ND		7100	5670		ug/Kg	☼	80	42 - 123
3-Nitroaniline	ND		7100	5140		ug/Kg	☼	72	50 - 103
4-Nitroaniline	ND		7100	4890		ug/Kg	☼	69	52 - 103
Nitrobenzene	ND		7100	5640		ug/Kg	☼	79	44 - 108
2-Nitrophenol	ND		7100	5960		ug/Kg	☼	84	55 - 107
4-Nitrophenol	ND		14200	7760		ug/Kg	☼	55	30 - 134
N-Nitrosodi-n-propylamine	ND		7100	6800		ug/Kg	☼	96	45 - 107
N-Nitrosodiphenylamine	ND		7100	6340		ug/Kg	☼	89	52 - 100
2,2'-oxybis[1-chloropropane]	ND		7100	6160		ug/Kg	☼	87	30 - 113
Pentachlorophenol	ND		14200	9750		ug/Kg	☼	69	42 - 110
Phenanthrene	ND		7100	5550		ug/Kg	☼	78	53 - 100
Phenol	ND		7100	5390		ug/Kg	☼	76	49 - 100
Pyrene	45	J	7100	7070		ug/Kg	☼	99	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		7100	5800		ug/Kg	☼	82	41 - 104
2,3,4,6-Tetrachlorophenol	ND		7100	5360		ug/Kg	☼	75	47 - 104
2,4,5-Trichlorophenol	ND		7100	5820		ug/Kg	☼	82	50 - 104
2,4,6-Trichlorophenol	ND		7100	5960		ug/Kg	☼	84	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*86*		*44 - 105*
2-Fluorophenol (Surr)	*67*		*48 - 105*
Nitrobenzene-d5 (Surr)	*80*		*46 - 105*
Phenol-d5 (Surr)	*76*		*46 - 105*
Terphenyl-d14 (Surr)	*92*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*76*		*34 - 108*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154808-18 MSD
Matrix: Solid
Analysis Batch: 432402

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 432388

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		7100	5840		ug/Kg	☼	82	50 - 100	3	20
Acenaphthylene	ND		7100	5790		ug/Kg	☼	82	52 - 100	4	20
Acetophenone	ND		7100	5120		ug/Kg	☼	72	48 - 100	8	17
Anthracene	ND		7100	5560		ug/Kg	☼	78	53 - 100	2	20
Atrazine	ND		7100	5110		ug/Kg	☼	72	49 - 103	2	19
Benzaldehyde	ND	F1	7100	457	J F1	ug/Kg	☼	6	23 - 105	1	31
Benzo[a]anthracene	ND		7100	5520		ug/Kg	☼	78	51 - 100	5	21
Benzo[a]pyrene	ND		7100	5480		ug/Kg	☼	77	51 - 100	6	20
Benzo[b]fluoranthene	51	J	7100	5770		ug/Kg	☼	81	48 - 100	4	20
Benzo[g,h,i]perylene	ND		7100	5680		ug/Kg	☼	80	48 - 105	6	19
Benzo[k]fluoranthene	ND		7100	5750		ug/Kg	☼	81	19 - 100	1	20
1,1'-Biphenyl	ND		7100	5760		ug/Kg	☼	81	50 - 100	6	19
Bis(2-chloroethoxy)methane	ND		7100	5080		ug/Kg	☼	71	49 - 100	5	20
Bis(2-chloroethyl)ether	ND		7100	4990		ug/Kg	☼	70	48 - 100	4	18
Bis(2-ethylhexyl) phthalate	ND		7100	5490		ug/Kg	☼	77	53 - 107	6	20
4-Bromophenyl phenyl ether	ND		7100	5860		ug/Kg	☼	83	52 - 101	6	20
Butyl benzyl phthalate	ND		7100	5870		ug/Kg	☼	83	52 - 107	7	19
Caprolactam	ND		7100	4880		ug/Kg	☼	69	48 - 111	3	23
Carbazole	ND		7100	5420		ug/Kg	☼	76	53 - 100	1	20
4-Chloroaniline	ND		7100	4150		ug/Kg	☼	58	47 - 100	1	20
4-Chloro-3-methylphenol	ND		7100	5710		ug/Kg	☼	80	49 - 106	3	20
2-Chloronaphthalene	ND		7100	5570		ug/Kg	☼	78	51 - 100	8	20
2-Chlorophenol	ND		7100	4980		ug/Kg	☼	70	51 - 100	5	17
4-Chlorophenyl phenyl ether	ND		7100	5890		ug/Kg	☼	83	52 - 100	2	19
Chrysene	41	J	7100	5490		ug/Kg	☼	77	50 - 100	5	20
Dibenz(a,h)anthracene	ND		7100	5910		ug/Kg	☼	83	50 - 107	5	21
Dibenzofuran	ND		7100	5450		ug/Kg	☼	77	52 - 100	5	19
3,3'-Dichlorobenzidine	ND		7100	4370		ug/Kg	☼	62	43 - 100	3	19
2,4-Dichlorophenol	ND		7100	5220		ug/Kg	☼	74	53 - 101	6	22
Diethyl phthalate	ND		7100	4960		ug/Kg	☼	70	48 - 104	3	20
2,4-Dimethylphenol	ND		7100	4710		ug/Kg	☼	66	51 - 101	5	32
Dimethyl phthalate	ND		7100	5380		ug/Kg	☼	76	53 - 100	3	21
Di-n-butyl phthalate	ND		7100	4980		ug/Kg	☼	70	57 - 102	3	20
4,6-Dinitro-2-methylphenol	ND	*+	14200	11800		ug/Kg	☼	83	51 - 100	1	22
2,4-Dinitrophenol	ND		14200	7500		ug/Kg	☼	53	33 - 101	0	20
2,4-Dinitrotoluene	ND		7100	5660		ug/Kg	☼	80	54 - 104	2	20
2,6-Dinitrotoluene	ND		7100	5660		ug/Kg	☼	80	51 - 106	3	20
Di-n-octyl phthalate	ND		7100	5300		ug/Kg	☼	75	41 - 106	7	18
1,4-Dioxane	ND		7100	3830		ug/Kg	☼	54	25 - 125	8	17
Fluoranthene	37	J	7100	5280		ug/Kg	☼	74	55 - 100	2	20
Fluorene	ND		7100	5480		ug/Kg	☼	77	52 - 100	2	19
Hexachlorobenzene	ND		7100	5130		ug/Kg	☼	72	49 - 100	6	20
Hexachlorobutadiene	ND		7100	5140		ug/Kg	☼	72	38 - 107	8	22
Hexachlorocyclopentadiene	ND		7100	5250		ug/Kg	☼	74	33 - 117	7	19
Hexachloroethane	ND		7100	4880		ug/Kg	☼	69	47 - 100	10	17
Indeno[1,2,3-cd]pyrene	ND		7100	5840		ug/Kg	☼	82	51 - 103	5	19
Isophorone	ND		7100	5490		ug/Kg	☼	77	48 - 105	8	20
2-Methylnaphthalene	ND		7100	5780		ug/Kg	☼	81	53 - 100	3	21

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154808-18 MSD
Matrix: Solid
Analysis Batch: 432402

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 432388

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylphenol	ND		7100	5540		ug/Kg	☼	78	50 - 101	5	17
Methylphenol, 3 & 4	ND		7100	5560		ug/Kg	☼	78	50 - 103	7	19
Naphthalene	ND		7100	5530		ug/Kg	☼	78	51 - 100	6	20
2-Nitroaniline	ND		7100	5330		ug/Kg	☼	75	42 - 123	6	19
3-Nitroaniline	ND		7100	5230		ug/Kg	☼	74	50 - 103	2	20
4-Nitroaniline	ND		7100	5060		ug/Kg	☼	71	52 - 103	3	18
Nitrobenzene	ND		7100	5550		ug/Kg	☼	78	44 - 108	2	21
2-Nitrophenol	ND		7100	5600		ug/Kg	☼	79	55 - 107	6	19
4-Nitrophenol	ND		14200	8170		ug/Kg	☼	58	30 - 134	5	18
N-Nitrosodi-n-propylamine	ND		7100	6210		ug/Kg	☼	87	45 - 107	9	18
N-Nitrosodiphenylamine	ND		7100	5940		ug/Kg	☼	84	52 - 100	6	20
2,2'-oxybis[1-chloropropane]	ND		7100	5770		ug/Kg	☼	81	30 - 113	6	17
Pentachlorophenol	ND		14200	9680		ug/Kg	☼	68	42 - 110	1	20
Phenanthrene	ND		7100	5400		ug/Kg	☼	76	53 - 100	3	20
Phenol	ND		7100	5030		ug/Kg	☼	71	49 - 100	7	16
Pyrene	45	J	7100	6430		ug/Kg	☼	90	52 - 100	9	20
1,2,4,5-Tetrachlorobenzene	ND		7100	5600		ug/Kg	☼	79	41 - 104	3	21
2,3,4,6-Tetrachlorophenol	ND		7100	5140		ug/Kg	☼	72	47 - 104	4	18
2,4,5-Trichlorophenol	ND		7100	5680		ug/Kg	☼	80	50 - 104	2	21
2,4,6-Trichlorophenol	ND		7100	5670		ug/Kg	☼	80	50 - 105	5	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*79*		*44 - 105*
2-Fluorophenol (Surr)	*64*		*48 - 105*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*
Phenol-d5 (Surr)	*69*		*46 - 105*
Terphenyl-d14 (Surr)	*87*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*70*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-432210/1-C
Matrix: Solid
Analysis Batch: 432577

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432210

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		04/13/23 10:28	04/18/23 15:41	1
PCB-1221	ND		17	5.9	ug/Kg		04/13/23 10:28	04/18/23 15:41	1
PCB-1232	ND		17	4.1	ug/Kg		04/13/23 10:28	04/18/23 15:41	1
PCB-1242	ND		17	2.4	ug/Kg		04/13/23 10:28	04/18/23 15:41	1
PCB-1248	ND		17	4.0	ug/Kg		04/13/23 10:28	04/18/23 15:41	1
PCB-1254	ND		17	5.0	ug/Kg		04/13/23 10:28	04/18/23 15:41	1
PCB-1260	ND		17	4.7	ug/Kg		04/13/23 10:28	04/18/23 15:41	1
PCB-1262	ND		17	5.9	ug/Kg		04/13/23 10:28	04/18/23 15:41	1
PCB-1268	ND		17	2.2	ug/Kg		04/13/23 10:28	04/18/23 15:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*144*	*S1+*	*63 - 138*	*04/13/23 10:28*	*04/18/23 15:41*	*1*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 180-432210/1-C
Matrix: Solid
Analysis Batch: 432577

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432210

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	128		63 - 138	04/13/23 10:28	04/18/23 15:41	1
Tetrachloro-m-xylene (Surr)	135		55 - 135	04/13/23 10:28	04/18/23 15:41	1
Tetrachloro-m-xylene (Surr)	137	S1+	55 - 135	04/13/23 10:28	04/18/23 15:41	1

Lab Sample ID: LCS 180-432210/2-C
Matrix: Solid
Analysis Batch: 432577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432210

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1810		ug/Kg		136	43 - 136		
PCB-1260			1330	1500		ug/Kg		113	55 - 128		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	118		63 - 138
DCB Decachlorobiphenyl (Surr)	112		63 - 138
Tetrachloro-m-xylene (Surr)	131		55 - 135
Tetrachloro-m-xylene (Surr)	134		55 - 135

Lab Sample ID: 180-154808-18 MS
Matrix: Solid
Analysis Batch: 432577

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 432210

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1410	1780		ug/Kg	☼	126	43 - 136		
PCB-1260	ND		1410	1740		ug/Kg	☼	123	55 - 128		

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	104		63 - 138
DCB Decachlorobiphenyl (Surr)	99		63 - 138
Tetrachloro-m-xylene (Surr)	116		55 - 135
Tetrachloro-m-xylene (Surr)	120		55 - 135

Lab Sample ID: 180-154808-18 MSD
Matrix: Solid
Analysis Batch: 432577

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 432210

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1380	1710		ug/Kg	☼	124	43 - 136	4	40
PCB-1260	ND		1380	1660		ug/Kg	☼	120	55 - 128	5	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	106		63 - 138
DCB Decachlorobiphenyl (Surr)	100		63 - 138
Tetrachloro-m-xylene (Surr)	116		55 - 135
Tetrachloro-m-xylene (Surr)	120		55 - 135

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-432225/1-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Antimony	ND		1.0	0.30	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Arsenic	ND		1.0	0.63	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Barium	ND		20	3.6	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Beryllium	ND		0.40	0.11	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Cadmium	ND		0.50	0.073	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Calcium	ND		500	65	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Chromium	ND		0.50	0.46	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Cobalt	ND		5.0	0.70	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Copper	ND		2.5	1.5	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Iron	ND		10	9.7	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Lead	ND		1.0	0.87	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Magnesium	ND		500	55	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Manganese	ND		1.5	0.28	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Nickel	ND		4.0	0.50	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Potassium	114	J	500	85	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Selenium	ND		1.0	0.46	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Silver	ND		0.50	0.10	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Sodium	ND		500	51	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Thallium	ND		2.0	0.28	mg/Kg		04/13/23 11:18	04/25/23 23:28	1
Vanadium	ND		5.0	0.79	mg/Kg		04/13/23 11:18	04/25/23 23:28	1

Lab Sample ID: LCS 180-432225/2-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	449		mg/Kg		90	80 - 120
Antimony	25.0	27.5		mg/Kg		110	80 - 120
Arsenic	100	92.9		mg/Kg		93	80 - 120
Barium	100	91.6		mg/Kg		92	80 - 120
Beryllium	50.0	44.2		mg/Kg		88	80 - 120
Cadmium	50.0	44.2		mg/Kg		88	80 - 120
Calcium	2500	2210		mg/Kg		88	80 - 120
Chromium	50.0	42.6		mg/Kg		85	80 - 120
Cobalt	50.0	44.3		mg/Kg		89	80 - 120
Copper	50.0	42.3		mg/Kg		85	80 - 120
Iron	500	438		mg/Kg		88	80 - 120
Lead	50.0	43.2		mg/Kg		86	80 - 120
Magnesium	2500	2160		mg/Kg		86	80 - 120
Manganese	50.0	41.8		mg/Kg		84	80 - 120
Nickel	50.0	43.9		mg/Kg		88	80 - 120
Potassium	2500	2420		mg/Kg		97	80 - 120
Selenium	100	89.3		mg/Kg		89	80 - 120
Silver	25.0	20.8		mg/Kg		83	80 - 120
Sodium	2500	2370		mg/Kg		95	80 - 120
Thallium	100	84.9		mg/Kg		85	80 - 120
Vanadium	50.0	42.1		mg/Kg		84	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154808-18 MS
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 432225

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	3100		367	9070	4	mg/Kg	☼	1638	75 - 125
Antimony	0.39	J F2 F1	18.4	7.80	F1	mg/Kg	☼	40	75 - 125
Arsenic	3.9	F2	73.4	86.2		mg/Kg	☼	112	75 - 125
Barium	35	F2 F1	73.4	153	F1	mg/Kg	☼	161	75 - 125
Beryllium	0.25	J F2	36.7	36.3		mg/Kg	☼	98	75 - 125
Cadmium	0.13	J F2	36.7	35.0		mg/Kg	☼	95	75 - 125
Calcium	2300	F2 F1	1840	11400	F1	mg/Kg	☼	496	75 - 125
Chromium	4.7	F2	36.7	45.4		mg/Kg	☼	111	75 - 125
Cobalt	3.8	F2 F1	36.7	57.0	F1	mg/Kg	☼	145	75 - 125
Copper	16	F2 F1	36.7	78.3	F1	mg/Kg	☼	170	75 - 125
Iron	8400		367	19300	4	mg/Kg	☼	2953	75 - 125
Lead	19	F2 F1	36.7	85.7	F1	mg/Kg	☼	181	75 - 125
Magnesium	1100	F2 F1	1840	5640	F1	mg/Kg	☼	245	75 - 125
Manganese	170		36.7	468	4	mg/Kg	☼	824	75 - 125
Nickel	10	F2 F1	36.7	73.9	F1	mg/Kg	☼	173	75 - 125
Potassium	350	F2 B	1840	2440		mg/Kg	☼	114	75 - 125
Selenium	ND	F2	73.4	73.4		mg/Kg	☼	100	75 - 125
Silver	ND	F2	18.4	17.4		mg/Kg	☼	95	75 - 125
Sodium	ND	F2	1840	2000		mg/Kg	☼	109	75 - 125
Thallium	0.28	J F2	73.4	84.0		mg/Kg	☼	114	75 - 125
Vanadium	6.3	F2	36.7	47.7		mg/Kg	☼	113	75 - 125

Lab Sample ID: 180-154808-18 MSD
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 432225

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	3100		237	7770	4	mg/Kg	☼	1990	75 - 125	15	20
Antimony	0.39	J F2 F1	11.9	4.11	F2 F1	mg/Kg	☼	31	75 - 125	62	20
Arsenic	3.9	F2	47.4	52.0	F2	mg/Kg	☼	101	75 - 125	49	20
Barium	35	F2 F1	47.4	103	F1 F2	mg/Kg	☼	144	75 - 125	39	20
Beryllium	0.25	J F2	23.7	20.3	F2	mg/Kg	☼	85	75 - 125	56	20
Cadmium	0.13	J F2	23.7	19.3	F2	mg/Kg	☼	81	75 - 125	58	20
Calcium	2300	F2 F1	1190	15600	F1 F2	mg/Kg	☼	1114	75 - 125	30	20
Chromium	4.7	F2	23.7	28.8	F2	mg/Kg	☼	102	75 - 125	45	20
Cobalt	3.8	F2 F1	23.7	35.4	F1 F2	mg/Kg	☼	133	75 - 125	47	20
Copper	16	F2 F1	23.7	53.9	F1 F2	mg/Kg	☼	161	75 - 125	37	20
Iron	8400		237	17700	4	mg/Kg	☼	3906	75 - 125	9	20
Lead	19	F2 F1	23.7	60.5	F1 F2	mg/Kg	☼	173	75 - 125	35	20
Magnesium	1100	F2 F1	1190	10500	F1 F2	mg/Kg	☼	791	75 - 125	60	20
Manganese	170		23.7	405	4	mg/Kg	☼	1009	75 - 125	14	20
Nickel	10	F2 F1	23.7	51.8	F1 F2	mg/Kg	☼	175	75 - 125	35	20
Potassium	350	F2 B	1190	1530	F2	mg/Kg	☼	99	75 - 125	46	20
Selenium	ND	F2	47.4	41.4	F2	mg/Kg	☼	87	75 - 125	56	20
Silver	ND	F2	11.9	10.2	F2	mg/Kg	☼	86	75 - 125	52	20
Sodium	ND	F2	1190	1180	F2	mg/Kg	☼	99	75 - 125	52	20
Thallium	0.28	J F2	47.4	46.8	F2	mg/Kg	☼	98	75 - 125	57	20
Vanadium	6.3	F2	23.7	31.3	F2	mg/Kg	☼	105	75 - 125	42	20

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 180-432524/1-A
Matrix: Solid
Analysis Batch: 433149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432524

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Antimony	ND		1.0	0.30	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Arsenic	ND		1.0	0.63	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Barium	ND		20	3.6	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Beryllium	ND		0.40	0.11	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Cadmium	ND		0.50	0.073	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Calcium	ND		500	65	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Chromium	ND		0.50	0.46	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Cobalt	ND		5.0	0.70	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Copper	ND		2.5	1.5	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Iron	93.7		10	9.7	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Lead	ND		1.0	0.87	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Magnesium	ND		500	55	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Manganese	ND		1.5	0.28	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Nickel	ND		4.0	0.50	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Potassium	ND		500	85	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Selenium	ND		1.0	0.46	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Silver	ND		0.50	0.10	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Sodium	ND		500	51	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Thallium	ND		2.0	0.28	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Vanadium	ND		5.0	0.79	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Zinc	3.24		2.0	1.5	mg/Kg		04/17/23 12:00	04/21/23 23:22	1

Lab Sample ID: LCS 180-432524/2-A
Matrix: Solid
Analysis Batch: 433149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432524

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	459		mg/Kg		92	80 - 120
Antimony	25.0	23.8		mg/Kg		95	80 - 120
Arsenic	100	96.9		mg/Kg		97	80 - 120
Barium	100	91.0		mg/Kg		91	80 - 120
Beryllium	50.0	45.4		mg/Kg		91	80 - 120
Cadmium	50.0	47.0		mg/Kg		94	80 - 120
Calcium	2500	2370		mg/Kg		95	80 - 120
Chromium	50.0	45.6		mg/Kg		91	80 - 120
Cobalt	50.0	45.1		mg/Kg		90	80 - 120
Copper	50.0	44.1		mg/Kg		88	80 - 120
Iron	500	482		mg/Kg		96	80 - 120
Lead	50.0	46.0		mg/Kg		92	80 - 120
Magnesium	2500	2390		mg/Kg		96	80 - 120
Manganese	50.0	45.2		mg/Kg		90	80 - 120
Nickel	50.0	45.2		mg/Kg		90	80 - 120
Potassium	2500	2380		mg/Kg		95	80 - 120
Selenium	100	91.5		mg/Kg		91	80 - 120
Silver	25.0	21.6		mg/Kg		86	80 - 120
Sodium	2500	2430		mg/Kg		97	80 - 120
Thallium	100	90.5		mg/Kg		91	80 - 120
Vanadium	50.0	45.7		mg/Kg		91	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-432524/2-A
Matrix: Solid
Analysis Batch: 433149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432524

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	25.0	25.6		mg/Kg		102	80 - 120

Lab Sample ID: MB 180-433882/1-A
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Antimony	ND		1.0	0.30	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Arsenic	ND		1.0	0.63	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Barium	ND		20	3.6	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Beryllium	ND		0.40	0.11	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Cadmium	ND		0.50	0.073	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Calcium	ND		500	65	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Chromium	ND		0.50	0.46	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Cobalt	ND		5.0	0.70	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Copper	ND		2.5	1.5	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Iron	ND		10	9.7	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Lead	ND		1.0	0.87	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Magnesium	ND		500	55	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Manganese	ND		1.5	0.28	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Nickel	ND		4.0	0.50	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Potassium	ND		500	85	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Selenium	ND		1.0	0.46	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Silver	ND		0.50	0.10	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Sodium	ND		500	51	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Thallium	ND		2.0	0.28	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Vanadium	ND		5.0	0.79	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Zinc	4.48		2.0	1.5	mg/Kg		05/01/23 11:30	05/03/23 13:34	1

Lab Sample ID: LCS 180-433882/2-A
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433882

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	493		mg/Kg		99	80 - 120
Antimony	25.0	24.6		mg/Kg		98	80 - 120
Arsenic	100	100		mg/Kg		100	80 - 120
Barium	100	99.1		mg/Kg		99	80 - 120
Beryllium	50.0	49.6		mg/Kg		99	80 - 120
Cadmium	50.0	49.7		mg/Kg		99	80 - 120
Calcium	2500	2530		mg/Kg		101	80 - 120
Chromium	50.0	49.2		mg/Kg		98	80 - 120
Cobalt	50.0	49.1		mg/Kg		98	80 - 120
Copper	50.0	49.6		mg/Kg		99	80 - 120
Iron	500	504		mg/Kg		101	80 - 120
Lead	50.0	48.5		mg/Kg		97	80 - 120
Magnesium	2500	2480		mg/Kg		99	80 - 120
Manganese	50.0	48.5		mg/Kg		97	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-433882/2-A
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433882

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	50.0	49.0		mg/Kg		98	80 - 120
Potassium	2500	2430		mg/Kg		97	80 - 120
Selenium	100	98.5		mg/Kg		98	80 - 120
Silver	25.0	23.8		mg/Kg		95	80 - 120
Sodium	2500	2560		mg/Kg		102	80 - 120
Thallium	100	97.0		mg/Kg		97	80 - 120
Vanadium	50.0	49.5		mg/Kg		99	80 - 120
Zinc	25.0	29.1		mg/Kg		117	80 - 120

Lab Sample ID: MB 180-433889/7-A
Matrix: Solid
Analysis Batch: 434151

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	3.46		2.0	1.5	mg/Kg		05/02/23 10:00	05/03/23 12:13	1

Lab Sample ID: LCS 180-433889/8-A
Matrix: Solid
Analysis Batch: 434151

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	25.0	30.1		mg/Kg		120	80 - 120

Lab Sample ID: 180-154808-18 MS
Matrix: Solid
Analysis Batch: 434151

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 433889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	140	B F2	20.0	184	4	mg/Kg	☼	227	75 - 125

Lab Sample ID: 180-154808-18 MSD
Matrix: Solid
Analysis Batch: 434151

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 433889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	140	B F2	19.1	137	4 F2	mg/Kg	☼	-8	75 - 125	29	20

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 180-433565/1-A
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433565

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.033	0.021	mg/Kg		04/27/23 10:20	04/28/23 14:28	1

Method: EPA 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 180-433565/2-A
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433565

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.417	0.380		mg/Kg		91	80 - 120		

Lab Sample ID: 180-154808-18 MS
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 433565

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	220		0.176	173	4	mg/Kg	☼	-2854 0	80 - 120		

Lab Sample ID: 180-154808-18 MSD
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA
Prep Batch: 433565

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	220		0.176	181	4	mg/Kg	☼	-2386 0	80 - 120	5	20

Method: 2540G - SM 2540G

Lab Sample ID: 180-154808-18 DU
Matrix: Solid
Analysis Batch: 431995

Client Sample ID: SSHS-IRM5A2-SCV50-0-0.58
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	6.7			6.8		%				0.5	10
Percent Solids	93.3			93.2		%				0	10

GC/MS VOA

Analysis Batch: 432752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	EPA 8260C	432800
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	EPA 8260C	432800
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	EPA 8260C	432800
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	EPA 8260C	432800
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	EPA 8260C	432800
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	EPA 8260C	432800
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	EPA 8260C	432800
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	EPA 8260C	432800
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	EPA 8260C	432800
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	EPA 8260C	432800
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	EPA 8260C	432800
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	EPA 8260C	432800
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	EPA 8260C	432800
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	EPA 8260C	432800
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	EPA 8260C	432800
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	EPA 8260C	432800
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	EPA 8260C	432800
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 8260C	432800
MB 180-432752/8	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-432752/4	Lab Control Sample	Total/NA	Solid	EPA 8260C	
LCSD 180-432752/6	Lab Control Sample Dup	Total/NA	Solid	EPA 8260C	
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 8260C	432800
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 8260C	432800

Prep Batch: 432800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	5035	
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	5035	
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	5035	
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	5035	
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	5035	
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	5035	
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	5035	
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	5035	
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	5035	
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	5035	
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	5035	
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	5035	
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	5035	
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	5035	
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	5035	
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	5035	
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	5035	
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	5035	
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	5035	
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	5035	

Analysis Batch: 432856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	EPA 8260C	432910
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	EPA 8260C	432910

GC/MS VOA (Continued)

Analysis Batch: 432856 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-432856/7	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-432856/3	Lab Control Sample	Total/NA	Solid	EPA 8260C	
LCSD 180-432856/4	Lab Control Sample Dup	Total/NA	Solid	EPA 8260C	

Prep Batch: 432910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	5035	
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 432388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	3541	
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	3541	
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	3541	
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	3541	
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	3541	
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	3541	
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	3541	
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	3541	
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	3541	
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	3541	
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	3541	
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	3541	
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	3541	
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	3541	
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	3541	
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	3541	
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	3541	
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3541	
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	3541	
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	3541	
MB 180-432388/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-432388/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3541	
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3541	

Analysis Batch: 432402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	EPA 8270D	432388
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	EPA 8270D	432388
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	EPA 8270D	432388
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	EPA 8270D	432388
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	EPA 8270D	432388
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	EPA 8270D	432388
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	EPA 8270D	432388
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	EPA 8270D	432388
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	EPA 8270D	432388
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	EPA 8270D	432388
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	EPA 8270D	432388

GC/MS Semi VOA (Continued)

Analysis Batch: 432402 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	EPA 8270D	432388
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	EPA 8270D	432388
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	EPA 8270D	432388
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	EPA 8270D	432388
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	EPA 8270D	432388
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	EPA 8270D	432388
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 8270D	432388
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	EPA 8270D	432388
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	EPA 8270D	432388
MB 180-432388/1-A	Method Blank	Total/NA	Solid	EPA 8270D	432388
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 8270D	432388
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 8270D	432388

Analysis Batch: 432494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-432388/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	432388

GC Semi VOA

Prep Batch: 432210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	3541	
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	3541	
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	3541	
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	3541	
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	3541	
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	3541	
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	3541	
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	3541	
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	3541	
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	3541	
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	3541	
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	3541	
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	3541	
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	3541	
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	3541	
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	3541	
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	3541	
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3541	
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	3541	
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	3541	
MB 180-432210/1-C	Method Blank	Total/NA	Solid	3541	
LCS 180-432210/2-C	Lab Control Sample	Total/NA	Solid	3541	
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3541	
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3541	

Cleanup Batch: 432277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	3665A	432210
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	3665A	432210
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	3665A	432210

GC Semi VOA (Continued)

Cleanup Batch: 432277 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	3665A	432210
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	3665A	432210
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	3665A	432210
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	3665A	432210
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	3665A	432210
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	3665A	432210
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	3665A	432210
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	3665A	432210
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	3665A	432210
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	3665A	432210
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	3665A	432210
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	3665A	432210
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	3665A	432210
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	3665A	432210
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3665A	432210
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	3665A	432210
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	3665A	432210
MB 180-432210/1-C	Method Blank	Total/NA	Solid	3665A	432210
LCS 180-432210/2-C	Lab Control Sample	Total/NA	Solid	3665A	432210
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3665A	432210
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3665A	432210

Cleanup Batch: 432278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	3660B	432277
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	3660B	432277
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	3660B	432277
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	3660B	432277
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	3660B	432277
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	3660B	432277
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	3660B	432277
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	3660B	432277
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	3660B	432277
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	3660B	432277
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	3660B	432277
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	3660B	432277
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	3660B	432277
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	3660B	432277
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	3660B	432277
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	3660B	432277
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	3660B	432277
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3660B	432277
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	3660B	432277
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	3660B	432277
MB 180-432210/1-C	Method Blank	Total/NA	Solid	3660B	432277
LCS 180-432210/2-C	Lab Control Sample	Total/NA	Solid	3660B	432277
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3660B	432277
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3660B	432277

GC Semi VOA

Analysis Batch: 432577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	EPA 8082A	432278
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	EPA 8082A	432278
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	EPA 8082A	432278
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	EPA 8082A	432278
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	EPA 8082A	432278
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	EPA 8082A	432278
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	EPA 8082A	432278
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	EPA 8082A	432278
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	EPA 8082A	432278
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	EPA 8082A	432278
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	EPA 8082A	432278
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	EPA 8082A	432278
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	EPA 8082A	432278
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	EPA 8082A	432278
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	EPA 8082A	432278
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	EPA 8082A	432278
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	EPA 8082A	432278
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 8082A	432278
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	EPA 8082A	432278
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	EPA 8082A	432278
MB 180-432210/1-C	Method Blank	Total/NA	Solid	EPA 8082A	432278
LCS 180-432210/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	432278
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 8082A	432278
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 8082A	432278

Metals

Prep Batch: 432225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3050B	
MB 180-432225/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-432225/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3050B	
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3050B	

Prep Batch: 432524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	3050B	
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	3050B	
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	3050B	
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	3050B	
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	3050B	
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	3050B	
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	3050B	
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	3050B	
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	3050B	
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	3050B	
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	3050B	
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	3050B	
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	3050B	
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 432524 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	3050B	
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	3050B	
MB 180-432524/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-432524/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 433149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	EPA 6010C	432524
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	EPA 6010C	432524
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	EPA 6010C	432524
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	EPA 6010C	432524
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	EPA 6010C	432524
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	EPA 6010C	432524
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	EPA 6010C	432524
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	EPA 6010C	432524
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	EPA 6010C	432524
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	EPA 6010C	432524
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	EPA 6010C	432524
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	EPA 6010C	432524
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	EPA 6010C	432524
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	EPA 6010C	432524
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	EPA 6010C	432524
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	EPA 6010C	432524
MB 180-432524/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432524
LCS 180-432524/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432524

Analysis Batch: 433389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 6010C	432225
MB 180-432225/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432225
LCS 180-432225/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432225
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 6010C	432225
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 6010C	432225

Analysis Batch: 433520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	EPA 6010C	432524
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	EPA 6010C	432524
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	EPA 6010C	432524
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	EPA 6010C	432524
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	EPA 6010C	432524
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	EPA 6010C	432524
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	EPA 6010C	432524
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	EPA 6010C	432524
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	EPA 6010C	432524
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	EPA 6010C	432524
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	EPA 6010C	432524
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	EPA 6010C	432524
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	EPA 6010C	432524
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	EPA 6010C	432524
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	EPA 6010C	432524

Metals (Continued)

Analysis Batch: 433520 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	EPA 6010C	432524
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	EPA 6010C	432524
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	EPA 6010C	432524

Prep Batch: 433565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	7471B	
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	7471B	
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	7471B	
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	7471B	
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	7471B	
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	7471B	
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	7471B	
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	7471B	
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	7471B	
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	7471B	
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	7471B	
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	7471B	
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	7471B	
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	7471B	
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	7471B	
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	7471B	
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	7471B	
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	7471B	
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	7471B	
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	7471B	
MB 180-433565/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 180-433565/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	7471B	
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	7471B	

Analysis Batch: 433778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	EPA 7471B	433565
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	EPA 7471B	433565
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	EPA 7471B	433565
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	EPA 7471B	433565
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	EPA 7471B	433565
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	EPA 7471B	433565
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	EPA 7471B	433565
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	EPA 7471B	433565
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	EPA 7471B	433565
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	EPA 7471B	433565
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	EPA 7471B	433565
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	EPA 7471B	433565
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	EPA 7471B	433565
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	EPA 7471B	433565
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	EPA 7471B	433565
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	EPA 7471B	433565
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	EPA 7471B	433565
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 7471B	433565

Metals (Continued)

Analysis Batch: 433778 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	EPA 7471B	433565
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	EPA 7471B	433565
MB 180-433565/1-A	Method Blank	Total/NA	Solid	EPA 7471B	433565
LCS 180-433565/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	433565
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 7471B	433565
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 7471B	433565

Prep Batch: 433882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	3050B	
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	3050B	
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	3050B	
MB 180-433882/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-433882/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 433889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3050B	
MB 180-433889/7-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-433889/8-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3050B	
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	3050B	

Analysis Batch: 434151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 6010C	433889
MB 180-433889/7-A	Method Blank	Total/NA	Solid	EPA 6010C	433889
LCS 180-433889/8-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	433889
180-154808-18 MS	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 6010C	433889
180-154808-18 MSD	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	EPA 6010C	433889

Analysis Batch: 434202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	EPA 6010C	433882
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	EPA 6010C	433882
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	EPA 6010C	433882
MB 180-433882/1-A	Method Blank	Total/NA	Solid	EPA 6010C	433882
LCS 180-433882/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	433882

General Chemistry

Analysis Batch: 431992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-1	SSHS-IRM5A2-SCV44-0.75-1.75	Total/NA	Solid	2540G	
180-154808-2	SSHS-IRM5A2-SCV45-0-0.17	Total/NA	Solid	2540G	
180-154808-3	SSHS-IRM5A2-SCV45-0.17-0.92	Total/NA	Solid	2540G	

Analysis Batch: 431995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-4	SSHS-IRM5A2-SCV45-0.92-1.92	Total/NA	Solid	2540G	
180-154808-5	SSHS-IRM5A2-SCV46-0-0.17	Total/NA	Solid	2540G	

General Chemistry (Continued)

Analysis Batch: 431995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154808-6	SSHS-IRM5A2-SCV-DUP16	Total/NA	Solid	2540G	
180-154808-7	SSHS-IRM5A2-SCV46-0.17-0.83	Total/NA	Solid	2540G	
180-154808-8	SSHS-IRM5A2-SCV46-0.83-1.83	Total/NA	Solid	2540G	
180-154808-9	SSHS-IRM5A2-SCV47-0-0.17	Total/NA	Solid	2540G	
180-154808-10	SSHS-IRM5A2-SCV47-0.17-0.75	Total/NA	Solid	2540G	
180-154808-11	SSHS-IRM5A2-SCV47-0.75-1.75	Total/NA	Solid	2540G	
180-154808-12	SSHS-IRM5A2-SCV48-0-0.67	Total/NA	Solid	2540G	
180-154808-13	SSHS-IRM5A2-SCV48-0.67-1.67	Total/NA	Solid	2540G	
180-154808-14	SSHS-IRM5A2-SCV49-0-0.17	Total/NA	Solid	2540G	
180-154808-15	SSHS-IRM5A2-SCV49-0.17-0.75	Total/NA	Solid	2540G	
180-154808-16	SSHS-IRM5A2-SCV49-0.75-1.75	Total/NA	Solid	2540G	
180-154808-17	SSHS-IRM5A2-SCV-DUP17	Total/NA	Solid	2540G	
180-154808-18	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	2540G	
180-154808-19	SSHS-IRM5A2-SCV50-0.58-1.58	Total/NA	Solid	2540G	
180-154808-20	SSHS-IRM5A2-SCV51-0-0.50	Total/NA	Solid	2540G	
180-154808-18 DU	SSHS-IRM5A2-SCV50-0-0.58	Total/NA	Solid	2540G	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

[redacted] eurofins Environment Testing TestAmerica

5/5/2023

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Mr. Aron Krasnopoler	M Stelmach	Dunlap, David A		180-45857-9656.1
Company: Geosyntec Consultants, Inc.	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			Job #:
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044	PO #: MN0832I			
Phone: 40-381-4333	WO #:			
Email: akrasnopoler@geosyntec.com	Project #: 18013464			
Project Name: Former Sperry Remington Site	SSOW#:			
Site				

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N								
SSHS-IRM5A2-SCV44-0.75-1.75	4/7/23	0900	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV45-0-0.17	4/7/23	0905	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV45-0.17-0.92	4/7/23	0910	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV45-0.92-1.92	4/7/23	0915	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV46-0-0.17	4/7/23	0920	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV-DUP16	4/7/23	--	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV46-0.17-0.83	4/7/23	0925	G	S	N	N	X	X	X	X									16	
SSHS-IRM5A2-SCV46-0.83-1.83	4/7/23	0930	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV47-0-0.17	4/7/23	0935	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV47-0.17-0.75	4/7/23	0940	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV47-0.75-1.75	4/7/23	0945	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV48-0-0.67	4/7/23	0950	G	S	N	N	X	X	X	X	X	X							8	

180-154808 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

Relinquished by:	Date/Time	Company: Geosyntec	Received by:	Date/Time	Company
			[signature]	4-8-23 0835	EPTAVE
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

[redacted]

eurofins | Environment Testing TestAmerica

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
	M Stelmach	Dunlap, David A		180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail david.dunlap@testamericainc.com		Page Page 2 of 2
Company Geosyntec Consultants, Inc.				Job #

Address	Due Date Requested:
10211 Wincopin Circle 4th Floor	
City Columbia	TAT Requested (days): Standard
State, Zip MD, 21044	
Phone 40-381-4333	PO # MN0832I
Email akrasnopoler@geosyntec.com	WO #
Project Name Former Sperry Remington Site	Project # 18013464
Site	SSOW#

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV48-0.67-1.67	4/7/23	0955	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV49-0-0.17	4/7/23	1000	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV49-0.17-0.75	4/7/23	1005	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV49-0.75-1.75	4/7/23	1010	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV-DUP17	4/7/23	--	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV50-0-0.58	4/7/23	1015	G	S	N	Y	X	X	X	X									16	
SSHS-IRM5A2-SCV50-0.58-1.58	4/7/23	1020	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV51-0-0.50	4/7/23	1025	G	S	N	N	X	X	X	X	X	X							8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested. I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
		Geosyntec	[signature]	4-8-23 0835	EPI TAKE
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks

Ver 01/16/2019

5/5/2023

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN08321			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154808 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV44-0.75-1.75	4/7/23	0900	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV45-0-0.17	4/7/23	0905	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV45-0.17-0.92	4/7/23	0910	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV45-0.92-1.92	4/7/23	0915	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV46-0-0.17	4/7/23	0920	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV-DUP16	4/7/23	--	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV46-0.17-0.83	4/7/23	0925	G	S	N	N	X	X	X	X										16	
SSHS-IRM5A2-SCV46-0.83-1.83	4/7/23	0930	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV47-0-0.17	4/7/23	0935	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV47-0.17-0.75	4/7/23	0940	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV47-0.75-1.75	4/7/23	0945	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV48-0-0.67	4/7/23	0950	G	S	N	N	X	X	X	X	X	X								8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Miranda Krasnopoler	Date/Time: 4/7/23 16:30	Company: Geosyntec	Received by: [signature]	Date/Time: 4-8-23 09:25	Company: FEDEX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: ~~Yes~~ Δ No | Custody Seal No.: 117650 | Cooler Temperature(s) °C and Other Remarks: 2.5

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044	PO #: MN0832I			
Phone: 40-381-4333	WO #:			
Email: akrasnopoler@geosyntec.com				
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV48-0.67-1.67	4/7/23	0955	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV49-0-0.17	4/7/23	1000	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV49-0.17-0.75	4/7/23	1005	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV49-0.75-1.75	4/7/23	1010	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV-DUP17	4/7/23	--	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV50-0-0.58	4/7/23	1015	G	S	N	Y	X	X	X	X			16	
SSHS-IRM5A2-SCV50-0.58-1.58	4/7/23	1020	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV51-0-0.50	4/7/23	1025	G	S	N	N	X	X	X	X	X	X	8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Mercedes Krasnopoler	4/7/23 1630	Geosyntec	[illegible]	4-8-23 09:25	EETSAC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 111650 | Cooler Temperature(s) °C and Other Remarks: 2.5

Ver: 01/16/2019

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Sacramento Sample Receiving Notes

180-154808 Field Sheet

Job: _____

Tracking # : 7717 4391 0812

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: L-09 Corr. Factor: (+ / -) 0 °C

Ice ✓ Wet ✓ Gel _____ Other _____

Cooler Custody Seal: 1117650

Cooler ID: _____

Temp Observed: 2.5 °C Corrected: 2.5 °C

From: Temp Blank ☑ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: NC Date: 4-8-23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☑	☐
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 4-8-23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☑	☐	☑ NC 4-8-23

Initials: NC Date: 4-8-23

WR HB

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154808-1

Login Number: 154808
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	False	COC not received woth samples, used unsigned, emailed COC
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 5/5/2023 12:55:51 PM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154916-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



Generated
5/5/2023 12:55:51 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-154916-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154916-1

Receipt
The samples were received on 4/12/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 3.1º C, 3.8º C, 4.3º C, 4.6º C, 4.9º C, 5.6º C and 5.8º C.

GC/MS VOA
Method 8260C: The recovery of surrogates 1,2-Dichloroethane-d4 and/or Dibromofluoromethane were above the control limits for the following samples: SSHS-IRM5A2-SCV59-0-0.17 (180-154916-2), SSHS-IRM5A2-SCV59-0.17-0.83 (180-154916-3), SSHS-IRM5A2-SCV61-0-0.17 (180-154916-7), SSHS-IRM5A2-SCV61-0.17-0.75 (180-154916-8), SSHS-IRM5A2-SCV62-0-0.33 (180-154916-11), SSHS-IRM5A2-SCV62-0.33-1.33 (180-154916-12), SSHS-IRM5A2-SCV63-0.75-1.75 (180-154916-15), SSHS-IRM5A2-SCV64-0.17-0.92 (180-154916-17), and SSHS-IRM5A2-SCV65-0-0.25 (180-154916-19). As the surrogates were high and there were no target analytes detected in the samples, the results were reported.

Method 8260C: The laboratory control sample (LCS) for batch 180-432587 recovered above the control limits for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane, Carbon disulfide, Dichlorodifluoromethane, and Methyl acetate. As these analytes were biased high in the LCS and were not detected in the associated samples, the results were reported.

Method 8260C: The RPD between the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 180-432979 was above the control limits for the following analytes: Acetone and 2-Butanone. The recoveries were within the control limits.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432587 was below criteria for the following analytes: 1,4-Dioxane, Bromomethane, Chloroethane, Chloromethane, Trichlorofluoromethane, and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432587 was above criteria for the following analytes: Dichlorodifluoromethane and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432979 was below criteria for the following analyte: 2-Hexanone.(LOW). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432979 was above criteria for the following analytes: Carbon disulfide, Dichlorodifluoromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-433087 was above criteria for the following analytes: Carbon disulfide, Dichlorodifluoromethane, 1,1-Dichloroethene, 1,1,2-Trichloro-1,2,2-trifluoroethane, and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The matrix spike (MS) of sample SSHS-IRM5A2-SCV58-0.83-1.83 (180-154916-1) had the recovery of 4-Chloroaniline below the control limits. The RPD between the spikes and the recoveries of the matrix spike duplicate (MSD) and laboratory control sample (LCS) were within the control limits.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432846 was above criteria for the following analyte: Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Job ID: 180-154916-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432864 was above criteria for the following analytes: Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate, and Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432969 was above criteria for the following analytes: 4,6-Dinitro-2-methylphenol and Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-433093 was above criteria for the following analyte: Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8082A: Sample SSHS-IRM5A2-SCV-DUP21 (180-154916-20) had the recovery of surrogate tetrachloro-m-xylene slightly below the control limits on column RTX-CLP2. The recovery on column RTX-CLP1 and the recoveries of decachlorobiphenyl were within the control limits.

Method 8082A: The continuing calibration verification (CCV) analyzed in batch 180-432711 (CCV 180-432711/4) was below criteria for aroclor 1248 for 1 peak on column RTX-CLP1. Associated positive sample results for aroclor 1248 were reported from column RTX-CLP2 which met criteria or did not have this peak included in the quantitation of the results.

Method 8082A: The continuing calibration verification (CCV) analyzed in batch 180-432711 (CCV 180-432711/1) was below criteria for aroclor 1254 for 1 peak on column RTX-CLP1. Associated positive sample results for aroclor 1254 were reported from column RTX-CLP2 which met criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010C: The following samples were diluted to bring the concentrations of calcium and zinc within the linear range of the instrument: SSHS-IRM5A2-SCV59-0.17-0.83 (180-154916-3) and SSHS-IRM5A2-SCV59-0.83-1.83 (180-154916-4). Elevated reporting limits (RLs) are provided.

Method 6010C: The following samples were diluted to bring the concentration of zinc within the linear range of the instrument: SSHS-IRM5A2-SCV60-0-0.25 (180-154916-5) and SSHS-IRM5A2-SCV61-0-0.17 (180-154916-7). Elevated reporting limits (RLs) are provided.

Method 6010C: The method blank for preparation batch 180-432763 contained iron and zinc above the reporting limit (RL). As the associated samples contained these analytes at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The method blank for preparation batch 180-432765 contained iron and zinc above the reporting limit (RL). As the associated samples contained these analytes at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV-DUP20 (180-154916-10) had several recoveries and the majority of RPDs between the spikes outside of the control limits. The recoveries of the laboratory control sample were within the control limits. The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) was greater than 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated RPD values were obtained.

Method 7471B: The following sample was diluted to bring the concentration of mercury within the instrument's calibration range: SSHS-IRM5A2-SCV60-0-0.25 (180-154916-5). Elevated reporting limits (RLs) are provided.

Job ID: 180-154916-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154916-1
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	05-03-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids
EPA 8260C	5035	Solid	1,2-Dichloroethene, Total

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Solid	04/11/23 10:00	04/12/23 09:30
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Solid	04/11/23 10:05	04/12/23 09:30
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Solid	04/11/23 10:10	04/12/23 09:30
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Solid	04/11/23 10:15	04/12/23 09:30
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Solid	04/11/23 10:20	04/12/23 09:30
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Solid	04/11/23 10:25	04/12/23 09:30
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Solid	04/11/23 10:30	04/12/23 09:30
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Solid	04/11/23 10:35	04/12/23 09:30
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Solid	04/11/23 10:40	04/12/23 09:30
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Solid	04/11/23 00:00	04/12/23 09:30
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Solid	04/11/23 10:45	04/12/23 09:30
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Solid	04/11/23 10:50	04/12/23 09:30
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Solid	04/11/23 10:55	04/12/23 09:30
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Solid	04/11/23 11:00	04/12/23 09:30
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Solid	04/11/23 11:05	04/12/23 09:30
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Solid	04/11/23 11:10	04/12/23 09:30
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Solid	04/11/23 11:15	04/12/23 09:30
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Solid	04/11/23 11:20	04/12/23 09:30
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Solid	04/11/23 11:25	04/12/23 09:30
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Solid	04/11/23 00:00	04/12/23 09:30

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by GC/MS	SW846	EET PIT
EPA 8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
EPA 6010C	Metals (ICP)	SW846	EET PIT
EPA 7471B	Mercury (CVAA)	SW846	EET PIT
2540G	SM 2540G	SM22	EET PIT
3050B	Preparation, Metals	SW846	EET PIT
3541	Automated Soxhlet Extraction	SW846	EET PIT
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET PIT
7471B	Preparation, Mercury	SW846	EET PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154916-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Lab Sample ID: 180-154916-1
Date Collected: 04/11/23 10:00
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Lab Sample ID: 180-154916-1
Date Collected: 04/11/23 10:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.4628 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 16:54	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 12:42	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.18 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 08:06	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.92 g	50 mL	432765	04/19/23 09:46	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 13:03	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.57 g	50 mL	433883	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434075	05/02/23 10:31	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 11:59	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV59-0-0.17
Lab Sample ID: 180-154916-2
Date Collected: 04/11/23 10:05
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV59-0-0.17
Lab Sample ID: 180-154916-2
Date Collected: 04/11/23 10:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1165 g	5 mL	432667	04/18/23 18:30	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 20:51	PJJ	EET PIT
	Instrument ID: CHHP3									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154916-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV59-0-0.17
Lab Sample ID: 180-154916-2

Date Collected: 04/11/23 10:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 13:49	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.26 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 09:03	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.18 g	50 mL	432765	04/19/23 09:46	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 13:08	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.84 g	50 mL	433883	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434075	05/02/23 10:36	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:02	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV59-0.17-0.83
Lab Sample ID: 180-154916-3

Date Collected: 04/11/23 10:10
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV59-0.17-0.83
Lab Sample ID: 180-154916-3

Date Collected: 04/11/23 10:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.4895 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 19:20	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 14:11	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.25 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 09:22	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.89 g	50 mL	432765	04/19/23 09:46	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 13:14	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154916-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV59-0.17-0.83
Lab Sample ID: 180-154916-3
Date Collected: 04/11/23 10:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.89 g	50 mL	432765	04/19/23 09:46	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433520	04/26/23 11:09	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.70 g	50 mL	433883	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434075	05/02/23 10:42	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.66 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:03	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV59-0.83-1.83
Lab Sample ID: 180-154916-4
Date Collected: 04/11/23 10:15
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV59-0.83-1.83
Lab Sample ID: 180-154916-4
Date Collected: 04/11/23 10:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.4469 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 19:43	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 14:33	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.09 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 09:41	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.96 g	50 mL	432765	04/19/23 09:46	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 13:19	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.96 g	50 mL	432765	04/19/23 09:46	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433520	04/26/23 11:14	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.66 g	50 mL	433883	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434075	05/02/23 10:47	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.64 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:04	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV60-0-0.25

Lab Sample ID: 180-154916-5
Date Collected: 04/11/23 10:20
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV60-0-0.25

Lab Sample ID: 180-154916-5
Date Collected: 04/11/23 10:20
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.6259 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 20:06	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 15:57	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.04 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 10:00	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.92 g	50 mL	432765	04/19/23 09:48	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 13:25	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.92 g	50 mL	432765	04/19/23 09:48	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433520	04/26/23 11:29	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.59 g	50 mL	433883	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434075	05/02/23 10:52	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.64 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		5			434050	05/02/23 13:35	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV60-0.25-1.25

Lab Sample ID: 180-154916-6
Date Collected: 04/11/23 10:25
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV60-0.25-1.25
Lab Sample ID: 180-154916-6

Date Collected: 04/11/23 10:25
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3326 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 12:29	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 16:20	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.15 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 10:19	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.89 g	50 mL	432765	04/19/23 09:48	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 13:40	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.77 g	50 mL	433883	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434075	05/02/23 11:08	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.61 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:08	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV61-0-0.17
Lab Sample ID: 180-154916-7

Date Collected: 04/11/23 10:30
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV61-0-0.17
Lab Sample ID: 180-154916-7

Date Collected: 04/11/23 10:30
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1326 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 12:52	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 16:44	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.44 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 10:38	JMO	EET PIT
	Instrument ID: CHGC16									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV61-0-0.17

Lab Sample ID: 180-154916-7
Date Collected: 04/11/23 10:30
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.72 g	50 mL	432765	04/19/23 09:48	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 13:45	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.72 g	50 mL	432765	04/19/23 09:48	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433520	04/26/23 11:34	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.59 g	50 mL	433883	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434075	05/02/23 11:12	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:13	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV61-0.17-0.75

Lab Sample ID: 180-154916-8
Date Collected: 04/11/23 10:35
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV61-0.17-0.75

Lab Sample ID: 180-154916-8
Date Collected: 04/11/23 10:35
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.23625 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 13:59	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 17:06	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.32 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 10:57	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.86 g	50 mL	432765	04/19/23 09:48	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 13:50	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.59 g	50 mL	433883	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434075	05/02/23 11:18	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:14	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154916-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV61-0.75-1.75
Lab Sample ID: 180-154916-9
Date Collected: 04/11/23 10:40
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV61-0.75-1.75
Lab Sample ID: 180-154916-9
Date Collected: 04/11/23 10:40
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3346 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 14:22	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 17:30	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.04 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 11:16	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.53 g	50 mL	432765	04/19/23 09:48	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 13:56	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.94 g	50 mL	433883	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434075	05/02/23 11:23	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.68 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:15	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP20
Lab Sample ID: 180-154916-10
Date Collected: 04/11/23 00:00
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP20
Lab Sample ID: 180-154916-10
Date Collected: 04/11/23 00:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1328 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 14:50	PJJ	EET PIT
	Instrument ID: CHHP3									

Client Sample ID: SSHS-IRM5A2-SCV-DUP20
Lab Sample ID: 180-154916-10
Date Collected: 04/11/23 00:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 17:53	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.21 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 11:35	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.60 g	50 mL	432763	04/19/23 09:43	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 02:04	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.67 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:16	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV62-0-0.33
Lab Sample ID: 180-154916-11
Date Collected: 04/11/23 10:45
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV62-0-0.33
Lab Sample ID: 180-154916-11
Date Collected: 04/11/23 10:45
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1648 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 15:13	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 18:16	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.11 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 11:53	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.60 g	50 mL	432763	04/19/23 09:43	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 02:28	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.66 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:17	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV62-0.33-1.33
Lab Sample ID: 180-154916-12
Date Collected: 04/11/23 10:50
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV62-0.33-1.33
Lab Sample ID: 180-154916-12
Date Collected: 04/11/23 10:50
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1326 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 15:35	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 18:40	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.14 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 12:12	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			1.00 g	50 mL	432763	04/19/23 09:43	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 02:33	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.69 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:18	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV63-0-0.17
Lab Sample ID: 180-154916-13
Date Collected: 04/11/23 10:55
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV63-0-0.17
Lab Sample ID: 180-154916-13
Date Collected: 04/11/23 10:55
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 68.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2625 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 15:58	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 19:03	VVP	EET PIT
	Instrument ID: CH731									

Client Sample ID: SSHS-IRM5A2-SCV63-0-0.17
Lab Sample ID: 180-154916-13
Date Collected: 04/11/23 10:55
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 68.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.05 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 12:31	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.48 g	50 mL	432763	04/19/23 09:43	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 02:48	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:19	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV63-0.17-0.75
Lab Sample ID: 180-154916-14
Date Collected: 04/11/23 11:00
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV63-0.17-0.75
Lab Sample ID: 180-154916-14
Date Collected: 04/11/23 11:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 73.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00654 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 16:21	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 19:26	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.15 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 12:50	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.79 g	50 mL	432763	04/19/23 09:43	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 02:53	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.69 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:20	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154916-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV63-0.75-1.75
Lab Sample ID: 180-154916-15
Date Collected: 04/11/23 11:05
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV63-0.75-1.75
Lab Sample ID: 180-154916-15
Date Collected: 04/11/23 11:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 73.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2236 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 16:43	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 19:49	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.13 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 13:09	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.63 g	50 mL	432763	04/19/23 09:43	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 02:58	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.68 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:21	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV64-0-0.17
Lab Sample ID: 180-154916-16
Date Collected: 04/11/23 11:10
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV64-0-0.17
Lab Sample ID: 180-154916-16
Date Collected: 04/11/23 11:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2265 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 17:06	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 20:12	VVP	EET PIT
	Instrument ID: CH731									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154916-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV64-0-0.17
Lab Sample ID: 180-154916-16
Date Collected: 04/11/23 11:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.05 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 13:28	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.87 g	50 mL	432763	04/19/23 09:43	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 03:03	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:22	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV64-0.17-0.92
Lab Sample ID: 180-154916-17
Date Collected: 04/11/23 11:15
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV64-0.17-0.92
Lab Sample ID: 180-154916-17
Date Collected: 04/11/23 11:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0304 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 17:29	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 20:34	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.14 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 14:25	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.79 g	50 mL	432763	04/19/23 09:43	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 03:08	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:26	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154916-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV64-0.92-1.92
Lab Sample ID: 180-154916-18
Date Collected: 04/11/23 11:20
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV64-0.92-1.92
Lab Sample ID: 180-154916-18
Date Collected: 04/11/23 11:20
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2265 g	5 mL	433069	04/21/23 17:59	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433087	04/22/23 20:56	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 20:57	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.08 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 14:44	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.89 g	50 mL	432763	04/19/23 09:43	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 03:13	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:27	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV65-0-0.25
Lab Sample ID: 180-154916-19
Date Collected: 04/11/23 11:25
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV65-0-0.25
Lab Sample ID: 180-154916-19
Date Collected: 04/11/23 11:25
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1169 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 18:15	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432864	04/20/23 21:19	VVP	EET PIT
	Instrument ID: CH731									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154916-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV65-0-0.25
Lab Sample ID: 180-154916-19
Date Collected: 04/11/23 11:25
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.26 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 15:03	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.66 g	50 mL	432763	04/19/23 09:43	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 03:18	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.67 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:28	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP21
Lab Sample ID: 180-154916-20
Date Collected: 04/11/23 00:00
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP21
Lab Sample ID: 180-154916-20
Date Collected: 04/11/23 00:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3062 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 18:37	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432786	04/19/23 11:27	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433093	04/22/23 21:56	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.01 g	20.0 mL	432359	04/14/23 11:24	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432559	04/18/23 04:21	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432560	04/18/23 04:23	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 15:21	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.85 g	50 mL	432763	04/19/23 09:43	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 03:23	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433809	05/01/23 08:15	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:29	MTW	EET PIT
	Instrument ID: HGZ									

Laboratory References:
EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Analyst References:

Lab: EET PIT

- Batch Type: Cleanup
  - JMO = John Oravec
- Batch Type: Prep
  - AAS = Arianna Swick
  - HCY = Harrison Yaeger
  - JBP = Jack Prothero
  - MTW = Michael Wesoloski
  - PJJ = Patrick Journet
- Batch Type: Analysis
  - CMR = Carl Reagle
  - JMO = John Oravec
  - MTW = Michael Wesoloski
  - PJJ = Patrick Journet
  - RJG = Rob Good
  - VVP = Vincent Piccolino

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Date Collected: 04/11/23 10:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-1
Matrix: Solid
Percent Solids: 92.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Benzene	**1.7**	**J**	4.9	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Bromoform	ND		4.9	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Bromomethane	ND		4.9	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
2-Butanone (MEK)	ND		4.9	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Carbon disulfide	ND	*+	4.9	3.9	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Carbon tetrachloride	ND		4.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Chlorobenzene	ND		4.9	1.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Chlorobromomethane	ND		4.9	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Chlorodibromomethane	ND		4.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Chloroethane	ND		4.9	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Chloroform	ND		4.9	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Chloromethane	ND		4.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
cis-1,2-Dichloroethene	ND		4.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
cis-1,3-Dichloropropene	ND		4.9	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Cyclohexane	ND		4.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,2-Dibromo-3-Chloropropane	ND		4.9	3.2	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,2-Dibromoethane	ND		4.9	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,2-Dichlorobenzene	ND		4.9	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,3-Dichlorobenzene	ND		4.9	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,4-Dichlorobenzene	ND		4.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Dichlorobromomethane	ND		4.9	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Dichlorodifluoromethane	ND	*+	4.9	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,1-Dichloroethane	ND		4.9	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,2-Dichloroethane	ND		4.9	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,1-Dichloroethene	ND		4.9	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,2-Dichloroethene, Total	ND		9.9	4.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,2-Dichloropropane	ND		4.9	1.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,4-Dioxane	ND		990	35	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Ethylbenzene	ND		4.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
2-Hexanone	ND		4.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Isopropylbenzene	ND		4.9	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Methyl acetate	ND	*+	25	7.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Methylcyclohexane	ND		4.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Methylene Chloride	ND		4.9	4.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
4-Methyl-2-pentanone (MIBK)	ND		4.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Methyl tert-butyl ether	ND		4.9	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
m-Xylene & p-Xylene	ND		4.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
o-Xylene	ND		4.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Styrene	ND		4.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,1,2,2-Tetrachloroethane	ND		4.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Tetrachloroethene	ND		4.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Toluene	ND		4.9	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
trans-1,2-Dichloroethene	ND		4.9	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
trans-1,3-Dichloropropene	ND		4.9	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,2,3-Trichlorobenzene	ND		4.9	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,2,4-Trichlorobenzene	ND		4.9	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,1,1-Trichloroethane	ND		4.9	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,1,2-Trichloroethane	ND		4.9	0.98	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Date Collected: 04/11/23 10:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-1
Matrix: Solid
Percent Solids: 92.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Trichlorofluoromethane	ND		4.9	4.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	4.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Vinyl chloride	ND		4.9	3.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1
Xylenes, Total	ND		9.9	7.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*	*04/18/23 07:04*	*04/18/23 16:54*	*1*
Dibromofluoromethane (Surr)	*124*		*69 - 126*	*04/18/23 07:04*	*04/18/23 16:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*		*73 - 135*	*04/18/23 07:04*	*04/18/23 16:54*	*1*
Toluene-d8 (Surr)	*105*		*67 - 134*	*04/18/23 07:04*	*04/18/23 16:54*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		72	21	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Acenaphthylene	**44**	**J**	72	16	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Acetophenone	ND		720	130	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Anthracene	**20**	**J**	72	19	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Atrazine	ND		720	160	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Benzaldehyde	ND		720	45	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Benzo[a]anthracene	**53**	**J**	72	32	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Benzo[a]pyrene	**60**	**J**	72	31	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Benzo[b]fluoranthene	**84**		72	18	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Benzo[g,h,i]perylene	**49**	**J**	72	16	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Benzo[k]fluoranthene	**30**	**J**	72	22	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Bis(2-chloroethyl)ether	ND		72	13	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Bis(2-ethylhexyl) phthalate	ND		3600	380	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
4-Bromophenyl phenyl ether	ND		360	150	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Carbazole	ND		72	17	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
4-Chloroaniline	ND	F1	360	94	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2-Chloronaphthalene	ND		72	16	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Chrysene	**73**		72	40	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Dibenz(a,h)anthracene	ND		72	46	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Dibenzofuran	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
3,3'-Dichlorobenzidine	ND		360	330	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2,4-Dichlorophenol	ND		72	28	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Dimethyl phthalate	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
4,6-Dinitro-2-methylphenol	ND		1800	620	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2,4-Dinitrophenol	ND		3600	2200	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2,4-Dinitrotoluene	ND		360	210	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Date Collected: 04/11/23 10:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-1
Matrix: Solid
Percent Solids: 92.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
1,4-Dioxane	ND		720	110	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Fluoranthene	**76**		72	19	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Fluorene	ND		72	14	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Hexachlorobenzene	ND		72	26	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Hexachlorobutadiene	ND		72	21	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Hexachlorocyclopentadiene	ND		360	37	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Indeno[1,2,3-cd]pyrene	**42**	**J**	72	36	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Isophorone	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2-Methylnaphthalene	ND		72	17	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2-Methylphenol	ND		360	100	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Naphthalene	ND		72	14	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
3-Nitroaniline	ND		1800	91	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Nitrobenzene	ND		720	130	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
N-Nitrosodi-n-propylamine	ND		72	24	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2,2'-oxybis[1-chloropropane]	ND		72	27	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Pentachlorophenol	ND		1800	580	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Phenanthrene	**32**	**J**	72	19	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Phenol	ND		360	110	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
Pyrene	**76**		72	17	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2,4,5-Trichlorophenol	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/21/23 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*44 - 105*	*04/19/23 11:27*	*04/21/23 12:42*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*04/19/23 11:27*	*04/21/23 12:42*	*1*
Nitrobenzene-d5 (Surr)	*73*		*46 - 105*	*04/19/23 11:27*	*04/21/23 12:42*	*1*
Phenol-d5 (Surr)	*64*		*46 - 105*	*04/19/23 11:27*	*04/21/23 12:42*	*1*
Terphenyl-d14 (Surr)	*61*		*39 - 105*	*04/19/23 11:27*	*04/21/23 12:42*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*34 - 108*	*04/19/23 11:27*	*04/21/23 12:42*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	04/14/23 11:24	04/19/23 08:06	1
PCB-1221	ND		18	6.3	ug/Kg	☼	04/14/23 11:24	04/19/23 08:06	1
PCB-1232	ND		18	4.3	ug/Kg	☼	04/14/23 11:24	04/19/23 08:06	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/14/23 11:24	04/19/23 08:06	1
PCB-1248	**180**		18	4.3	ug/Kg	☼	04/14/23 11:24	04/19/23 08:06	1
PCB-1254	**81**		18	5.3	ug/Kg	☼	04/14/23 11:24	04/19/23 08:06	1
PCB-1260	ND		18	5.0	ug/Kg	☼	04/14/23 11:24	04/19/23 08:06	1

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83

Lab Sample ID: 180-154916-1
Date Collected: 04/11/23 10:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 92.9

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		18	6.2	ug/Kg	☼	04/14/23 11:24	04/19/23 08:06	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/14/23 11:24	04/19/23 08:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*116*		*63 - 138*	*04/14/23 11:24*	*04/19/23 08:06*	*1*
DCB Decachlorobiphenyl (Surr)	*118*		*63 - 138*	*04/14/23 11:24*	*04/19/23 08:06*	*1*
Tetrachloro-m-xylene (Surr)	*115*		*55 - 135*	*04/14/23 11:24*	*04/19/23 08:06*	*1*
Tetrachloro-m-xylene (Surr)	*105*		*55 - 135*	*04/14/23 11:24*	*04/19/23 08:06*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8900**		12	2.9	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Antimony	ND		0.94	0.29	mg/Kg	☼	05/01/23 11:30	05/02/23 10:31	1
Arsenic	**7.8**		0.59	0.37	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Barium	**220**		12	2.1	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Beryllium	**0.42**		0.23	0.064	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Cadmium	**0.34**		0.29	0.043	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Calcium	**9300**		290	38	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Chromium	**11**		0.29	0.27	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Cobalt	**8.3**		2.9	0.41	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Copper	**32**		1.5	0.88	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Iron	**18000**	**B**	5.9	5.7	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Lead	**32**		0.59	0.51	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Magnesium	**3600**		290	32	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Manganese	**370**		0.88	0.16	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Nickel	**22**		2.3	0.29	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Potassium	**540**		290	50	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Selenium	**0.38**	**J**	0.59	0.27	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Silver	ND		0.29	0.061	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Sodium	**50**	**J**	290	30	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Thallium	**0.67**	**J**	1.2	0.17	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Vanadium	**14**		2.9	0.46	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1
Zinc	**220**	**B**	1.2	0.85	mg/Kg	☼	04/19/23 09:46	04/25/23 13:03	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**		0.034	0.022	mg/Kg	☼	05/01/23 08:15	05/02/23 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**7.1**		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	**92.9**		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV59-0-0.17

Lab Sample ID: 180-154916-2
Date Collected: 04/11/23 10:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 92.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.1	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Benzene	ND		5.3	1.5	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV59-0-0.17
Date Collected: 04/11/23 10:05
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-2
Matrix: Solid
Percent Solids: 92.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.3	2.7	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Bromomethane	ND		5.3	2.4	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
2-Butanone (MEK)	ND		5.3	2.7	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Carbon disulfide	ND	*+	5.3	4.2	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Carbon tetrachloride	ND		5.3	2.2	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Chlorobenzene	ND		5.3	1.4	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Chlorobromomethane	ND		5.3	3.2	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Chlorodibromomethane	ND		5.3	2.6	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Chloroethane	ND		5.3	3.1	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Chloroform	ND		5.3	1.7	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Chloromethane	ND		5.3	2.1	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
cis-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Cyclohexane	ND		5.3	2.5	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,2-Dibromo-3-Chloropropane	ND		5.3	3.4	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,2-Dibromoethane	ND		5.3	1.5	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,2-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,3-Dichlorobenzene	ND		5.3	3.3	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,4-Dichlorobenzene	ND		5.3	1.6	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Dichlorobromomethane	ND		5.3	2.5	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Dichlorodifluoromethane	ND	*+	5.3	2.6	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,1-Dichloroethane	ND		5.3	1.7	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,2-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,1-Dichloroethene	ND		5.3	2.4	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,2-Dichloroethene, Total	ND		11	4.3	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,2-Dichloropropane	ND		5.3	1.4	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Ethylbenzene	ND		5.3	2.0	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
2-Hexanone	ND		5.3	1.7	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Isopropylbenzene	ND		5.3	2.8	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Methyl acetate	ND	*+	27	7.8	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Methylcyclohexane	ND		5.3	2.6	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Methylene Chloride	ND		5.3	4.8	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.9	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Methyl tert-butyl ether	ND		5.3	1.6	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
m-Xylene & p-Xylene	ND		5.3	1.9	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
o-Xylene	ND		5.3	2.1	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Styrene	ND		5.3	1.6	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.6	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Tetrachloroethene	ND		5.3	2.1	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Toluene	ND		5.3	1.5	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
trans-1,2-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
trans-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,2,3-Trichlorobenzene	ND		5.3	2.9	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,1,1-Trichloroethane	ND		5.3	1.8	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
1,1,2-Trichloroethane	ND		5.3	1.0	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Trichloroethene	ND		5.3	1.7	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Trichlorofluoromethane	ND		5.3	4.4	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1

Client Sample ID: SSHS-IRM5A2-SCV59-0-0.17

Date Collected: 04/11/23 10:05
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-2

Matrix: Solid
Percent Solids: 92.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	5.3	2.1	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Vinyl chloride	ND		5.3	3.8	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1
Xylenes, Total	ND		11	7.6	ug/Kg	☼	04/18/23 18:30	04/18/23 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*60 - 124*	*04/18/23 18:30*	*04/18/23 20:51*	*1*
Dibromofluoromethane (Surr)	*125*		*69 - 126*	*04/18/23 18:30*	*04/18/23 20:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*144*	*S1+*	*73 - 135*	*04/18/23 18:30*	*04/18/23 20:51*	*1*
Toluene-d8 (Surr)	*103*		*67 - 134*	*04/18/23 18:30*	*04/18/23 20:51*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		73	21	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Acenaphthylene	**55**	**J**	73	16	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Acetophenone	ND		730	130	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Anthracene	**46**	**J**	73	19	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Atrazine	ND		730	160	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Benzaldehyde	ND		730	45	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Benzo[a]anthracene	**140**		73	33	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Benzo[a]pyrene	**130**		73	31	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Benzo[b]fluoranthene	**180**		73	18	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Benzo[g,h,i]perylene	**110**		73	16	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Benzo[k]fluoranthene	**68**	**J**	73	22	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Bis(2-chloroethyl)ether	ND		73	13	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
4-Bromophenyl phenyl ether	ND		360	150	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Caprolactam	ND		1800	240	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Carbazole	ND		73	17	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
4-Chloroaniline	ND		360	95	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2-Chloronaphthalene	ND		73	17	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Chrysene	**170**		73	40	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Dibenz(a,h)anthracene	ND		73	46	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Dibenzofuran	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2,4-Dichlorophenol	ND		73	28	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Dimethyl phthalate	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
4,6-Dinitro-2-methylphenol	ND		1800	620	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2,4-Dinitrophenol	ND		3600	2200	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1

Client Sample ID: SSHS-IRM5A2-SCV59-0-0.17

Date Collected: 04/11/23 10:05
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-2

Matrix: Solid
Percent Solids: 92.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		730	110	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Fluoranthene	**190**		73	19	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Fluorene	ND		73	14	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Hexachlorobenzene	ND		73	26	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Hexachlorobutadiene	ND		73	21	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Hexachlorocyclopentadiene	ND		360	37	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Indeno[1,2,3-cd]pyrene	**81**		73	36	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Isophorone	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2-Methylnaphthalene	**17**	**J**	73	17	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2-Methylphenol	ND		360	100	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Naphthalene	**31**	**J**	73	14	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
3-Nitroaniline	ND		1800	92	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Nitrobenzene	ND		730	130	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
N-Nitrosodi-n-propylamine	ND		73	25	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2,2'-oxybis[1-chloropropane]	ND		73	27	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Pentachlorophenol	ND		1800	580	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Phenanthrene	**76**		73	19	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Phenol	ND		360	110	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
Pyrene	**210**		73	17	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/21/23 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*44 - 105*	*04/19/23 11:27*	*04/21/23 13:49*	*1*
2-Fluorophenol (Surr)	*58*		*48 - 105*	*04/19/23 11:27*	*04/21/23 13:49*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*04/19/23 11:27*	*04/21/23 13:49*	*1*
Phenol-d5 (Surr)	*64*		*46 - 105*	*04/19/23 11:27*	*04/21/23 13:49*	*1*
Terphenyl-d14 (Surr)	*62*		*39 - 105*	*04/19/23 11:27*	*04/21/23 13:49*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*34 - 108*	*04/19/23 11:27*	*04/21/23 13:49*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	04/14/23 11:24	04/19/23 09:03	1
PCB-1221	ND		18	6.3	ug/Kg	☼	04/14/23 11:24	04/19/23 09:03	1
PCB-1232	ND		18	4.3	ug/Kg	☼	04/14/23 11:24	04/19/23 09:03	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/14/23 11:24	04/19/23 09:03	1
PCB-1248	**430**		18	4.3	ug/Kg	☼	04/14/23 11:24	04/19/23 09:03	1
PCB-1254	**230**		18	5.3	ug/Kg	☼	04/14/23 11:24	04/19/23 09:03	1
PCB-1260	ND		18	5.1	ug/Kg	☼	04/14/23 11:24	04/19/23 09:03	1
PCB-1262	ND		18	6.3	ug/Kg	☼	04/14/23 11:24	04/19/23 09:03	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/14/23 11:24	04/19/23 09:03	1

Client Sample ID: SSHS-IRM5A2-SCV59-0-0.17

Lab Sample ID: 180-154916-2

Date Collected: 04/11/23 10:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 92.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*97*		*63 - 138*	*04/14/23 11:24*	*04/19/23 09:03*	*1*
DCB Decachlorobiphenyl (Surr)	*111*		*63 - 138*	*04/14/23 11:24*	*04/19/23 09:03*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*55 - 135*	*04/14/23 11:24*	*04/19/23 09:03*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*55 - 135*	*04/14/23 11:24*	*04/19/23 09:03*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5600**		9.2	2.3	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Antimony	ND		0.65	0.20	mg/Kg	☼	05/01/23 11:30	05/02/23 10:36	1
Arsenic	**6.0**		0.46	0.29	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Barium	**52**		9.2	1.6	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Beryllium	**0.26**		0.18	0.050	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Cadmium	**1.1**		0.23	0.034	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Calcium	**13000**		230	30	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Chromium	**10**		0.23	0.21	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Cobalt	**6.4**		2.3	0.32	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Copper	**29**		1.1	0.69	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Iron	**17000**	**B**	4.6	4.5	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Lead	**35**		0.46	0.40	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Magnesium	**3900**		230	25	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Manganese	**310**		0.69	0.13	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Nickel	**18**		1.8	0.23	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Potassium	**350**		230	39	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Selenium	**0.38**	**J**	0.46	0.21	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Silver	ND		0.23	0.048	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Sodium	**39**	**J**	230	24	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Thallium	**0.56**	**J**	0.92	0.13	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Vanadium	**11**		2.3	0.36	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1
Zinc	**1100**	**B**	0.92	0.67	mg/Kg	☼	04/19/23 09:46	04/25/23 13:08	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.28**		0.036	0.023	mg/Kg	☼	05/01/23 08:15	05/02/23 12:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**7.9**		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	**92.1**		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV59-0.17-0.83

Lab Sample ID: 180-154916-3

Date Collected: 04/11/23 10:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 94.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		19	3.7	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Benzene	ND		4.8	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Bromoform	ND		4.8	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Bromomethane	ND		4.8	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
2-Butanone (MEK)	ND		4.8	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Carbon disulfide	ND	*+	4.8	3.8	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV59-0.17-0.83
Date Collected: 04/11/23 10:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-3
Matrix: Solid
Percent Solids: 94.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.8	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Chlorobenzene	ND		4.8	1.2	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Chlorobromomethane	ND		4.8	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Chlorodibromomethane	ND		4.8	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Chloroethane	ND		4.8	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Chloroform	ND		4.8	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Chloromethane	ND		4.8	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
cis-1,2-Dichloroethene	ND		4.8	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
cis-1,3-Dichloropropene	ND		4.8	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Cyclohexane	ND		4.8	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,2-Dibromo-3-Chloropropane	ND		4.8	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,2-Dibromoethane	ND		4.8	1.3	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,2-Dichlorobenzene	ND		4.8	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,3-Dichlorobenzene	ND		4.8	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,4-Dichlorobenzene	ND		4.8	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Dichlorobromomethane	ND		4.8	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Dichlorodifluoromethane	ND	*+	4.8	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,1-Dichloroethane	ND		4.8	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,2-Dichloroethane	ND		4.8	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,1-Dichloroethene	ND		4.8	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,2-Dichloroethene, Total	ND		9.6	3.9	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,2-Dichloropropane	ND		4.8	1.3	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,4-Dioxane	ND		960	34	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Ethylbenzene	ND		4.8	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
2-Hexanone	ND		4.8	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Isopropylbenzene	ND		4.8	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Methyl acetate	ND	*+	24	7.1	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Methylcyclohexane	ND		4.8	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Methylene Chloride	ND		4.8	4.3	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
4-Methyl-2-pentanone (MIBK)	ND		4.8	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Methyl tert-butyl ether	ND		4.8	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
m-Xylene & p-Xylene	ND		4.8	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
o-Xylene	ND		4.8	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Styrene	ND		4.8	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,1,2,2-Tetrachloroethane	ND		4.8	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Tetrachloroethene	ND		4.8	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Toluene	ND		4.8	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
trans-1,2-Dichloroethene	ND		4.8	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
trans-1,3-Dichloropropene	ND		4.8	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,2,3-Trichlorobenzene	ND		4.8	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,2,4-Trichlorobenzene	ND		4.8	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,1,1-Trichloroethane	ND		4.8	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,1,2-Trichloroethane	ND		4.8	0.95	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Trichloroethene	ND		4.8	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Trichlorofluoromethane	ND		4.8	4.0	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	4.8	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Vinyl chloride	ND		4.8	3.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1
Xylenes, Total	ND		9.6	6.9	ug/Kg	☼	04/18/23 07:04	04/18/23 19:20	1

Client Sample ID: SSHS-IRM5A2-SCV59-0.17-0.83

Date Collected: 04/11/23 10:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-3

Matrix: Solid
Percent Solids: 94.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*60 - 124*	*04/18/23 07:04*	*04/18/23 19:20*	*1*
Dibromofluoromethane (Surr)	*131*	*S1+*	*69 - 126*	*04/18/23 07:04*	*04/18/23 19:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*145*	*S1+*	*73 - 135*	*04/18/23 07:04*	*04/18/23 19:20*	*1*
Toluene-d8 (Surr)	*112*		*67 - 134*	*04/18/23 07:04*	*04/18/23 19:20*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		71	20	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Acenaphthylene	**22**	**J**	71	15	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Acetophenone	ND		710	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Anthracene	ND		71	18	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Atrazine	ND		710	150	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Benzaldehyde	ND		710	44	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Benzo[a]anthracene	**58**	**J**	71	32	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Benzo[a]pyrene	**60**	**J**	71	30	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Benzo[b]fluoranthene	**89**		71	17	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Benzo[g,h,i]perylene	**48**	**J**	71	15	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Benzo[k]fluoranthene	**38**	**J**	71	21	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
1,1'-Biphenyl	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Bis(2-chloroethoxy)methane	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Bis(2-chloroethyl)ether	ND		71	13	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Bis(2-ethylhexyl) phthalate	ND		3500	370	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
4-Bromophenyl phenyl ether	ND		350	150	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Butyl benzyl phthalate	ND		350	240	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Carbazole	ND		71	16	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
4-Chloroaniline	ND		350	92	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
4-Chloro-3-methylphenol	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2-Chloronaphthalene	ND		71	16	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2-Chlorophenol	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
4-Chlorophenyl phenyl ether	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Chrysene	**76**		71	39	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Dibenz(a,h)anthracene	ND		71	45	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Dibenzofuran	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
3,3'-Dichlorobenzidine	ND		350	330	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2,4-Dichlorophenol	ND		71	27	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Diethyl phthalate	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2,4-Dimethylphenol	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Dimethyl phthalate	ND		350	140	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Di-n-butyl phthalate	ND		350	150	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
4,6-Dinitro-2-methylphenol	ND		1800	610	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2,4-Dinitrophenol	ND		3500	2200	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2,4-Dinitrotoluene	ND		350	210	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2,6-Dinitrotoluene	ND		350	140	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Di-n-octyl phthalate	ND		350	200	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
1,4-Dioxane	ND		710	110	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Fluoranthene	**80**		71	19	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Fluorene	ND		71	14	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Hexachlorobenzene	ND		71	25	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Hexachlorobutadiene	ND		71	21	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1

Client Sample ID: SSHS-IRM5A2-SCV59-0.17-0.83
Date Collected: 04/11/23 10:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-3
Matrix: Solid
Percent Solids: 94.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		350	36	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Hexachloroethane	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Indeno[1,2,3-cd]pyrene	**41**	**J**	71	35	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Isophorone	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2-Methylnaphthalene	ND		71	17	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2-Methylphenol	ND		350	100	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Methylphenol, 3 & 4	ND		350	100	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Naphthalene	ND		71	14	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
3-Nitroaniline	ND		1800	89	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Nitrobenzene	ND		710	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2-Nitrophenol	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
N-Nitrosodi-n-propylamine	ND		71	24	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
N-Nitrosodiphenylamine	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2,2'-oxybis[1-chloropropane]	ND		71	26	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Pentachlorophenol	ND		1800	570	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Phenanthrene	**36**	**J**	71	19	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Phenol	ND		350	110	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
Pyrene	**99**		71	17	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
1,2,4,5-Tetrachlorobenzene	ND		350	140	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2,3,4,6-Tetrachlorophenol	ND		350	150	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2,4,5-Trichlorophenol	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1
2,4,6-Trichlorophenol	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*04/19/23 11:27*	*04/21/23 14:11*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*04/19/23 11:27*	*04/21/23 14:11*	*1*
Nitrobenzene-d5 (Surr)	*87*		*46 - 105*	*04/19/23 11:27*	*04/21/23 14:11*	*1*
Phenol-d5 (Surr)	*75*		*46 - 105*	*04/19/23 11:27*	*04/21/23 14:11*	*1*
Terphenyl-d14 (Surr)	*86*		*39 - 105*	*04/19/23 11:27*	*04/21/23 14:11*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*	*04/19/23 11:27*	*04/21/23 14:11*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.6	ug/Kg	☼	04/14/23 11:24	04/19/23 09:22	1
PCB-1221	ND		17	6.1	ug/Kg	☼	04/14/23 11:24	04/19/23 09:22	1
PCB-1232	ND		17	4.2	ug/Kg	☼	04/14/23 11:24	04/19/23 09:22	1
PCB-1242	ND		17	2.5	ug/Kg	☼	04/14/23 11:24	04/19/23 09:22	1
PCB-1248	**330**		17	4.1	ug/Kg	☼	04/14/23 11:24	04/19/23 09:22	1
PCB-1254	**170**		17	5.2	ug/Kg	☼	04/14/23 11:24	04/19/23 09:22	1
PCB-1260	ND		17	4.9	ug/Kg	☼	04/14/23 11:24	04/19/23 09:22	1
PCB-1262	ND		17	6.1	ug/Kg	☼	04/14/23 11:24	04/19/23 09:22	1
PCB-1268	ND		17	2.3	ug/Kg	☼	04/14/23 11:24	04/19/23 09:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*103*		*63 - 138*	*04/14/23 11:24*	*04/19/23 09:22*	*1*
DCB Decachlorobiphenyl (Surr)	*109*		*63 - 138*	*04/14/23 11:24*	*04/19/23 09:22*	*1*
Tetrachloro-m-xylene (Surr)	*107*		*55 - 135*	*04/14/23 11:24*	*04/19/23 09:22*	*1*

Client Sample ID: SSHS-IRM5A2-SCV59-0.17-0.83

Lab Sample ID: 180-154916-3
Date Collected: 04/11/23 10:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 94.8

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	97		55 - 135	04/14/23 11:24	04/19/23 09:22	1

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5100		12	3.0	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Antimony	ND		0.75	0.23	mg/Kg	☼	05/01/23 11:30	05/02/23 10:42	1
Arsenic	6.5		0.59	0.37	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Barium	34		12	2.1	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Beryllium	0.24		0.24	0.065	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Cadmium	3.1		0.30	0.043	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Calcium	90000		1500	190	mg/Kg	☼	04/19/23 09:46	04/26/23 11:09	5
Chromium	9.4		0.30	0.27	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Cobalt	5.5		3.0	0.42	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Copper	18		1.5	0.89	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Iron	11000	B	5.9	5.8	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Lead	24		0.59	0.52	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Magnesium	5100		300	33	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Manganese	440		0.89	0.16	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Nickel	15		2.4	0.30	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Potassium	720		300	50	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Selenium	0.42	J	0.59	0.27	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Silver	ND		0.30	0.062	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Sodium	86	J	300	30	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Thallium	0.57	J	1.2	0.17	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Vanadium	13		3.0	0.47	mg/Kg	☼	04/19/23 09:46	04/25/23 13:14	1
Zinc	2600	B	5.9	4.3	mg/Kg	☼	04/19/23 09:46	04/26/23 11:09	5

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.057		0.032	0.020	mg/Kg	☼	05/01/23 08:15	05/02/23 12:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	5.2		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	94.8		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV59-0.83-1.83

Lab Sample ID: 180-154916-4
Date Collected: 04/11/23 10:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 93.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.8	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Benzene	ND		4.9	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Bromoform	ND		4.9	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Bromomethane	ND		4.9	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
2-Butanone (MEK)	ND		4.9	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Carbon disulfide	ND	*+	4.9	3.9	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Carbon tetrachloride	ND		4.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Chlorobenzene	ND		4.9	1.3	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV59-0.83-1.83
Date Collected: 04/11/23 10:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-4
Matrix: Solid
Percent Solids: 93.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		4.9	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Chlorodibromomethane	ND		4.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Chloroethane	ND		4.9	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Chloroform	ND		4.9	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Chloromethane	ND		4.9	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
cis-1,2-Dichloroethene	ND		4.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
cis-1,3-Dichloropropene	ND		4.9	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Cyclohexane	ND		4.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,2-Dibromo-3-Chloropropane	ND		4.9	3.2	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,2-Dibromoethane	ND		4.9	1.3	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,2-Dichlorobenzene	ND		4.9	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,3-Dichlorobenzene	ND		4.9	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,4-Dichlorobenzene	ND		4.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Dichlorobromomethane	ND		4.9	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Dichlorodifluoromethane	ND	*+	4.9	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,1-Dichloroethane	ND		4.9	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,2-Dichloroethane	ND		4.9	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,1-Dichloroethene	ND		4.9	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,2-Dichloroethene, Total	ND		9.8	4.0	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,2-Dichloropropane	ND		4.9	1.3	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,4-Dioxane	ND		980	35	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Ethylbenzene	ND		4.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
2-Hexanone	ND		4.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Isopropylbenzene	ND		4.9	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Methyl acetate	ND	*+	25	7.2	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Methylcyclohexane	ND		4.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Methylene Chloride	ND		4.9	4.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
4-Methyl-2-pentanone (MIBK)	ND		4.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Methyl tert-butyl ether	ND		4.9	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
m-Xylene & p-Xylene	ND		4.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
o-Xylene	ND		4.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Styrene	ND		4.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,1,2,2-Tetrachloroethane	ND		4.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Tetrachloroethene	ND		4.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Toluene	ND		4.9	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
trans-1,2-Dichloroethene	ND		4.9	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
trans-1,3-Dichloropropene	ND		4.9	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,2,3-Trichlorobenzene	ND		4.9	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,2,4-Trichlorobenzene	ND		4.9	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,1,1-Trichloroethane	ND		4.9	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,1,2-Trichloroethane	ND		4.9	0.97	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Trichloroethene	ND		4.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Trichlorofluoromethane	ND		4.9	4.1	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	4.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Vinyl chloride	ND		4.9	3.5	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1
Xylenes, Total	ND		9.8	7.1	ug/Kg	☼	04/18/23 07:04	04/18/23 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*60 - 124*	*04/18/23 07:04*	*04/18/23 19:43*	*1*
Dibromofluoromethane (Surr)	*90*		*69 - 126*	*04/18/23 07:04*	*04/18/23 19:43*	*1*

Client Sample ID: SSHS-IRM5A2-SCV59-0.83-1.83
Date Collected: 04/11/23 10:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-4
Matrix: Solid
Percent Solids: 93.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*73 - 135*	*04/18/23 07:04*	*04/18/23 19:43*	*1*
Toluene-d8 (Surr)	*74*		*67 - 134*	*04/18/23 07:04*	*04/18/23 19:43*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		72	21	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Acenaphthylene	**63**	**J**	72	16	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Acetophenone	ND		720	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Anthracene	**81**		72	19	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Atrazine	ND		720	160	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Benzaldehyde	ND		720	44	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Benzo[a]anthracene	**350**		72	32	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Benzo[a]pyrene	**280**		72	31	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Benzo[b]fluoranthene	**410**		72	18	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Benzo[g,h,i]perylene	**230**		72	15	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Benzo[k]fluoranthene	**130**		72	21	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
1,1'-Biphenyl	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Bis(2-chloroethoxy)methane	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Bis(2-chloroethyl)ether	ND		72	13	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Bis(2-ethylhexyl) phthalate	ND		3500	380	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
4-Bromophenyl phenyl ether	ND		350	150	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Butyl benzyl phthalate	ND		350	250	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Carbazole	**18**	**J**	72	17	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
4-Chloroaniline	ND		350	94	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
4-Chloro-3-methylphenol	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2-Chloronaphthalene	ND		72	16	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2-Chlorophenol	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
4-Chlorophenyl phenyl ether	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Chrysene	**410**		72	40	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Dibenz(a,h)anthracene	**67**	**J**	72	46	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Dibenzofuran	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
3,3'-Dichlorobenzidine	ND		350	330	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2,4-Dichlorophenol	ND		72	28	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Diethyl phthalate	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2,4-Dimethylphenol	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Dimethyl phthalate	ND		350	140	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Di-n-butyl phthalate	ND		350	160	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
4,6-Dinitro-2-methylphenol	ND		1800	620	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2,4-Dinitrophenol	ND		3500	2200	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2,4-Dinitrotoluene	ND		350	210	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2,6-Dinitrotoluene	ND		350	140	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Di-n-octyl phthalate	ND		350	210	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
1,4-Dioxane	ND		720	110	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Fluoranthene	**490**		72	19	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Fluorene	ND		72	14	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Hexachlorobenzene	ND		72	26	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Hexachlorobutadiene	ND		72	21	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Hexachlorocyclopentadiene	ND		350	37	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1

Client Sample ID: SSHS-IRM5A2-SCV59-0.83-1.83
Date Collected: 04/11/23 10:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-4
Matrix: Solid
Percent Solids: 93.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Indeno[1,2,3-cd]pyrene	**180**		72	36	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Isophorone	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2-Methylnaphthalene	**27**	**J**	72	17	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2-Methylphenol	ND		350	100	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Methylphenol, 3 & 4	ND		350	110	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Naphthalene	**35**	**J**	72	14	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
3-Nitroaniline	ND		1800	91	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Nitrobenzene	ND		720	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2-Nitrophenol	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
N-Nitrosodi-n-propylamine	ND		72	24	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
N-Nitrosodiphenylamine	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2,2'-oxybis[1-chloropropane]	ND		72	26	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Pentachlorophenol	ND		1800	570	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Phenanthrene	**280**		72	19	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Phenol	ND		350	110	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
Pyrene	**640**		72	17	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
1,2,4,5-Tetrachlorobenzene	ND		350	140	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2,3,4,6-Tetrachlorophenol	ND		350	150	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2,4,5-Trichlorophenol	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1
2,4,6-Trichlorophenol	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/21/23 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*04/19/23 11:27*	*04/21/23 14:33*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*04/19/23 11:27*	*04/21/23 14:33*	*1*
Nitrobenzene-d5 (Surr)	*79*		*46 - 105*	*04/19/23 11:27*	*04/21/23 14:33*	*1*
Phenol-d5 (Surr)	*76*		*46 - 105*	*04/19/23 11:27*	*04/21/23 14:33*	*1*
Terphenyl-d14 (Surr)	*76*		*39 - 105*	*04/19/23 11:27*	*04/21/23 14:33*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*34 - 108*	*04/19/23 11:27*	*04/21/23 14:33*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	04/14/23 11:24	04/19/23 09:41	1
PCB-1221	ND		18	6.3	ug/Kg	☼	04/14/23 11:24	04/19/23 09:41	1
PCB-1232	ND		18	4.3	ug/Kg	☼	04/14/23 11:24	04/19/23 09:41	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/14/23 11:24	04/19/23 09:41	1
PCB-1248	**2600**		18	4.3	ug/Kg	☼	04/14/23 11:24	04/19/23 09:41	1
PCB-1254	**1300**		18	5.3	ug/Kg	☼	04/14/23 11:24	04/19/23 09:41	1
PCB-1260	ND		18	5.1	ug/Kg	☼	04/14/23 11:24	04/19/23 09:41	1
PCB-1262	ND		18	6.2	ug/Kg	☼	04/14/23 11:24	04/19/23 09:41	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/14/23 11:24	04/19/23 09:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*111*		*63 - 138*	*04/14/23 11:24*	*04/19/23 09:41*	*1*
DCB Decachlorobiphenyl (Surr)	*119*		*63 - 138*	*04/14/23 11:24*	*04/19/23 09:41*	*1*
Tetrachloro-m-xylene (Surr)	*115*		*55 - 135*	*04/14/23 11:24*	*04/19/23 09:41*	*1*
Tetrachloro-m-xylene (Surr)	*107*		*55 - 135*	*04/14/23 11:24*	*04/19/23 09:41*	*1*

Client Sample ID: SSHS-IRM5A2-SCV59-0.83-1.83

Lab Sample ID: 180-154916-4
Date Collected: 04/11/23 10:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 93.2

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7400		11	2.8	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Antimony	ND		0.81	0.25	mg/Kg	☼	05/01/23 11:30	05/02/23 10:47	1
Arsenic	7.8		0.56	0.35	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Barium	80		11	2.0	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Beryllium	0.35		0.22	0.061	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Cadmium	2.2		0.28	0.041	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Calcium	56000		1400	180	mg/Kg	☼	04/19/23 09:46	04/26/23 11:14	5
Chromium	13		0.28	0.25	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Cobalt	8.4		2.8	0.39	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Copper	36		1.4	0.84	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Iron	19000	B	5.6	5.4	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Lead	75		0.56	0.49	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Magnesium	11000		280	31	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Manganese	450		0.84	0.16	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Nickel	28		2.2	0.28	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Potassium	540		280	48	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Selenium	0.35	J	0.56	0.26	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Silver	ND		0.28	0.058	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Sodium	72	J	280	29	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Thallium	0.49	J	1.1	0.16	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Vanadium	13		2.8	0.44	mg/Kg	☼	04/19/23 09:46	04/25/23 13:19	1
Zinc	2800	B	5.6	4.1	mg/Kg	☼	04/19/23 09:46	04/26/23 11:14	5

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.033	0.021	mg/Kg	☼	05/01/23 08:15	05/02/23 12:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	6.8		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	93.2		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV60-0-0.25

Lab Sample ID: 180-154916-5
Date Collected: 04/11/23 10:20
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 82.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.2	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Benzene	ND		5.4	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Bromoform	ND		5.4	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Bromomethane	ND		5.4	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
2-Butanone (MEK)	ND		5.4	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Carbon disulfide	ND	*+	5.4	4.3	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Carbon tetrachloride	ND		5.4	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Chlorobenzene	ND		5.4	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Chlorobromomethane	ND		5.4	3.2	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Chlorodibromomethane	ND		5.4	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Chloroethane	ND		5.4	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Chloroform	ND		5.4	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV60-0-0.25
Date Collected: 04/11/23 10:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-5
Matrix: Solid
Percent Solids: 82.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.4	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
cis-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Cyclohexane	ND		5.4	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,2-Dibromo-3-Chloropropane	ND		5.4	3.5	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,2-Dibromoethane	ND		5.4	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,2-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,3-Dichlorobenzene	ND		5.4	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,4-Dichlorobenzene	ND		5.4	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Dichlorobromomethane	ND		5.4	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Dichlorodifluoromethane	ND	*+	5.4	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,1-Dichloroethane	ND		5.4	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,2-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,1-Dichloroethene	ND		5.4	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,2-Dichloropropane	ND		5.4	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Ethylbenzene	ND		5.4	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
2-Hexanone	ND		5.4	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Isopropylbenzene	ND		5.4	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Methyl acetate	ND	*+	27	7.9	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Methylcyclohexane	ND		5.4	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Methylene Chloride	ND		5.4	4.9	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.4	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Methyl tert-butyl ether	ND		5.4	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
m-Xylene & p-Xylene	ND		5.4	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
o-Xylene	ND		5.4	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Styrene	ND		5.4	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Tetrachloroethene	ND		5.4	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Toluene	ND		5.4	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
trans-1,2-Dichloroethene	ND		5.4	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,2,3-Trichlorobenzene	ND		5.4	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,1,1-Trichloroethane	ND		5.4	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,1,2-Trichloroethane	ND		5.4	1.1	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Trichloroethene	ND		5.4	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Trichlorofluoromethane	ND		5.4	4.5	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	5.4	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Vinyl chloride	ND		5.4	3.9	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1
Xylenes, Total	ND		11	7.8	ug/Kg	☼	04/18/23 07:04	04/18/23 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*60 - 124*	*04/18/23 07:04*	*04/18/23 20:06*	*1*
Dibromofluoromethane (Surr)	*86*		*69 - 126*	*04/18/23 07:04*	*04/18/23 20:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*73 - 135*	*04/18/23 07:04*	*04/18/23 20:06*	*1*
Toluene-d8 (Surr)	*70*		*67 - 134*	*04/18/23 07:04*	*04/18/23 20:06*	*1*

Client Sample ID: SSHS-IRM5A2-SCV60-0-0.25
Date Collected: 04/11/23 10:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-5
Matrix: Solid
Percent Solids: 82.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**63**	**J**	81	23	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Acenaphthylene	**110**		81	18	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Acetophenone	ND		810	140	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Anthracene	**230**		81	21	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Atrazine	ND		810	180	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Benzaldehyde	ND		810	50	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Benzo[a]anthracene	**790**		81	36	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Benzo[a]pyrene	**720**		81	35	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Benzo[b]fluoranthene	**1200**		81	20	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Benzo[g,h,i]perylene	**520**		81	17	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Benzo[k]fluoranthene	**370**		81	24	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Bis(2-chloroethyl)ether	ND		81	15	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Caprolactam	ND		2100	260	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Carbazole	**120**		81	19	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2-Chloronaphthalene	ND		81	19	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Chrysene	**850**		81	45	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Dibenz(a,h)anthracene	**140**		81	52	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2,4-Dichlorophenol	ND		81	31	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Di-n-octyl phthalate	ND		400	230	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
1,4-Dioxane	ND		810	130	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Fluoranthene	**1200**		81	21	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Fluorene	**65**	**J**	81	16	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Hexachlorobenzene	ND		81	29	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Hexachlorobutadiene	ND		81	24	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Hexachlorocyclopentadiene	ND		400	41	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Indeno[1,2,3-cd]pyrene	**430**		81	40	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Isophorone	ND		400	150	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2-Methylnaphthalene	**63**	**J**	81	19	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2-Methylphenol	ND		400	120	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1

Client Sample ID: SSHS-IRM5A2-SCV60-0-0.25

Date Collected: 04/11/23 10:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-5

Matrix: Solid
Percent Solids: 82.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Naphthalene	**120**		81	16	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2-Nitroaniline	ND		2100	180	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Nitrobenzene	ND		810	150	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
4-Nitrophenol	ND		2100	280	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
N-Nitrosodi-n-propylamine	ND		81	27	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2,2'-oxybis[1-chloropropane]	ND		81	30	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Pentachlorophenol	ND		2100	650	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Phenanthrene	**710**		81	22	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Phenol	ND		400	120	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
Pyrene	**1400**		81	19	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	04/19/23 11:27	04/20/23 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*44 - 105*	*04/19/23 11:27*	*04/20/23 15:57*	*1*
2-Fluorophenol (Surr)	*61*		*48 - 105*	*04/19/23 11:27*	*04/20/23 15:57*	*1*
Nitrobenzene-d5 (Surr)	*62*		*46 - 105*	*04/19/23 11:27*	*04/20/23 15:57*	*1*
Phenol-d5 (Surr)	*61*		*46 - 105*	*04/19/23 11:27*	*04/20/23 15:57*	*1*
Terphenyl-d14 (Surr)	*68*		*39 - 105*	*04/19/23 11:27*	*04/20/23 15:57*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*34 - 108*	*04/19/23 11:27*	*04/20/23 15:57*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	04/14/23 11:24	04/19/23 10:00	1
PCB-1221	ND		20	7.1	ug/Kg	☼	04/14/23 11:24	04/19/23 10:00	1
PCB-1232	ND		20	4.9	ug/Kg	☼	04/14/23 11:24	04/19/23 10:00	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/14/23 11:24	04/19/23 10:00	1
PCB-1248	**630**		20	4.8	ug/Kg	☼	04/14/23 11:24	04/19/23 10:00	1
PCB-1254	**310**		20	6.0	ug/Kg	☼	04/14/23 11:24	04/19/23 10:00	1
PCB-1260	ND		20	5.7	ug/Kg	☼	04/14/23 11:24	04/19/23 10:00	1
PCB-1262	ND		20	7.1	ug/Kg	☼	04/14/23 11:24	04/19/23 10:00	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/14/23 11:24	04/19/23 10:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*104*		*63 - 138*	*04/14/23 11:24*	*04/19/23 10:00*	*1*
DCB Decachlorobiphenyl (Surr)	*114*		*63 - 138*	*04/14/23 11:24*	*04/19/23 10:00*	*1*
Tetrachloro-m-xylene (Surr)	*113*		*55 - 135*	*04/14/23 11:24*	*04/19/23 10:00*	*1*
Tetrachloro-m-xylene (Surr)	*104*		*55 - 135*	*04/14/23 11:24*	*04/19/23 10:00*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8500**		13	3.3	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Antimony	ND		1.0	0.31	mg/Kg	☼	05/01/23 11:30	05/02/23 10:52	1

Client Sample ID: SSHS-IRM5A2-SCV60-0-0.25

Lab Sample ID: 180-154916-5
Date Collected: 04/11/23 10:20
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 82.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		0.66	0.41	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Barium	130		13	2.3	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Beryllium	0.50		0.26	0.072	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Cadmium	1.9		0.33	0.048	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Calcium	9100		330	43	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Chromium	31		0.33	0.30	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Cobalt	8.7		3.3	0.46	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Copper	58		1.6	0.99	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Iron	20000	B	6.6	6.4	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Lead	100		0.66	0.57	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Magnesium	3100		330	36	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Manganese	520		0.99	0.18	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Nickel	30		2.6	0.33	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Potassium	1200		330	56	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Selenium	1.9		0.66	0.30	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Silver	ND		0.33	0.068	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Sodium	51	J	330	34	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Thallium	0.59	J	1.3	0.19	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Vanadium	21		3.3	0.52	mg/Kg	☼	04/19/23 09:48	04/25/23 13:25	1
Zinc	2400	B	6.6	4.8	mg/Kg	☼	04/19/23 09:48	04/26/23 11:29	5

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.6		0.19	0.12	mg/Kg	☼	05/01/23 08:15	05/02/23 13:35	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	17.4		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	82.6		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV60-0.25-1.25

Lab Sample ID: 180-154916-6
Date Collected: 04/11/23 10:25
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 93.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	20	3.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Benzene	ND		5.0	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Bromoform	ND		5.0	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Bromomethane	ND		5.0	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
2-Butanone (MEK)	ND	*1	5.0	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Carbon disulfide	ND		5.0	4.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Chlorobenzene	ND		5.0	1.3	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Chloroethane	ND		5.0	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Chloroform	ND		5.0	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Chloromethane	ND		5.0	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1

Client Sample ID: SSHS-IRM5A2-SCV60-0.25-1.25
Date Collected: 04/11/23 10:25
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-6
Matrix: Solid
Percent Solids: 93.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Cyclohexane	ND		5.0	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,4-Dioxane	ND		1000	35	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Ethylbenzene	ND		5.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
2-Hexanone	ND		5.0	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Methyl acetate	ND		25	7.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Methylene Chloride	ND		5.0	4.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
o-Xylene	ND		5.0	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Styrene	ND		5.0	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Toluene	ND		5.0	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
trans-1,2-Dichloroethene	ND		5.0	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,2,3-Trichlorobenzene	ND		5.0	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Trichloroethene	ND		5.0	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Trichlorofluoromethane	ND		5.0	4.1	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Vinyl chloride	ND		5.0	3.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1
Xylenes, Total	ND		10	7.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*	*04/21/23 07:44*	*04/21/23 12:29*	*1*
Dibromofluoromethane (Surr)	*116*		*69 - 126*	*04/21/23 07:44*	*04/21/23 12:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*124*		*73 - 135*	*04/21/23 07:44*	*04/21/23 12:29*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/21/23 07:44*	*04/21/23 12:29*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		71	20	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1

Client Sample ID: SSHS-IRM5A2-SCV60-0.25-1.25
Date Collected: 04/11/23 10:25
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-6
Matrix: Solid
Percent Solids: 93.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		71	16	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Acetophenone	ND		710	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Anthracene	**19**	**J**	71	18	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Atrazine	ND		710	160	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Benzaldehyde	ND		710	44	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Benzo[a]anthracene	**80**		71	32	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Benzo[a]pyrene	**76**		71	31	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Benzo[b]fluoranthene	**130**		71	17	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Benzo[g,h,i]perylene	**51**	**J**	71	15	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Benzo[k]fluoranthene	**28**	**J**	71	21	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
1,1'-Biphenyl	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Bis(2-chloroethoxy)methane	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Bis(2-chloroethyl)ether	ND		71	13	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Bis(2-ethylhexyl) phthalate	ND		3500	380	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
4-Bromophenyl phenyl ether	ND		350	150	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Butyl benzyl phthalate	ND		350	240	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Carbazole	ND		71	17	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
4-Chloroaniline	ND		350	93	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
4-Chloro-3-methylphenol	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2-Chloronaphthalene	ND		71	16	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2-Chlorophenol	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
4-Chlorophenyl phenyl ether	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Chrysene	**86**		71	39	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Dibenz(a,h)anthracene	ND		71	45	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Dibenzofuran	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
3,3'-Dichlorobenzidine	ND		350	330	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2,4-Dichlorophenol	ND		71	27	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Diethyl phthalate	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2,4-Dimethylphenol	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Dimethyl phthalate	ND		350	140	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Di-n-butyl phthalate	ND		350	160	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
4,6-Dinitro-2-methylphenol	ND		1800	610	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2,4-Dinitrophenol	ND		3500	2200	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2,4-Dinitrotoluene	ND		350	210	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2,6-Dinitrotoluene	ND		350	140	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Di-n-octyl phthalate	ND		350	210	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
1,4-Dioxane	ND		710	110	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Fluoranthene	**110**		71	19	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Fluorene	ND		71	14	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Hexachlorobenzene	ND		71	25	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Hexachlorobutadiene	ND		71	21	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Hexachlorocyclopentadiene	ND		350	36	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Hexachloroethane	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Indeno[1,2,3-cd]pyrene	**47**	**J**	71	35	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Isophorone	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2-Methylnaphthalene	ND		71	17	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2-Methylphenol	ND		350	100	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Methylphenol, 3 & 4	ND		350	100	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1

Client Sample ID: SSHS-IRM5A2-SCV60-0.25-1.25
Date Collected: 04/11/23 10:25
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-6
Matrix: Solid
Percent Solids: 93.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		71	14	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
3-Nitroaniline	ND		1800	90	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Nitrobenzene	ND		710	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2-Nitrophenol	ND		350	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
N-Nitrosodi-n-propylamine	ND		71	24	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
N-Nitrosodiphenylamine	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2,2'-oxybis[1-chloropropane]	ND		71	26	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Pentachlorophenol	ND		1800	570	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Phenanthrene	**55**	**J**	71	19	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Phenol	ND		350	110	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
Pyrene	**120**		71	17	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
1,2,4,5-Tetrachlorobenzene	ND		350	140	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2,3,4,6-Tetrachlorophenol	ND		350	150	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2,4,5-Trichlorophenol	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1
2,4,6-Trichlorophenol	ND		350	120	ug/Kg	☼	04/19/23 11:27	04/20/23 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/19/23 11:27*	*04/20/23 16:20*	*1*
2-Fluorophenol (Surr)	*76*		*48 - 105*	*04/19/23 11:27*	*04/20/23 16:20*	*1*
Nitrobenzene-d5 (Surr)	*74*		*46 - 105*	*04/19/23 11:27*	*04/20/23 16:20*	*1*
Phenol-d5 (Surr)	*76*		*46 - 105*	*04/19/23 11:27*	*04/20/23 16:20*	*1*
Terphenyl-d14 (Surr)	*75*		*39 - 105*	*04/19/23 11:27*	*04/20/23 16:20*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*34 - 108*	*04/19/23 11:27*	*04/20/23 16:20*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.7	ug/Kg	☼	04/14/23 11:24	04/19/23 10:19	1
PCB-1221	ND		18	6.2	ug/Kg	☼	04/14/23 11:24	04/19/23 10:19	1
PCB-1232	ND		18	4.3	ug/Kg	☼	04/14/23 11:24	04/19/23 10:19	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/14/23 11:24	04/19/23 10:19	1
PCB-1248	**110**		18	4.2	ug/Kg	☼	04/14/23 11:24	04/19/23 10:19	1
PCB-1254	**57**		18	5.3	ug/Kg	☼	04/14/23 11:24	04/19/23 10:19	1
PCB-1260	ND		18	5.0	ug/Kg	☼	04/14/23 11:24	04/19/23 10:19	1
PCB-1262	ND		18	6.2	ug/Kg	☼	04/14/23 11:24	04/19/23 10:19	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/14/23 11:24	04/19/23 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*114*		*63 - 138*	*04/14/23 11:24*	*04/19/23 10:19*	*1*
DCB Decachlorobiphenyl (Surr)	*114*		*63 - 138*	*04/14/23 11:24*	*04/19/23 10:19*	*1*
Tetrachloro-m-xylene (Surr)	*115*		*55 - 135*	*04/14/23 11:24*	*04/19/23 10:19*	*1*
Tetrachloro-m-xylene (Surr)	*103*		*55 - 135*	*04/14/23 11:24*	*04/19/23 10:19*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8600**		12	3.0	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Antimony	ND		0.69	0.21	mg/Kg	☼	05/01/23 11:30	05/02/23 11:08	1
Arsenic	**16**		0.60	0.38	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1

Client Sample ID: SSHS-IRM5A2-SCV60-0.25-1.25

Lab Sample ID: 180-154916-6
Date Collected: 04/11/23 10:25
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 93.9

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	91		12	2.1	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Beryllium	0.42		0.24	0.065	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Cadmium	0.14	J	0.30	0.044	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Calcium	3300		300	39	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Chromium	13		0.30	0.27	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Cobalt	7.5		3.0	0.42	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Copper	28		1.5	0.90	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Iron	18000	B	6.0	5.8	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Lead	33		0.60	0.52	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Magnesium	3000		300	33	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Manganese	480		0.90	0.17	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Nickel	20		2.4	0.30	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Potassium	510		300	51	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Selenium	0.48	J	0.60	0.28	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Silver	ND		0.30	0.062	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Sodium	31	J	300	31	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Thallium	0.82	J	1.2	0.17	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Vanadium	14		3.0	0.47	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1
Zinc	170	B	1.2	0.87	mg/Kg	☼	04/19/23 09:48	04/25/23 13:40	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.035	0.022	mg/Kg	☼	05/01/23 08:15	05/02/23 12:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	6.1		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	93.9		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV61-0-0.17

Lab Sample ID: 180-154916-7
Date Collected: 04/11/23 10:30
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	22	4.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Benzene	ND		5.4	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Bromoform	ND		5.4	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Bromomethane	ND		5.4	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
2-Butanone (MEK)	ND	*1	5.4	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Carbon disulfide	ND		5.4	4.3	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Carbon tetrachloride	ND		5.4	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Chlorobenzene	ND		5.4	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Chlorobromomethane	ND		5.4	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Chlorodibromomethane	ND		5.4	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Chloroethane	ND		5.4	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Chloroform	ND		5.4	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Chloromethane	ND		5.4	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
cis-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV61-0-0.17
Date Collected: 04/11/23 10:30
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-7
Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		5.4	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,2-Dibromo-3-Chloropropane	ND		5.4	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,2-Dibromoethane	ND		5.4	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,2-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,3-Dichlorobenzene	ND		5.4	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,4-Dichlorobenzene	ND		5.4	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Dichlorobromomethane	ND		5.4	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Dichlorodifluoromethane	ND		5.4	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,1-Dichloroethane	ND		5.4	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,2-Dichloroethane	ND		5.4	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,1-Dichloroethene	ND		5.4	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,2-Dichloropropane	ND		5.4	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Ethylbenzene	ND		5.4	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
2-Hexanone	ND		5.4	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Isopropylbenzene	ND		5.4	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Methyl acetate	ND		27	8.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Methylcyclohexane	ND		5.4	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Methylene Chloride	ND		5.4	4.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.4	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Methyl tert-butyl ether	ND		5.4	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
m-Xylene & p-Xylene	ND		5.4	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
o-Xylene	ND		5.4	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Styrene	ND		5.4	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Tetrachloroethene	ND		5.4	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Toluene	ND		5.4	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
trans-1,2-Dichloroethene	ND		5.4	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,2,3-Trichlorobenzene	ND		5.4	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,1,1-Trichloroethane	ND		5.4	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,1,2-Trichloroethane	ND		5.4	1.1	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Trichloroethene	ND		5.4	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Trichlorofluoromethane	ND		5.4	4.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Vinyl chloride	ND		5.4	3.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1
Xylenes, Total	ND		11	7.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*60 - 124*	*04/21/23 07:44*	*04/21/23 12:52*	*1*
Dibromofluoromethane (Surr)	*122*		*69 - 126*	*04/21/23 07:44*	*04/21/23 12:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*139*	*S1+*	*73 - 135*	*04/21/23 07:44*	*04/21/23 12:52*	*1*
Toluene-d8 (Surr)	*96*		*67 - 134*	*04/21/23 07:44*	*04/21/23 12:52*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Acenaphthylene	ND		74	16	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1

Client Sample ID: SSHS-IRM5A2-SCV61-0-0.17
Date Collected: 04/11/23 10:30
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-7
Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		740	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Anthracene	**25**	**J**	74	19	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Atrazine	ND		740	160	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Benzo[a]anthracene	**83**		74	33	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Benzo[a]pyrene	**75**		74	32	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Benzo[b]fluoranthene	**130**		74	18	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Benzo[g,h,i]perylene	**76**		74	16	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Benzo[k]fluoranthene	**56**	**J**	74	22	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Bis(2-ethylhexyl) phthalate	ND		3700	390	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Butyl benzyl phthalate	ND		370	250	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Carbazole	ND		74	17	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
4-Chloroaniline	ND		370	97	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Chrysene	**150**		74	41	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Dibenzofuran	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2,4-Dichlorophenol	ND		74	29	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Diethyl phthalate	**140**	**J**	370	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2,4-Dimethylphenol	ND		370	120	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Dimethyl phthalate	ND		370	150	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Di-n-butyl phthalate	ND		370	160	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2,6-Dinitrotoluene	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
1,4-Dioxane	ND		740	120	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Fluoranthene	**120**		74	20	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Fluorene	ND		74	15	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Hexachlorobenzene	ND		74	27	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Hexachlorocyclopentadiene	ND		370	38	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Hexachloroethane	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Indeno[1,2,3-cd]pyrene	**66**	**J**	74	37	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Isophorone	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2-Methylnaphthalene	**23**	**J**	74	18	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2-Methylphenol	ND		370	110	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Naphthalene	**24**	**J**	74	14	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1

Client Sample ID: SSHS-IRM5A2-SCV61-0-0.17

Date Collected: 04/11/23 10:30
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-7

Matrix: Solid
Percent Solids: 90.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Nitrobenzene	ND		740	140	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Phenanthrene	**100**		74	20	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Phenol	ND		370	110	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
Pyrene	**140**		74	18	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2,3,4,6-Tetrachlorophenol	ND		370	150	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	04/19/23 11:27	04/20/23 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*44 - 105*	*04/19/23 11:27*	*04/20/23 16:44*	*1*
2-Fluorophenol (Surr)	*73*		*48 - 105*	*04/19/23 11:27*	*04/20/23 16:44*	*1*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*	*04/19/23 11:27*	*04/20/23 16:44*	*1*
Phenol-d5 (Surr)	*76*		*46 - 105*	*04/19/23 11:27*	*04/20/23 16:44*	*1*
Terphenyl-d14 (Surr)	*92*		*39 - 105*	*04/19/23 11:27*	*04/20/23 16:44*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*	*04/19/23 11:27*	*04/20/23 16:44*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	04/14/23 11:24	04/19/23 10:38	1
PCB-1221	ND		18	6.4	ug/Kg	☼	04/14/23 11:24	04/19/23 10:38	1
PCB-1232	ND		18	4.4	ug/Kg	☼	04/14/23 11:24	04/19/23 10:38	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/14/23 11:24	04/19/23 10:38	1
PCB-1248	**170**		18	4.3	ug/Kg	☼	04/14/23 11:24	04/19/23 10:38	1
PCB-1254	**110**		18	5.4	ug/Kg	☼	04/14/23 11:24	04/19/23 10:38	1
PCB-1260	ND		18	5.1	ug/Kg	☼	04/14/23 11:24	04/19/23 10:38	1
PCB-1262	ND		18	6.3	ug/Kg	☼	04/14/23 11:24	04/19/23 10:38	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/14/23 11:24	04/19/23 10:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*114*		*63 - 138*	*04/14/23 11:24*	*04/19/23 10:38*	*1*
DCB Decachlorobiphenyl (Surr)	*128*		*63 - 138*	*04/14/23 11:24*	*04/19/23 10:38*	*1*
Tetrachloro-m-xylene (Surr)	*122*		*55 - 135*	*04/14/23 11:24*	*04/19/23 10:38*	*1*
Tetrachloro-m-xylene (Surr)	*111*		*55 - 135*	*04/14/23 11:24*	*04/19/23 10:38*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		15	3.9	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Antimony	ND		0.94	0.29	mg/Kg	☼	05/01/23 11:30	05/02/23 11:12	1
Arsenic	**13**		0.77	0.48	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Barium	**120**		15	2.7	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1

Client Sample ID: SSHS-IRM5A2-SCV61-0-0.17

Lab Sample ID: 180-154916-7
Date Collected: 04/11/23 10:30
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.0

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.62		0.31	0.084	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Cadmium	1.1		0.39	0.057	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Calcium	5200		390	50	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Chromium	20		0.39	0.35	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Cobalt	10		3.9	0.54	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Copper	69		1.9	1.2	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Iron	25000	B	7.7	7.5	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Lead	140		0.77	0.67	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Magnesium	3200		390	42	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Manganese	680		1.2	0.21	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Nickel	29		3.1	0.39	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Potassium	880		390	66	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Selenium	1.1		0.77	0.36	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Silver	ND		0.39	0.080	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Sodium	47	J	390	40	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Thallium	1.1	J	1.5	0.22	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Vanadium	22		3.9	0.61	mg/Kg	☼	04/19/23 09:48	04/25/23 13:45	1
Zinc	3000	B	7.7	5.6	mg/Kg	☼	04/19/23 09:48	04/26/23 11:34	5

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.34		0.035	0.023	mg/Kg	☼	05/01/23 08:15	05/02/23 12:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	10.0		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	90.0		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV61-0.17-0.75

Lab Sample ID: 180-154916-8
Date Collected: 04/11/23 10:35
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	21	4.1	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Benzene	ND		5.3	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Bromoform	ND		5.3	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Bromomethane	ND		5.3	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
2-Butanone (MEK)	ND	*1	5.3	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Carbon disulfide	ND		5.3	4.2	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Carbon tetrachloride	ND		5.3	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Chlorobenzene	ND		5.3	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Chlorobromomethane	ND		5.3	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Chlorodibromomethane	ND		5.3	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Chloroethane	ND		5.3	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Chloroform	ND		5.3	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Chloromethane	ND		5.3	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
cis-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Cyclohexane	ND		5.3	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV61-0.17-0.75
Date Collected: 04/11/23 10:35
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-8
Matrix: Solid
Percent Solids: 90.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.3	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,2-Dibromoethane	ND		5.3	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,2-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,3-Dichlorobenzene	ND		5.3	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,4-Dichlorobenzene	ND		5.3	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Dichlorobromomethane	ND		5.3	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Dichlorodifluoromethane	ND		5.3	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,1-Dichloroethane	ND		5.3	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,2-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,1-Dichloroethene	ND		5.3	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,2-Dichloroethene, Total	ND		11	4.3	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,2-Dichloropropane	ND		5.3	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,4-Dioxane	ND		1100	37	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Ethylbenzene	ND		5.3	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
2-Hexanone	ND		5.3	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Isopropylbenzene	ND		5.3	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Methyl acetate	ND		26	7.8	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Methylcyclohexane	ND		5.3	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Methylene Chloride	ND		5.3	4.8	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Methyl tert-butyl ether	ND		5.3	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
m-Xylene & p-Xylene	ND		5.3	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
o-Xylene	ND		5.3	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Styrene	ND		5.3	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Tetrachloroethene	ND		5.3	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Toluene	ND		5.3	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
trans-1,2-Dichloroethene	ND		5.3	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
trans-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,2,3-Trichlorobenzene	ND		5.3	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,1,1-Trichloroethane	ND		5.3	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,1,2-Trichloroethane	ND		5.3	1.0	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Trichloroethene	ND		5.3	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Trichlorofluoromethane	ND		5.3	4.4	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Vinyl chloride	ND		5.3	3.8	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1
Xylenes, Total	ND		11	7.6	ug/Kg	☼	04/21/23 07:44	04/21/23 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*60 - 124*	*04/21/23 07:44*	*04/21/23 13:59*	*1*
Dibromofluoromethane (Surr)	*122*		*69 - 126*	*04/21/23 07:44*	*04/21/23 13:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*136*	*S1+*	*73 - 135*	*04/21/23 07:44*	*04/21/23 13:59*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/21/23 07:44*	*04/21/23 13:59*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Acenaphthylene	ND		74	16	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Acetophenone	ND		740	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1

Client Sample ID: SSHS-IRM5A2-SCV61-0.17-0.75

Date Collected: 04/11/23 10:35
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-8

Matrix: Solid
Percent Solids: 90.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		74	19	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Atrazine	ND		740	160	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Benzo[a]anthracene	**68**	**J**	74	33	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Benzo[a]pyrene	**62**	**J**	74	32	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Benzo[b]fluoranthene	**110**		74	18	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Benzo[g,h,i]perylene	**64**	**J**	74	16	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Benzo[k]fluoranthene	**43**	**J**	74	22	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Carbazole	ND		74	17	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Chrysene	**100**		74	41	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Fluoranthene	**86**		74	19	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Fluorene	ND		74	14	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Indeno[1,2,3-cd]pyrene	**61**	**J**	74	37	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Isophorone	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2-Methylnaphthalene	**23**	**J**	74	18	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Naphthalene	**20**	**J**	74	14	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1

Client Sample ID: SSHS-IRM5A2-SCV61-0.17-0.75
Date Collected: 04/11/23 10:35
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-8
Matrix: Solid
Percent Solids: 90.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Phenanthrene	**62**	**J**	74	20	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Phenol	ND		360	110	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
Pyrene	**97**		74	17	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/20/23 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*04/19/23 11:27*	*04/20/23 17:06*	*1*
2-Fluorophenol (Surr)	*73*		*48 - 105*	*04/19/23 11:27*	*04/20/23 17:06*	*1*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*	*04/19/23 11:27*	*04/20/23 17:06*	*1*
Phenol-d5 (Surr)	*77*		*46 - 105*	*04/19/23 11:27*	*04/20/23 17:06*	*1*
Terphenyl-d14 (Surr)	*89*		*39 - 105*	*04/19/23 11:27*	*04/20/23 17:06*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*04/19/23 11:27*	*04/20/23 17:06*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	04/14/23 11:24	04/19/23 10:57	1
PCB-1221	ND		18	6.4	ug/Kg	☼	04/14/23 11:24	04/19/23 10:57	1
PCB-1232	ND		18	4.4	ug/Kg	☼	04/14/23 11:24	04/19/23 10:57	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/14/23 11:24	04/19/23 10:57	1
PCB-1248	**110**		18	4.3	ug/Kg	☼	04/14/23 11:24	04/19/23 10:57	1
PCB-1254	**69**		18	5.4	ug/Kg	☼	04/14/23 11:24	04/19/23 10:57	1
PCB-1260	ND		18	5.1	ug/Kg	☼	04/14/23 11:24	04/19/23 10:57	1
PCB-1262	ND		18	6.3	ug/Kg	☼	04/14/23 11:24	04/19/23 10:57	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/14/23 11:24	04/19/23 10:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*101*		*63 - 138*	*04/14/23 11:24*	*04/19/23 10:57*	*1*
DCB Decachlorobiphenyl (Surr)	*110*		*63 - 138*	*04/14/23 11:24*	*04/19/23 10:57*	*1*
Tetrachloro-m-xylene (Surr)	*107*		*55 - 135*	*04/14/23 11:24*	*04/19/23 10:57*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*55 - 135*	*04/14/23 11:24*	*04/19/23 10:57*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8100**		13	3.2	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Antimony	ND		0.93	0.28	mg/Kg	☼	05/01/23 11:30	05/02/23 11:18	1
Arsenic	**11**		0.64	0.40	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Barium	**110**		13	2.3	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Beryllium	**0.51**		0.26	0.070	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1

Client Sample ID: SSHS-IRM5A2-SCV61-0.17-0.75

Lab Sample ID: 180-154916-8
Date Collected: 04/11/23 10:35
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.7

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.88		0.32	0.047	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Calcium	4100		320	41	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Chromium	25		0.32	0.29	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Cobalt	8.8		3.2	0.45	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Copper	55		1.6	0.97	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Iron	22000	B	6.4	6.2	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Lead	86		0.64	0.56	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Magnesium	2500		320	35	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Manganese	590		0.96	0.18	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Nickel	23		2.6	0.32	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Potassium	620		320	55	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Selenium	1.5		0.64	0.30	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Silver	ND		0.32	0.067	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Sodium	39	J	320	33	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Thallium	0.85	J	1.3	0.18	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Vanadium	21		3.2	0.51	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1
Zinc	1400	B	1.3	0.93	mg/Kg	☼	04/19/23 09:48	04/25/23 13:50	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.26		0.035	0.022	mg/Kg	☼	05/01/23 08:15	05/02/23 12:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	9.3		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	90.7		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV61-0.75-1.75

Lab Sample ID: 180-154916-9
Date Collected: 04/11/23 10:40
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	21	4.0	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Benzene	ND		5.2	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Bromoform	ND		5.2	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Bromomethane	ND		5.2	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
2-Butanone (MEK)	ND	*1	5.2	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Carbon disulfide	ND		5.2	4.1	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Carbon tetrachloride	ND		5.2	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Chlorobenzene	ND		5.2	1.3	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Chlorobromomethane	ND		5.2	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Chlorodibromomethane	ND		5.2	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Chloroethane	ND		5.2	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Chloroform	ND		5.2	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Chloromethane	ND		5.2	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
cis-1,2-Dichloroethene	ND		5.2	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
cis-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Cyclohexane	ND		5.2	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,2-Dibromo-3-Chloropropane	ND		5.2	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1

Client Sample ID: SSHS-IRM5A2-SCV61-0.75-1.75
Date Collected: 04/11/23 10:40
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-9
Matrix: Solid
Percent Solids: 90.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		5.2	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,2-Dichlorobenzene	ND		5.2	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,3-Dichlorobenzene	ND		5.2	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,4-Dichlorobenzene	ND		5.2	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Dichlorobromomethane	ND		5.2	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Dichlorodifluoromethane	ND		5.2	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,1-Dichloroethane	ND		5.2	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,2-Dichloroethane	ND		5.2	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,1-Dichloroethene	ND		5.2	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,2-Dichloroethene, Total	ND		10	4.2	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,2-Dichloropropane	ND		5.2	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,4-Dioxane	ND		1000	37	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Ethylbenzene	ND		5.2	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
2-Hexanone	ND		5.2	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Isopropylbenzene	ND		5.2	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Methyl acetate	ND		26	7.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Methylcyclohexane	ND		5.2	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Methylene Chloride	ND		5.2	4.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.2	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Methyl tert-butyl ether	ND		5.2	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
m-Xylene & p-Xylene	ND		5.2	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
o-Xylene	ND		5.2	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Styrene	ND		5.2	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,1,2,2-Tetrachloroethane	ND		5.2	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Tetrachloroethene	ND		5.2	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Toluene	ND		5.2	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
trans-1,2-Dichloroethene	ND		5.2	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
trans-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,2,3-Trichlorobenzene	ND		5.2	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,2,4-Trichlorobenzene	ND		5.2	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,1,1-Trichloroethane	ND		5.2	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,1,2-Trichloroethane	ND		5.2	1.0	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Trichloroethene	ND		5.2	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Trichlorofluoromethane	ND		5.2	4.3	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Vinyl chloride	ND		5.2	3.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1
Xylenes, Total	ND		10	7.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*60 - 124*	*04/21/23 07:44*	*04/21/23 14:22*	*1*
Dibromofluoromethane (Surr)	*115*		*69 - 126*	*04/21/23 07:44*	*04/21/23 14:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*73 - 135*	*04/21/23 07:44*	*04/21/23 14:22*	*1*
Toluene-d8 (Surr)	*96*		*67 - 134*	*04/21/23 07:44*	*04/21/23 14:22*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Acenaphthylene	ND		74	16	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Acetophenone	ND		740	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Anthracene	ND		74	19	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1

Client Sample ID: SSHS-IRM5A2-SCV61-0.75-1.75

Date Collected: 04/11/23 10:40
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-9

Matrix: Solid
Percent Solids: 90.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		740	160	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Benzo[a]anthracene	**39**	**J**	74	33	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Benzo[a]pyrene	**38**	**J**	74	32	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Benzo[b]fluoranthene	**65**	**J**	74	18	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Benzo[g,h,i]perylene	**37**	**J**	74	16	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Benzo[k]fluoranthene	**26**	**J**	74	22	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Carbazole	ND		74	17	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Chrysene	**56**	**J**	74	41	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Fluoranthene	**55**	**J**	74	19	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Fluorene	ND		74	14	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Indeno[1,2,3-cd]pyrene	ND		74	37	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Isophorone	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Naphthalene	ND		74	14	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1

Client Sample ID: SSHS-IRM5A2-SCV61-0.75-1.75

Date Collected: 04/11/23 10:40
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-9

Matrix: Solid
Percent Solids: 90.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Phenanthrene	**28**	**J**	74	20	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Phenol	ND		360	110	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
Pyrene	**61**	**J**	74	17	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/19/23 11:27	04/20/23 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*04/19/23 11:27*	*04/20/23 17:30*	*1*
2-Fluorophenol (Surr)	*62*		*48 - 105*	*04/19/23 11:27*	*04/20/23 17:30*	*1*
Nitrobenzene-d5 (Surr)	*65*		*46 - 105*	*04/19/23 11:27*	*04/20/23 17:30*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*04/19/23 11:27*	*04/20/23 17:30*	*1*
Terphenyl-d14 (Surr)	*77*		*39 - 105*	*04/19/23 11:27*	*04/20/23 17:30*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*34 - 108*	*04/19/23 11:27*	*04/20/23 17:30*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	04/14/23 11:24	04/19/23 11:16	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/14/23 11:24	04/19/23 11:16	1
PCB-1232	ND		18	4.5	ug/Kg	☼	04/14/23 11:24	04/19/23 11:16	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/14/23 11:24	04/19/23 11:16	1
PCB-1248	**91**		18	4.4	ug/Kg	☼	04/14/23 11:24	04/19/23 11:16	1
PCB-1254	**59**		18	5.5	ug/Kg	☼	04/14/23 11:24	04/19/23 11:16	1
PCB-1260	ND		18	5.2	ug/Kg	☼	04/14/23 11:24	04/19/23 11:16	1
PCB-1262	ND		18	6.5	ug/Kg	☼	04/14/23 11:24	04/19/23 11:16	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/14/23 11:24	04/19/23 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*102*		*63 - 138*	*04/14/23 11:24*	*04/19/23 11:16*	*1*
DCB Decachlorobiphenyl (Surr)	*110*		*63 - 138*	*04/14/23 11:24*	*04/19/23 11:16*	*1*
Tetrachloro-m-xylene (Surr)	*103*		*55 - 135*	*04/14/23 11:24*	*04/19/23 11:16*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*	*04/14/23 11:24*	*04/19/23 11:16*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13000**		21	5.2	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Antimony	ND		0.59	0.18	mg/Kg	☼	05/01/23 11:30	05/02/23 11:23	1
Arsenic	**11**		1.0	0.65	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Barium	**150**		21	3.7	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Beryllium	**0.61**		0.42	0.11	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Cadmium	**0.41**	**J**	0.52	0.076	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1

Client Sample ID: SSHS-IRM5A2-SCV61-0.75-1.75

Lab Sample ID: 180-154916-9

Date Collected: 04/11/23 10:40
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	6300		520	67	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Chromium	20		0.52	0.47	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Cobalt	11		5.2	0.73	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Copper	44		2.6	1.6	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Iron	30000	B	10	10	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Lead	57		1.0	0.91	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Magnesium	4500		520	57	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Manganese	960		1.6	0.29	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Nickel	28		4.2	0.52	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Potassium	850		520	89	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Selenium	0.58	J	1.0	0.48	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Silver	ND		0.52	0.11	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Sodium	ND		520	53	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Thallium	1.4	J	2.1	0.30	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Vanadium	21		5.2	0.82	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1
Zinc	500	B	2.1	1.5	mg/Kg	☼	04/19/23 09:48	04/25/23 13:56	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20		0.032	0.021	mg/Kg	☼	05/01/23 08:15	05/02/23 12:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	9.4		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	90.6		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP20

Lab Sample ID: 180-154916-10

Date Collected: 04/11/23 00:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 88.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	22	4.3	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Benzene	ND		5.5	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
2-Butanone (MEK)	ND	*1	5.5	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP20
Date Collected: 04/11/23 00:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-10
Matrix: Solid
Percent Solids: 88.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.5	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,4-Dichlorobenzene	ND		5.5	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Dichlorodifluoromethane	ND		5.5	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Isopropylbenzene	ND		5.5	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Methyl acetate	ND		28	8.1	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Methylcyclohexane	ND		5.5	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Methylene Chloride	ND		5.5	5.0	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
m-Xylene & p-Xylene	ND		5.5	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Styrene	ND		5.5	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Trichlorofluoromethane	ND		5.5	4.6	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Vinyl chloride	ND		5.5	4.0	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1
Xylenes, Total	ND		11	8.0	ug/Kg	☼	04/21/23 07:44	04/21/23 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*	*04/21/23 07:44*	*04/21/23 14:50*	*1*
Dibromofluoromethane (Surr)	*116*		*69 - 126*	*04/21/23 07:44*	*04/21/23 14:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*73 - 135*	*04/21/23 07:44*	*04/21/23 14:50*	*1*
Toluene-d8 (Surr)	*94*		*67 - 134*	*04/21/23 07:44*	*04/21/23 14:50*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Acenaphthylene	ND		76	17	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Acetophenone	ND		760	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Anthracene	ND		76	20	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Atrazine	ND		760	170	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP20
Date Collected: 04/11/23 00:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-10
Matrix: Solid
Percent Solids: 88.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		760	47	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Benzo[a]anthracene	ND		76	34	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Benzo[a]pyrene	ND		76	33	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Benzo[b]fluoranthene	**35**	**J**	76	19	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Benzo[g,h,i]perylene	ND		76	16	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Benzo[k]fluoranthene	ND		76	23	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Bis(2-chloroethyl)ether	ND		76	14	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Butyl benzyl phthalate	ND		370	260	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Caprolactam	ND		1900	250	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Carbazole	ND		76	18	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Chrysene	ND		76	42	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Dibenzofuran	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Dimethyl phthalate	ND		370	150	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Di-n-butyl phthalate	ND		370	170	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2,4-Dinitrotoluene	ND		370	230	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
1,4-Dioxane	ND		760	120	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Fluoranthene	**23**	**J**	76	20	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Fluorene	ND		76	15	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Hexachlorocyclopentadiene	ND		370	39	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Hexachloroethane	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Indeno[1,2,3-cd]pyrene	ND		76	38	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Isophorone	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2-Methylphenol	ND		370	110	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Naphthalene	ND		76	15	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP20

Date Collected: 04/11/23 00:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-10

Matrix: Solid
Percent Solids: 88.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		760	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Phenanthrene	ND		76	20	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Phenol	ND		370	110	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
Pyrene	**29**	**J**	76	18	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/20/23 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*04/19/23 11:27*	*04/20/23 17:53*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*04/19/23 11:27*	*04/20/23 17:53*	*1*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*	*04/19/23 11:27*	*04/20/23 17:53*	*1*
Phenol-d5 (Surr)	*72*		*46 - 105*	*04/19/23 11:27*	*04/20/23 17:53*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 105*	*04/19/23 11:27*	*04/20/23 17:53*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*34 - 108*	*04/19/23 11:27*	*04/20/23 17:53*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	04/14/23 11:24	04/19/23 11:35	1
PCB-1221	ND		19	6.6	ug/Kg	☼	04/14/23 11:24	04/19/23 11:35	1
PCB-1232	ND		19	4.5	ug/Kg	☼	04/14/23 11:24	04/19/23 11:35	1
PCB-1242	ND		19	2.7	ug/Kg	☼	04/14/23 11:24	04/19/23 11:35	1
PCB-1248	**63**		19	4.5	ug/Kg	☼	04/14/23 11:24	04/19/23 11:35	1
PCB-1254	**41**		19	5.6	ug/Kg	☼	04/14/23 11:24	04/19/23 11:35	1
PCB-1260	ND		19	5.3	ug/Kg	☼	04/14/23 11:24	04/19/23 11:35	1
PCB-1262	ND		19	6.6	ug/Kg	☼	04/14/23 11:24	04/19/23 11:35	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/14/23 11:24	04/19/23 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*105*		*63 - 138*	*04/14/23 11:24*	*04/19/23 11:35*	*1*
DCB Decachlorobiphenyl (Surr)	*109*		*63 - 138*	*04/14/23 11:24*	*04/19/23 11:35*	*1*
Tetrachloro-m-xylene (Surr)	*107*		*55 - 135*	*04/14/23 11:24*	*04/19/23 11:35*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*55 - 135*	*04/14/23 11:24*	*04/19/23 11:35*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**	**F2**	19	4.7	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Antimony	ND	F1	0.95	0.29	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Arsenic	**7.7**	**F2**	0.95	0.59	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Barium	**99**	**F2 F1**	19	3.4	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Beryllium	**0.49**	**F2**	0.38	0.10	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Cadmium	**0.096**	**J F2**	0.47	0.069	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Calcium	**2600**	**F2 F1**	470	61	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP20

Date Collected: 04/11/23 00:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-10

Matrix: Solid
Percent Solids: 88.1

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	12	F2	0.47	0.43	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Cobalt	7.7	F2	4.7	0.67	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Copper	32	F2 F1	2.4	1.4	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Iron	23000	F2 B	9.5	9.2	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Lead	28	F2 F1	0.95	0.82	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Magnesium	3200	F2 F1	470	52	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Manganese	660	F2	1.4	0.26	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Nickel	18	F2	3.8	0.48	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Potassium	610	F2	470	80	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Selenium	ND	F2	0.95	0.44	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Silver	ND	F2	0.47	0.098	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Sodium	ND	F2	470	48	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Thallium	0.62	J F2	1.9	0.27	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Vanadium	15	F2 F1	4.7	0.75	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1
Zinc	170	F2 B	1.9	1.4	mg/Kg	☼	04/19/23 09:43	04/30/23 02:04	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.083		0.034	0.022	mg/Kg	☼	05/01/23 08:15	05/02/23 12:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	11.9		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	88.1		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV62-0-0.33

Date Collected: 04/11/23 10:45
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-11

Matrix: Solid
Percent Solids: 84.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	23	4.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
2-Butanone (MEK)	ND	*1	5.7	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Carbon disulfide	ND		5.7	4.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Chloroethane	ND		5.7	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Chloroform	ND		5.7	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Chloromethane	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV62-0-0.33
Date Collected: 04/11/23 10:45
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-11
Matrix: Solid
Percent Solids: 84.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Dichlorobromomethane	ND		5.7	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Dichlorodifluoromethane	ND		5.7	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,2-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,2-Dichloroethene, Total	ND		11	4.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Methyl acetate	ND		29	8.4	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Methylcyclohexane	ND		5.7	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Methylene Chloride	ND		5.7	5.2	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Toluene	ND		5.7	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,2,3-Trichlorobenzene	ND		5.7	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Trichlorofluoromethane	ND		5.7	4.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1
Xylenes, Total	ND		11	8.2	ug/Kg	☼	04/21/23 07:44	04/21/23 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*60 - 124*	*04/21/23 07:44*	*04/21/23 15:13*	*1*
Dibromofluoromethane (Surr)	*118*		*69 - 126*	*04/21/23 07:44*	*04/21/23 15:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*140*	*S1+*	*73 - 135*	*04/21/23 07:44*	*04/21/23 15:13*	*1*
Toluene-d8 (Surr)	*97*		*67 - 134*	*04/21/23 07:44*	*04/21/23 15:13*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Acenaphthylene	**52**	**J**	79	17	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Acetophenone	ND		790	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Anthracene	**37**	**J**	79	20	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Atrazine	ND		790	170	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Benzaldehyde	ND		790	49	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1

Client Sample ID: SSHS-IRM5A2-SCV62-0-0.33
Date Collected: 04/11/23 10:45
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-11
Matrix: Solid
Percent Solids: 84.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**140**		79	36	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Benzo[a]pyrene	**120**		79	34	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Benzo[b]fluoranthene	**240**		79	19	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Benzo[g,h,i]perylene	**110**		79	17	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Benzo[k]fluoranthene	**53**	**J**	79	24	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Bis(2-chloroethyl)ether	ND		79	14	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Carbazole	**23**	**J**	79	18	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Chrysene	**190**		79	44	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Dibenz(a,h)anthracene	ND		79	50	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Dibenzofuran	ND		390	150	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Dimethyl phthalate	ND		390	160	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Di-n-butyl phthalate	ND		390	170	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
1,4-Dioxane	ND		790	120	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Fluoranthene	**170**		79	21	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Fluorene	ND		79	15	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Hexachlorocyclopentadiene	ND		390	40	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Indeno[1,2,3-cd]pyrene	**100**		79	39	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Isophorone	ND		390	150	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2-Methylnaphthalene	**37**	**J**	79	19	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Naphthalene	**32**	**J**	79	15	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Nitrobenzene	ND		790	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1

Client Sample ID: SSHS-IRM5A2-SCV62-0-0.33

Date Collected: 04/11/23 10:45
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-11

Matrix: Solid
Percent Solids: 84.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		390	150	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Phenanthrene	**78**	**J**	79	21	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Phenol	ND		390	120	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
Pyrene	**190**		79	19	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/19/23 11:27	04/20/23 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*04/19/23 11:27*	*04/20/23 18:16*	*1*
2-Fluorophenol (Surr)	*70*		*48 - 105*	*04/19/23 11:27*	*04/20/23 18:16*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*04/19/23 11:27*	*04/20/23 18:16*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*04/19/23 11:27*	*04/20/23 18:16*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 105*	*04/19/23 11:27*	*04/20/23 18:16*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*34 - 108*	*04/19/23 11:27*	*04/20/23 18:16*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.3	ug/Kg	☼	04/14/23 11:24	04/19/23 11:53	1
PCB-1221	ND		20	6.9	ug/Kg	☼	04/14/23 11:24	04/19/23 11:53	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/14/23 11:24	04/19/23 11:53	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/14/23 11:24	04/19/23 11:53	1
PCB-1248	ND		20	4.7	ug/Kg	☼	04/14/23 11:24	04/19/23 11:53	1
PCB-1254	**13**	**J**	20	5.9	ug/Kg	☼	04/14/23 11:24	04/19/23 11:53	1
PCB-1260	ND		20	5.6	ug/Kg	☼	04/14/23 11:24	04/19/23 11:53	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/14/23 11:24	04/19/23 11:53	1
PCB-1268	ND		20	2.6	ug/Kg	☼	04/14/23 11:24	04/19/23 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*105*		*63 - 138*	*04/14/23 11:24*	*04/19/23 11:53*	*1*
DCB Decachlorobiphenyl (Surr)	*110*		*63 - 138*	*04/14/23 11:24*	*04/19/23 11:53*	*1*
Tetrachloro-m-xylene (Surr)	*106*		*55 - 135*	*04/14/23 11:24*	*04/19/23 11:53*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*55 - 135*	*04/14/23 11:24*	*04/19/23 11:53*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7900**		20	4.9	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Antimony	ND		0.98	0.30	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Arsenic	**8.8**		0.98	0.62	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Barium	**100**		20	3.5	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Beryllium	**0.49**		0.39	0.11	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Cadmium	**0.14**	**J**	0.49	0.072	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Calcium	**4900**		490	64	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Chromium	**21**		0.49	0.45	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1

Client Sample ID: SSHS-IRM5A2-SCV62-0-0.33

Lab Sample ID: 180-154916-11
Date Collected: 04/11/23 10:45
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 84.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.2		4.9	0.69	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Copper	45		2.5	1.5	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Iron	23000	B	9.8	9.6	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Lead	75		0.98	0.86	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Magnesium	2300		490	54	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Manganese	420		1.5	0.27	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Nickel	22		3.9	0.50	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Potassium	1200		490	84	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Selenium	0.91	J	0.98	0.45	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Silver	ND		0.49	0.10	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Sodium	220	J	490	50	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Thallium	0.35	J	2.0	0.28	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Vanadium	18		4.9	0.78	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1
Zinc	270	B	2.0	1.4	mg/Kg	☼	04/19/23 09:43	04/30/23 02:28	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.22		0.035	0.023	mg/Kg	☼	05/01/23 08:15	05/02/23 12:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	15.2		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	84.8		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV62-0.33-1.33

Lab Sample ID: 180-154916-12
Date Collected: 04/11/23 10:50
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 85.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	23	4.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
2-Butanone (MEK)	ND	*1	5.7	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Carbon disulfide	ND		5.7	4.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Chloroethane	ND		5.7	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Chloroform	ND		5.7	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Chloromethane	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV62-0.33-1.33
Date Collected: 04/11/23 10:50
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-12
Matrix: Solid
Percent Solids: 85.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Dichlorobromomethane	ND		5.7	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Dichlorodifluoromethane	ND		5.7	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,2-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,2-Dichloroethene, Total	ND		11	4.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Methyl acetate	ND		29	8.4	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Methylcyclohexane	ND		5.7	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Methylene Chloride	ND		5.7	5.2	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Toluene	ND		5.7	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,2,3-Trichlorobenzene	ND		5.7	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Trichlorofluoromethane	ND		5.7	4.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1
Xylenes, Total	ND		11	8.2	ug/Kg	☼	04/21/23 07:44	04/21/23 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*60 - 124*	*04/21/23 07:44*	*04/21/23 15:35*	*1*
Dibromofluoromethane (Surr)	*124*		*69 - 126*	*04/21/23 07:44*	*04/21/23 15:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*143*	*S1+*	*73 - 135*	*04/21/23 07:44*	*04/21/23 15:35*	*1*
Toluene-d8 (Surr)	*101*		*67 - 134*	*04/21/23 07:44*	*04/21/23 15:35*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Acenaphthylene	**33**	**J**	79	17	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Acetophenone	ND		790	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Anthracene	**30**	**J**	79	20	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Atrazine	ND		790	170	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Benzaldehyde	ND		790	49	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Benzo[a]anthracene	**130**		79	35	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1

Client Sample ID: SSHS-IRM5A2-SCV62-0.33-1.33
Date Collected: 04/11/23 10:50
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-12
Matrix: Solid
Percent Solids: 85.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**110**		79	34	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Benzo[b]fluoranthene	**220**		79	19	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Benzo[g,h,i]perylene	**110**		79	17	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Benzo[k]fluoranthene	**65**	**J**	79	23	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Bis(2-chloroethyl)ether	ND		79	14	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Carbazole	ND		79	18	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2-Chlorophenol	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Chrysene	**180**		79	43	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Dibenz(a,h)anthracene	ND		79	50	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Dibenzofuran	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
3,3'-Dichlorobenzidine	ND		390	360	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Dimethyl phthalate	ND		390	150	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Di-n-butyl phthalate	ND		390	170	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
1,4-Dioxane	ND		790	120	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Fluoranthene	**160**		79	21	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Fluorene	ND		79	15	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Hexachlorocyclopentadiene	ND		390	40	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Indeno[1,2,3-cd]pyrene	**81**		79	39	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Isophorone	ND		390	150	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2-Methylnaphthalene	**27**	**J**	79	19	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Methylphenol, 3 & 4	ND		390	110	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Naphthalene	**27**	**J**	79	15	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
3-Nitroaniline	ND		2000	99	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Nitrobenzene	ND		790	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2-Nitrophenol	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1

Client Sample ID: SSHS-IRM5A2-SCV62-0.33-1.33
Date Collected: 04/11/23 10:50
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-12
Matrix: Solid
Percent Solids: 85.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Phenanthrene	**81**		79	21	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Phenol	ND		390	120	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
Pyrene	**200**		79	19	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
1,2,4,5-Tetrachlorobenzene	ND		390	150	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/19/23 11:27	04/20/23 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*44 - 105*	*04/19/23 11:27*	*04/20/23 18:40*	*1*
2-Fluorophenol (Surr)	*82*		*48 - 105*	*04/19/23 11:27*	*04/20/23 18:40*	*1*
Nitrobenzene-d5 (Surr)	*82*		*46 - 105*	*04/19/23 11:27*	*04/20/23 18:40*	*1*
Phenol-d5 (Surr)	*83*		*46 - 105*	*04/19/23 11:27*	*04/20/23 18:40*	*1*
Terphenyl-d14 (Surr)	*97*		*39 - 105*	*04/19/23 11:27*	*04/20/23 18:40*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*34 - 108*	*04/19/23 11:27*	*04/20/23 18:40*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	04/14/23 11:24	04/19/23 12:12	1
PCB-1221	ND		19	6.9	ug/Kg	☼	04/14/23 11:24	04/19/23 12:12	1
PCB-1232	ND		19	4.7	ug/Kg	☼	04/14/23 11:24	04/19/23 12:12	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/14/23 11:24	04/19/23 12:12	1
PCB-1248	**50**		19	4.6	ug/Kg	☼	04/14/23 11:24	04/19/23 12:12	1
PCB-1254	**26**		19	5.8	ug/Kg	☼	04/14/23 11:24	04/19/23 12:12	1
PCB-1260	ND		19	5.5	ug/Kg	☼	04/14/23 11:24	04/19/23 12:12	1
PCB-1262	ND		19	6.8	ug/Kg	☼	04/14/23 11:24	04/19/23 12:12	1
PCB-1268	ND		19	2.6	ug/Kg	☼	04/14/23 11:24	04/19/23 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*	*04/14/23 11:24*	*04/19/23 12:12*	*1*
DCB Decachlorobiphenyl (Surr)	*100*		*63 - 138*	*04/14/23 11:24*	*04/19/23 12:12*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*55 - 135*	*04/14/23 11:24*	*04/19/23 12:12*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*55 - 135*	*04/14/23 11:24*	*04/19/23 12:12*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8800**		12	2.9	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Antimony	**0.66**		0.59	0.18	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Arsenic	**8.5**		0.59	0.37	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Barium	**96**		12	2.1	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Beryllium	**0.46**		0.23	0.064	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Cadmium	**0.22**	**J**	0.29	0.043	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Calcium	**5200**		290	38	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Chromium	**36**		0.29	0.27	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Cobalt	**9.2**		2.9	0.41	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1

Client Sample ID: SSHS-IRM5A2-SCV62-0.33-1.33

Lab Sample ID: 180-154916-12

Date Collected: 04/11/23 10:50
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 85.3

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	63		1.5	0.89	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Iron	21000	B	5.9	5.7	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Lead	79		0.59	0.51	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Magnesium	2700		290	32	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Manganese	480		0.88	0.16	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Nickel	28		2.3	0.30	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Potassium	840		290	50	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Selenium	0.77		0.59	0.27	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Silver	ND		0.29	0.061	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Sodium	51	J	290	30	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Thallium	0.54	J	1.2	0.17	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Vanadium	18		2.9	0.46	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1
Zinc	240	B	1.2	0.85	mg/Kg	☼	04/19/23 09:43	04/30/23 02:33	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.034	0.022	mg/Kg	☼	05/01/23 08:15	05/02/23 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	14.7		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	85.3		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV63-0-0.17

Lab Sample ID: 180-154916-13

Date Collected: 04/11/23 10:55
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 68.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	28	5.4	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Benzene	ND		6.9	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Bromoform	ND		6.9	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Bromomethane	ND		6.9	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
2-Butanone (MEK)	ND	*1	6.9	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Carbon disulfide	ND		6.9	5.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Carbon tetrachloride	ND		6.9	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Chlorobenzene	ND		6.9	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Chlorobromomethane	ND		6.9	4.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Chlorodibromomethane	ND		6.9	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Chloroethane	ND		6.9	4.0	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Chloroform	ND		6.9	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Chloromethane	ND		6.9	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
cis-1,2-Dichloroethene	ND		6.9	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
cis-1,3-Dichloropropene	ND		6.9	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Cyclohexane	ND		6.9	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,2-Dibromo-3-Chloropropane	ND		6.9	4.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,2-Dibromoethane	ND		6.9	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,2-Dichlorobenzene	ND		6.9	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,3-Dichlorobenzene	ND		6.9	4.2	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,4-Dichlorobenzene	ND		6.9	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1

Client Sample ID: SSHS-IRM5A2-SCV63-0-0.17
Date Collected: 04/11/23 10:55
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-13
Matrix: Solid
Percent Solids: 68.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		6.9	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Dichlorodifluoromethane	ND		6.9	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,1-Dichloroethane	ND		6.9	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,2-Dichloroethane	ND		6.9	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,1-Dichloroethene	ND		6.9	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,2-Dichloroethene, Total	ND		14	5.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,2-Dichloropropane	ND		6.9	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,4-Dioxane	ND		1400	49	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Ethylbenzene	ND		6.9	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
2-Hexanone	ND		6.9	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Isopropylbenzene	ND		6.9	3.6	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Methyl acetate	ND		34	10	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Methylcyclohexane	ND		6.9	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Methylene Chloride	ND		6.9	6.2	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
4-Methyl-2-pentanone (MIBK)	ND		6.9	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Methyl tert-butyl ether	ND		6.9	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
m-Xylene & p-Xylene	ND		6.9	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
o-Xylene	ND		6.9	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Styrene	ND		6.9	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,1,2,2-Tetrachloroethane	ND		6.9	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Tetrachloroethene	ND		6.9	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Toluene	ND		6.9	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
trans-1,2-Dichloroethene	ND		6.9	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
trans-1,3-Dichloropropene	ND		6.9	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,2,3-Trichlorobenzene	ND		6.9	3.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,2,4-Trichlorobenzene	ND		6.9	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,1,1-Trichloroethane	ND		6.9	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,1,2-Trichloroethane	ND		6.9	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Trichloroethene	ND		6.9	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Trichlorofluoromethane	ND		6.9	5.7	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.9	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Vinyl chloride	ND		6.9	5.0	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1
Xylenes, Total	ND		14	9.9	ug/Kg	☼	04/21/23 07:44	04/21/23 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*60 - 124*	*04/21/23 07:44*	*04/21/23 15:58*	*1*
Dibromofluoromethane (Surr)	*117*		*69 - 126*	*04/21/23 07:44*	*04/21/23 15:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*		*73 - 135*	*04/21/23 07:44*	*04/21/23 15:58*	*1*
Toluene-d8 (Surr)	*101*		*67 - 134*	*04/21/23 07:44*	*04/21/23 15:58*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**54**	**J**	97	28	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Acenaphthylene	**160**		97	21	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Acetophenone	ND		970	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Anthracene	**200**		97	25	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Atrazine	ND		970	210	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Benzaldehyde	ND		970	60	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Benzo[a]anthracene	**710**		97	44	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Benzo[a]pyrene	**630**		97	42	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1

Client Sample ID: SSHS-IRM5A2-SCV63-0-0.17
Date Collected: 04/11/23 10:55
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-13
Matrix: Solid
Percent Solids: 68.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**810**		97	24	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Benzo[g,h,i]perylene	**460**		97	21	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Benzo[k]fluoranthene	**310**		97	29	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
1,1'-Biphenyl	ND		480	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Bis(2-chloroethoxy)methane	ND		480	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Bis(2-chloroethyl)ether	ND		97	18	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Bis(2-ethylhexyl) phthalate	ND		4800	520	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
4-Bromophenyl phenyl ether	ND		480	210	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Butyl benzyl phthalate	ND		480	330	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Caprolactam	ND		2500	310	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Carbazole	**64**	**J**	97	23	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
4-Chloroaniline	ND		480	130	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
4-Chloro-3-methylphenol	ND		480	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2-Chloronaphthalene	ND		97	22	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2-Chlorophenol	ND		480	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
4-Chlorophenyl phenyl ether	ND		480	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Chrysene	**710**		97	54	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Dibenz(a,h)anthracene	**130**		97	62	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Dibenzofuran	ND		480	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
3,3'-Dichlorobenzidine	ND		480	450	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2,4-Dichlorophenol	ND		97	37	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Diethyl phthalate	ND		480	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2,4-Dimethylphenol	ND		480	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Dimethyl phthalate	ND		480	190	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Di-n-butyl phthalate	ND		480	210	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
4,6-Dinitro-2-methylphenol	ND		2500	830	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2,4-Dinitrophenol	ND		4800	3000	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2,4-Dinitrotoluene	ND		480	290	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2,6-Dinitrotoluene	ND		480	190	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Di-n-octyl phthalate	ND		480	280	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
1,4-Dioxane	ND		970	150	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Fluoranthene	**1000**		97	26	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Fluorene	**58**	**J**	97	19	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Hexachlorobenzene	ND		97	35	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Hexachlorobutadiene	ND		97	28	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Hexachlorocyclopentadiene	ND		480	49	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Hexachloroethane	ND		480	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Indeno[1,2,3-cd]pyrene	**370**		97	48	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Isophorone	ND		480	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2-Methylnaphthalene	**55**	**J**	97	23	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2-Methylphenol	ND		480	140	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Methylphenol, 3 & 4	ND		480	140	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Naphthalene	**73**	**J**	97	19	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2-Nitroaniline	ND		2500	220	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
3-Nitroaniline	ND		2500	120	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
4-Nitroaniline	ND		2500	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Nitrobenzene	ND		970	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2-Nitrophenol	ND		480	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
4-Nitrophenol	ND		2500	340	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1

Client Sample ID: SSHS-IRM5A2-SCV63-0-0.17

Date Collected: 04/11/23 10:55
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-13

Matrix: Solid
Percent Solids: 68.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		97	33	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
N-Nitrosodiphenylamine	ND		480	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2,2'-oxybis[1-chloropropane]	ND		97	36	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Pentachlorophenol	ND		2500	780	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Phenanthrene	**600**		97	26	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Phenol	ND		480	150	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
Pyrene	**1200**		97	23	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
1,2,4,5-Tetrachlorobenzene	ND		480	190	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2,3,4,6-Tetrachlorophenol	ND		480	200	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2,4,5-Trichlorophenol	ND		480	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1
2,4,6-Trichlorophenol	ND		480	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*55*		*44 - 105*	*04/19/23 11:27*	*04/20/23 19:03*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*04/19/23 11:27*	*04/20/23 19:03*	*1*
Nitrobenzene-d5 (Surr)	*58*		*46 - 105*	*04/19/23 11:27*	*04/20/23 19:03*	*1*
Phenol-d5 (Surr)	*58*		*46 - 105*	*04/19/23 11:27*	*04/20/23 19:03*	*1*
Terphenyl-d14 (Surr)	*64*		*39 - 105*	*04/19/23 11:27*	*04/20/23 19:03*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*34 - 108*	*04/19/23 11:27*	*04/20/23 19:03*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		24	7.8	ug/Kg	☼	04/14/23 11:24	04/19/23 12:31	1
PCB-1221	ND		24	8.5	ug/Kg	☼	04/14/23 11:24	04/19/23 12:31	1
PCB-1232	ND		24	5.9	ug/Kg	☼	04/14/23 11:24	04/19/23 12:31	1
PCB-1242	ND		24	3.5	ug/Kg	☼	04/14/23 11:24	04/19/23 12:31	1
PCB-1248	**190**		24	5.8	ug/Kg	☼	04/14/23 11:24	04/19/23 12:31	1
PCB-1254	**120**		24	7.2	ug/Kg	☼	04/14/23 11:24	04/19/23 12:31	1
PCB-1260	ND		24	6.9	ug/Kg	☼	04/14/23 11:24	04/19/23 12:31	1
PCB-1262	ND		24	8.5	ug/Kg	☼	04/14/23 11:24	04/19/23 12:31	1
PCB-1268	ND		24	3.2	ug/Kg	☼	04/14/23 11:24	04/19/23 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*99*		*63 - 138*	*04/14/23 11:24*	*04/19/23 12:31*	*1*
DCB Decachlorobiphenyl (Surr)	*108*		*63 - 138*	*04/14/23 11:24*	*04/19/23 12:31*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*55 - 135*	*04/14/23 11:24*	*04/19/23 12:31*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*	*04/14/23 11:24*	*04/19/23 12:31*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9500**		30	7.5	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Antimony	ND		1.5	0.46	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Arsenic	**21**		1.5	0.95	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Barium	**150**		30	5.4	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Beryllium	**1.1**		0.60	0.16	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Cadmium	**0.39**	**J**	0.76	0.11	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Calcium	**9000**		760	98	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Chromium	**19**		0.76	0.69	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Cobalt	**11**		7.6	1.1	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Copper	**44**		3.8	2.3	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1

Client Sample ID: SSHS-IRM5A2-SCV63-0-0.17

Lab Sample ID: 180-154916-13
Date Collected: 04/11/23 10:55
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 68.9

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	21000	B	15	15	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Lead	65		1.5	1.3	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Magnesium	2600		760	83	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Manganese	410		2.3	0.42	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Nickel	29		6.0	0.76	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Potassium	1500		760	130	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Selenium	1.7		1.5	0.70	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Silver	ND		0.76	0.16	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Sodium	ND		760	77	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Thallium	1.0	J	3.0	0.43	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Vanadium	21		7.6	1.2	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1
Zinc	290	B	3.0	2.2	mg/Kg	☼	04/19/23 09:43	04/30/23 02:48	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.048	0.031	mg/Kg	☼	05/01/23 08:15	05/02/23 12:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	31.1		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	68.9		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV63-0.17-0.75

Lab Sample ID: 180-154916-14
Date Collected: 04/11/23 11:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 73.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	27	5.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Benzene	ND		6.8	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Bromoform	ND		6.8	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Bromomethane	ND		6.8	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
2-Butanone (MEK)	ND	*1	6.8	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Carbon disulfide	ND		6.8	5.4	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Carbon tetrachloride	ND		6.8	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Chlorobenzene	ND		6.8	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Chlorobromomethane	ND		6.8	4.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Chlorodibromomethane	ND		6.8	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Chloroethane	ND		6.8	3.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Chloroform	ND		6.8	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Chloromethane	ND		6.8	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
cis-1,2-Dichloroethene	ND		6.8	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
cis-1,3-Dichloropropene	ND		6.8	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Cyclohexane	ND		6.8	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,2-Dibromo-3-Chloropropane	ND		6.8	4.4	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,2-Dibromoethane	ND		6.8	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,2-Dichlorobenzene	ND		6.8	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,3-Dichlorobenzene	ND		6.8	4.2	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,4-Dichlorobenzene	ND		6.8	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Dichlorobromomethane	ND		6.8	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV63-0.17-0.75
Date Collected: 04/11/23 11:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-14
Matrix: Solid
Percent Solids: 73.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		6.8	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,1-Dichloroethane	ND		6.8	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,2-Dichloroethane	ND		6.8	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,1-Dichloroethene	ND		6.8	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,2-Dichloroethene, Total	ND		14	5.5	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,2-Dichloropropane	ND		6.8	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,4-Dioxane	ND		1400	48	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Ethylbenzene	ND		6.8	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
2-Hexanone	ND		6.8	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Isopropylbenzene	ND		6.8	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Methyl acetate	ND		34	9.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Methylcyclohexane	ND		6.8	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Methylene Chloride	ND		6.8	6.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
4-Methyl-2-pentanone (MIBK)	ND		6.8	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Methyl tert-butyl ether	ND		6.8	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
m-Xylene & p-Xylene	ND		6.8	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
o-Xylene	ND		6.8	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Styrene	ND		6.8	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,1,2,2-Tetrachloroethane	ND		6.8	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Tetrachloroethene	ND		6.8	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Toluene	ND		6.8	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
trans-1,2-Dichloroethene	ND		6.8	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
trans-1,3-Dichloropropene	ND		6.8	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,2,3-Trichlorobenzene	ND		6.8	3.7	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,2,4-Trichlorobenzene	ND		6.8	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,1,1-Trichloroethane	ND		6.8	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,1,2-Trichloroethane	ND		6.8	1.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Trichloroethene	ND		6.8	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Trichlorofluoromethane	ND		6.8	5.6	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.8	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Vinyl chloride	ND		6.8	4.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1
Xylenes, Total	ND		14	9.7	ug/Kg	☼	04/21/23 07:44	04/21/23 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*	*04/21/23 07:44*	*04/21/23 16:21*	*1*
Dibromofluoromethane (Surr)	*118*		*69 - 126*	*04/21/23 07:44*	*04/21/23 16:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*		*73 - 135*	*04/21/23 07:44*	*04/21/23 16:21*	*1*
Toluene-d8 (Surr)	*97*		*67 - 134*	*04/21/23 07:44*	*04/21/23 16:21*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**72**	**J**	91	26	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Acenaphthylene	**200**		91	20	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Acetophenone	ND		910	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Anthracene	**200**		91	23	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Atrazine	ND		910	200	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Benzaldehyde	ND		910	56	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Benzo[a]anthracene	**610**		91	41	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Benzo[a]pyrene	**610**		91	39	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Benzo[b]fluoranthene	**880**		91	22	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1

Client Sample ID: SSHS-IRM5A2-SCV63-0.17-0.75
Date Collected: 04/11/23 11:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-14
Matrix: Solid
Percent Solids: 73.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**470**		91	19	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Benzo[k]fluoranthene	**200**		91	27	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
1,1'-Biphenyl	ND		450	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Bis(2-chloroethoxy)methane	ND		450	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Bis(2-chloroethyl)ether	ND		91	16	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Bis(2-ethylhexyl) phthalate	ND		4500	480	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
4-Bromophenyl phenyl ether	ND		450	190	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Butyl benzyl phthalate	ND		450	310	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Caprolactam	ND		2300	290	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Carbazole	**70**	**J**	91	21	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
4-Chloroaniline	ND		450	120	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
4-Chloro-3-methylphenol	ND		450	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2-Chloronaphthalene	ND		91	21	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2-Chlorophenol	ND		450	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
4-Chlorophenyl phenyl ether	ND		450	150	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Chrysene	**600**		91	50	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Dibenz(a,h)anthracene	**120**		91	58	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Dibenzofuran	ND		450	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
3,3'-Dichlorobenzidine	ND		450	420	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2,4-Dichlorophenol	ND		91	35	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Diethyl phthalate	ND		450	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2,4-Dimethylphenol	ND		450	150	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Dimethyl phthalate	ND		450	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Di-n-butyl phthalate	ND		450	200	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
4,6-Dinitro-2-methylphenol	ND		2300	780	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2,4-Dinitrophenol	ND		4500	2800	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2,4-Dinitrotoluene	ND		450	270	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2,6-Dinitrotoluene	ND		450	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Di-n-octyl phthalate	ND		450	260	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
1,4-Dioxane	ND		910	140	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Fluoranthene	**900**		91	24	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Fluorene	**69**	**J**	91	18	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Hexachlorobenzene	ND		91	32	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Hexachlorobutadiene	ND		91	26	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Hexachlorocyclopentadiene	ND		450	46	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Hexachloroethane	ND		450	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Indeno[1,2,3-cd]pyrene	**380**		91	45	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Isophorone	ND		450	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2-Methylnaphthalene	**76**	**J**	91	22	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2-Methylphenol	ND		450	130	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Methylphenol, 3 & 4	ND		450	130	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Naphthalene	**93**		91	18	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2-Nitroaniline	ND		2300	210	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
3-Nitroaniline	ND		2300	110	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
4-Nitroaniline	ND		2300	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Nitrobenzene	ND		910	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2-Nitrophenol	ND		450	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
4-Nitrophenol	ND		2300	320	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
N-Nitrosodi-n-propylamine	ND		91	31	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1

Client Sample ID: SSHS-IRM5A2-SCV63-0.17-0.75

Date Collected: 04/11/23 11:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-14

Matrix: Solid
Percent Solids: 73.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		450	150	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2,2'-oxybis[1-chloropropane]	ND		91	33	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Pentachlorophenol	ND		2300	720	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Phenanthrene	**540**		91	24	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Phenol	ND		450	140	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
Pyrene	**1100**		91	21	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
1,2,4,5-Tetrachlorobenzene	ND		450	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2,3,4,6-Tetrachlorophenol	ND		450	190	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2,4,5-Trichlorophenol	ND		450	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1
2,4,6-Trichlorophenol	ND		450	150	ug/Kg	☼	04/19/23 11:27	04/20/23 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*04/19/23 11:27*	*04/20/23 19:26*	*1*
2-Fluorophenol (Surr)	*72*		*48 - 105*	*04/19/23 11:27*	*04/20/23 19:26*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*04/19/23 11:27*	*04/20/23 19:26*	*1*
Phenol-d5 (Surr)	*70*		*46 - 105*	*04/19/23 11:27*	*04/20/23 19:26*	*1*
Terphenyl-d14 (Surr)	*84*		*39 - 105*	*04/19/23 11:27*	*04/20/23 19:26*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*34 - 108*	*04/19/23 11:27*	*04/20/23 19:26*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.3	ug/Kg	☼	04/14/23 11:24	04/19/23 12:50	1
PCB-1221	ND		22	7.9	ug/Kg	☼	04/14/23 11:24	04/19/23 12:50	1
PCB-1232	ND		22	5.4	ug/Kg	☼	04/14/23 11:24	04/19/23 12:50	1
PCB-1242	ND		22	3.3	ug/Kg	☼	04/14/23 11:24	04/19/23 12:50	1
PCB-1248	**88**		22	5.4	ug/Kg	☼	04/14/23 11:24	04/19/23 12:50	1
PCB-1254	**74**		22	6.7	ug/Kg	☼	04/14/23 11:24	04/19/23 12:50	1
PCB-1260	ND		22	6.3	ug/Kg	☼	04/14/23 11:24	04/19/23 12:50	1
PCB-1262	ND		22	7.8	ug/Kg	☼	04/14/23 11:24	04/19/23 12:50	1
PCB-1268	ND		22	3.0	ug/Kg	☼	04/14/23 11:24	04/19/23 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*63 - 138*	*04/14/23 11:24*	*04/19/23 12:50*	*1*
DCB Decachlorobiphenyl (Surr)	*93*		*63 - 138*	*04/14/23 11:24*	*04/19/23 12:50*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*55 - 135*	*04/14/23 11:24*	*04/19/23 12:50*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*55 - 135*	*04/14/23 11:24*	*04/19/23 12:50*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		17	4.3	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Antimony	ND		0.86	0.26	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Arsenic	**12**		0.86	0.54	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Barium	**120**		17	3.0	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Beryllium	**0.62**		0.34	0.093	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Cadmium	**0.72**		0.43	0.063	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Calcium	**6700**		430	55	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Chromium	**18**		0.43	0.39	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Cobalt	**10**		4.3	0.60	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Copper	**40**		2.1	1.3	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Iron	**23000**	**B**	8.6	8.3	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1

Client Sample ID: SSHS-IRM5A2-SCV63-0.17-0.75

Lab Sample ID: 180-154916-14
Date Collected: 04/11/23 11:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 73.9

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	80		0.86	0.75	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Magnesium	3400		430	47	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Manganese	530		1.3	0.24	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Nickel	27		3.4	0.43	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Potassium	1100		430	73	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Selenium	0.72	J	0.86	0.39	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Silver	ND		0.43	0.089	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Sodium	68	J	430	44	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Thallium	0.56	J	1.7	0.24	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Vanadium	20		4.3	0.68	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1
Zinc	560	B	1.7	1.2	mg/Kg	☼	04/19/23 09:43	04/30/23 02:53	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.082		0.039	0.025	mg/Kg	☼	05/01/23 08:15	05/02/23 12:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	26.1		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	73.9		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV63-0.75-1.75

Lab Sample ID: 180-154916-15
Date Collected: 04/11/23 11:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 73.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	26	5.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Benzene	ND		6.5	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Bromoform	ND		6.5	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Bromomethane	ND		6.5	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
2-Butanone (MEK)	ND	*1	6.5	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Carbon disulfide	ND		6.5	5.2	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Carbon tetrachloride	ND		6.5	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Chlorobenzene	ND		6.5	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Chlorobromomethane	ND		6.5	3.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Chlorodibromomethane	ND		6.5	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Chloroethane	ND		6.5	3.8	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Chloroform	ND		6.5	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Chloromethane	ND		6.5	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
cis-1,2-Dichloroethene	ND		6.5	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
cis-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Cyclohexane	ND		6.5	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,2-Dibromo-3-Chloropropane	ND		6.5	4.2	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,2-Dibromoethane	ND		6.5	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,2-Dichlorobenzene	ND		6.5	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,3-Dichlorobenzene	ND		6.5	4.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,4-Dichlorobenzene	ND		6.5	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Dichlorobromomethane	ND		6.5	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Dichlorodifluoromethane	ND		6.5	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1

Client Sample ID: SSHS-IRM5A2-SCV63-0.75-1.75
Date Collected: 04/11/23 11:05
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-15
Matrix: Solid
Percent Solids: 73.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		6.5	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,2-Dichloroethane	ND		6.5	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,1-Dichloroethene	ND		6.5	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,2-Dichloroethene, Total	ND		13	5.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,2-Dichloropropane	ND		6.5	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,4-Dioxane	ND		1300	46	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Ethylbenzene	ND		6.5	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
2-Hexanone	ND		6.5	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Isopropylbenzene	ND		6.5	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Methyl acetate	ND		32	9.5	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Methylcyclohexane	ND		6.5	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Methylene Chloride	ND		6.5	5.8	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
4-Methyl-2-pentanone (MIBK)	ND		6.5	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Methyl tert-butyl ether	ND		6.5	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
m-Xylene & p-Xylene	ND		6.5	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
o-Xylene	ND		6.5	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Styrene	ND		6.5	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,1,2,2-Tetrachloroethane	ND		6.5	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Tetrachloroethene	ND		6.5	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Toluene	ND		6.5	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
trans-1,2-Dichloroethene	ND		6.5	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
trans-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,2,3-Trichlorobenzene	ND		6.5	3.6	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,2,4-Trichlorobenzene	ND		6.5	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,1,1-Trichloroethane	ND		6.5	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,1,2-Trichloroethane	ND		6.5	1.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Trichloroethene	ND		6.5	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Trichlorofluoromethane	ND		6.5	5.4	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.5	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Vinyl chloride	ND		6.5	4.7	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1
Xylenes, Total	ND		13	9.3	ug/Kg	☼	04/21/23 07:44	04/21/23 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*	*04/21/23 07:44*	*04/21/23 16:43*	*1*
Dibromofluoromethane (Surr)	*121*		*69 - 126*	*04/21/23 07:44*	*04/21/23 16:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*144*	*S1+*	*73 - 135*	*04/21/23 07:44*	*04/21/23 16:43*	*1*
Toluene-d8 (Surr)	*95*		*67 - 134*	*04/21/23 07:44*	*04/21/23 16:43*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**78**	**J**	91	26	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Acenaphthylene	**280**		91	20	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Acetophenone	ND		910	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Anthracene	**290**		91	23	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Atrazine	ND		910	200	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Benzaldehyde	ND		910	56	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Benzo[a]anthracene	**900**		91	41	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Benzo[a]pyrene	**820**		91	39	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Benzo[b]fluoranthene	**1100**		91	22	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Benzo[g,h,i]perylene	**660**		91	20	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1

Client Sample ID: SSHS-IRM5A2-SCV63-0.75-1.75
Date Collected: 04/11/23 11:05
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-15
Matrix: Solid
Percent Solids: 73.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	**340**		91	27	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
1,1'-Biphenyl	ND		450	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Bis(2-chloroethoxy)methane	ND		450	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Bis(2-chloroethyl)ether	ND		91	16	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Bis(2-ethylhexyl) phthalate	ND		4500	480	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
4-Bromophenyl phenyl ether	ND		450	190	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Butyl benzyl phthalate	ND		450	310	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Caprolactam	ND		2300	290	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Carbazole	**99**		91	21	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
4-Chloroaniline	ND		450	120	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
4-Chloro-3-methylphenol	ND		450	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2-Chloronaphthalene	ND		91	21	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2-Chlorophenol	ND		450	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
4-Chlorophenyl phenyl ether	ND		450	150	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Chrysene	**950**		91	50	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Dibenz(a,h)anthracene	**160**		91	58	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Dibenzofuran	ND		450	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
3,3'-Dichlorobenzidine	ND		450	420	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2,4-Dichlorophenol	ND		91	35	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Diethyl phthalate	ND		450	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2,4-Dimethylphenol	ND		450	150	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Dimethyl phthalate	ND		450	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Di-n-butyl phthalate	ND		450	200	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
4,6-Dinitro-2-methylphenol	ND		2300	780	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2,4-Dinitrophenol	ND		4500	2800	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2,4-Dinitrotoluene	ND		450	270	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2,6-Dinitrotoluene	ND		450	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Di-n-octyl phthalate	ND		450	260	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
1,4-Dioxane	ND		910	140	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Fluoranthene	**1300**		91	24	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Fluorene	**97**		91	18	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Hexachlorobenzene	ND		91	32	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Hexachlorobutadiene	ND		91	26	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Hexachlorocyclopentadiene	ND		450	46	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Hexachloroethane	ND		450	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Indeno[1,2,3-cd]pyrene	**560**		91	45	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Isophorone	ND		450	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2-Methylnaphthalene	**100**		91	22	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2-Methylphenol	ND		450	130	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Methylphenol, 3 & 4	ND		450	130	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Naphthalene	**110**		91	18	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2-Nitroaniline	ND		2300	210	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
3-Nitroaniline	ND		2300	110	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
4-Nitroaniline	ND		2300	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Nitrobenzene	ND		910	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2-Nitrophenol	ND		450	170	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
4-Nitrophenol	ND		2300	320	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
N-Nitrosodi-n-propylamine	ND		91	31	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
N-Nitrosodiphenylamine	ND		450	150	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1

Client Sample ID: SSHS-IRM5A2-SCV63-0.75-1.75
Date Collected: 04/11/23 11:05
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-15
Matrix: Solid
Percent Solids: 73.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		91	33	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Pentachlorophenol	ND		2300	730	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Phenanthrene	**800**		91	24	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Phenol	ND		450	140	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
Pyrene	**1600**		91	21	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
1,2,4,5-Tetrachlorobenzene	ND		450	180	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2,3,4,6-Tetrachlorophenol	ND		450	190	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2,4,5-Trichlorophenol	ND		450	160	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1
2,4,6-Trichlorophenol	ND		450	150	ug/Kg	☼	04/19/23 11:27	04/20/23 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*56*		*44 - 105*	*04/19/23 11:27*	*04/20/23 19:49*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*04/19/23 11:27*	*04/20/23 19:49*	*1*
Nitrobenzene-d5 (Surr)	*59*		*46 - 105*	*04/19/23 11:27*	*04/20/23 19:49*	*1*
Phenol-d5 (Surr)	*58*		*46 - 105*	*04/19/23 11:27*	*04/20/23 19:49*	*1*
Terphenyl-d14 (Surr)	*69*		*39 - 105*	*04/19/23 11:27*	*04/20/23 19:49*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*34 - 108*	*04/19/23 11:27*	*04/20/23 19:49*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.3	ug/Kg	☼	04/14/23 11:24	04/19/23 13:09	1
PCB-1221	ND		22	7.9	ug/Kg	☼	04/14/23 11:24	04/19/23 13:09	1
PCB-1232	ND		22	5.5	ug/Kg	☼	04/14/23 11:24	04/19/23 13:09	1
PCB-1242	ND		22	3.3	ug/Kg	☼	04/14/23 11:24	04/19/23 13:09	1
PCB-1248	**150**		22	5.4	ug/Kg	☼	04/14/23 11:24	04/19/23 13:09	1
PCB-1254	**110**		22	6.7	ug/Kg	☼	04/14/23 11:24	04/19/23 13:09	1
PCB-1260	ND		22	6.4	ug/Kg	☼	04/14/23 11:24	04/19/23 13:09	1
PCB-1262	ND		22	7.9	ug/Kg	☼	04/14/23 11:24	04/19/23 13:09	1
PCB-1268	ND		22	3.0	ug/Kg	☼	04/14/23 11:24	04/19/23 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*105*		*63 - 138*	*04/14/23 11:24*	*04/19/23 13:09*	*1*
DCB Decachlorobiphenyl (Surr)	*109*		*63 - 138*	*04/14/23 11:24*	*04/19/23 13:09*	*1*
Tetrachloro-m-xylene (Surr)	*112*		*55 - 135*	*04/14/23 11:24*	*04/19/23 13:09*	*1*
Tetrachloro-m-xylene (Surr)	*104*		*55 - 135*	*04/14/23 11:24*	*04/19/23 13:09*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8900**		21	5.4	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Antimony	ND		1.1	0.33	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Arsenic	**13**		1.1	0.67	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Barium	**130**		21	3.8	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Beryllium	**0.64**		0.43	0.12	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Cadmium	**0.86**		0.54	0.079	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Calcium	**5700**		540	69	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Chromium	**17**		0.54	0.49	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Cobalt	**9.0**		5.4	0.76	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Copper	**47**		2.7	1.6	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Iron	**23000**	**B**	11	10	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Lead	**110**		1.1	0.94	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1

Client Sample ID: SSHS-IRM5A2-SCV63-0.75-1.75

Lab Sample ID: 180-154916-15

Date Collected: 04/11/23 11:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 73.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	2500		540	59	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Manganese	460		1.6	0.30	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Nickel	26		4.3	0.54	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Potassium	940		540	91	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Selenium	0.74	J	1.1	0.50	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Silver	ND		0.54	0.11	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Sodium	65	J	540	55	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Thallium	0.65	J	2.1	0.31	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Vanadium	17		5.4	0.85	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1
Zinc	710	B	2.1	1.6	mg/Kg	☼	04/19/23 09:43	04/30/23 02:58	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.039	0.025	mg/Kg	☼	05/01/23 08:15	05/02/23 12:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	26.2		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	73.8		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV64-0-0.17

Lab Sample ID: 180-154916-16

Date Collected: 04/11/23 11:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	24	4.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Benzene	ND		6.0	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Bromomethane	ND		6.0	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
2-Butanone (MEK)	ND	*1	6.0	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Carbon disulfide	ND		6.0	4.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Carbon tetrachloride	ND		6.0	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Chlorobenzene	ND		6.0	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Chlorobromomethane	ND		6.0	3.6	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Chlorodibromomethane	ND		6.0	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Chloroethane	ND		6.0	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Chloroform	ND		6.0	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Chloromethane	ND		6.0	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
cis-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Cyclohexane	ND		6.0	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,2-Dibromoethane	ND		6.0	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,2-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,3-Dichlorobenzene	ND		6.0	3.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Dichlorobromomethane	ND		6.0	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Dichlorodifluoromethane	ND		6.0	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,1-Dichloroethane	ND		6.0	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1

Client Sample ID: SSHS-IRM5A2-SCV64-0-0.17

Date Collected: 04/11/23 11:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-16

Matrix: Solid
Percent Solids: 79.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,1-Dichloroethene	ND		6.0	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,2-Dichloroethene, Total	ND		12	4.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,2-Dichloropropane	ND		6.0	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,4-Dioxane	ND		1200	43	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Ethylbenzene	ND		6.0	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
2-Hexanone	ND		6.0	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Isopropylbenzene	ND		6.0	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Methyl acetate	ND		30	8.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Methylcyclohexane	ND		6.0	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Methylene Chloride	ND		6.0	5.5	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
4-Methyl-2-pentanone (MIBK)	ND		6.0	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Methyl tert-butyl ether	ND		6.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
m-Xylene & p-Xylene	ND		6.0	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
o-Xylene	ND		6.0	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Styrene	ND		6.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Tetrachloroethene	ND		6.0	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Toluene	ND		6.0	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
trans-1,2-Dichloroethene	ND		6.0	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
trans-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,2,3-Trichlorobenzene	ND		6.0	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,2,4-Trichlorobenzene	ND		6.0	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,1,1-Trichloroethane	ND		6.0	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,1,2-Trichloroethane	ND		6.0	1.2	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Trichloroethene	ND		6.0	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Trichlorofluoromethane	ND		6.0	5.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Vinyl chloride	ND		6.0	4.4	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1
Xylenes, Total	ND		12	8.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*60 - 124*	*04/21/23 07:44*	*04/21/23 17:06*	*1*
Dibromofluoromethane (Surr)	*118*		*69 - 126*	*04/21/23 07:44*	*04/21/23 17:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*135*		*73 - 135*	*04/21/23 07:44*	*04/21/23 17:06*	*1*
Toluene-d8 (Surr)	*99*		*67 - 134*	*04/21/23 07:44*	*04/21/23 17:06*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		85	24	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Acenaphthylene	**130**		85	18	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Acetophenone	ND		850	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Anthracene	**81**	**J**	85	22	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Atrazine	ND		850	180	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Benzaldehyde	ND		850	52	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Benzo[a]anthracene	**460**		85	38	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Benzo[a]pyrene	**380**		85	37	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Benzo[b]fluoranthene	**560**		85	21	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Benzo[g,h,i]perylene	**310**		85	18	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Benzo[k]fluoranthene	**170**		85	25	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV64-0-0.17
Date Collected: 04/11/23 11:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-16
Matrix: Solid
Percent Solids: 79.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		420	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Bis(2-chloroethoxy)methane	ND		420	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Bis(2-chloroethyl)ether	ND		85	15	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Carbazole	**27**	**J**	85	20	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2-Chloronaphthalene	ND		85	19	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Chrysene	**490**		85	47	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Dibenz(a,h)anthracene	**87**		85	54	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Dibenzofuran	ND		420	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
3,3'-Dichlorobenzidine	ND		420	390	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2,4-Dichlorophenol	ND		85	32	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Di-n-butyl phthalate	ND		420	180	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
4,6-Dinitro-2-methylphenol	ND		2100	730	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2,6-Dinitrotoluene	ND		420	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
1,4-Dioxane	ND		850	130	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Fluoranthene	**700**		85	22	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Fluorene	ND		85	17	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Hexachlorobenzene	ND		85	30	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Hexachlorobutadiene	ND		85	25	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Hexachlorocyclopentadiene	ND		420	43	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Indeno[1,2,3-cd]pyrene	**250**		85	42	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Isophorone	ND		420	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2-Methylnaphthalene	**29**	**J**	85	20	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Methylphenol, 3 & 4	ND		420	120	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Naphthalene	**41**	**J**	85	16	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
3-Nitroaniline	ND		2100	110	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
4-Nitroaniline	ND		2100	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Nitrobenzene	ND		850	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
4-Nitrophenol	ND		2100	300	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
N-Nitrosodi-n-propylamine	ND		85	29	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2,2'-oxybis[1-chloropropane]	ND		85	31	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1

Client Sample ID: SSHS-IRM5A2-SCV64-0-0.17

Date Collected: 04/11/23 11:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-16

Matrix: Solid
Percent Solids: 79.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		2100	680	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Phenanthrene	**350**		85	23	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Phenol	ND		420	130	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
Pyrene	**830**		85	20	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*50*		*44 - 105*	*04/19/23 11:27*	*04/20/23 20:12*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*04/19/23 11:27*	*04/20/23 20:12*	*1*
Nitrobenzene-d5 (Surr)	*53*		*46 - 105*	*04/19/23 11:27*	*04/20/23 20:12*	*1*
Phenol-d5 (Surr)	*56*		*46 - 105*	*04/19/23 11:27*	*04/20/23 20:12*	*1*
Terphenyl-d14 (Surr)	*59*		*39 - 105*	*04/19/23 11:27*	*04/20/23 20:12*	*1*
2,4,6-Tribromophenol (Surr)	*52*		*34 - 108*	*04/19/23 11:27*	*04/20/23 20:12*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.8	ug/Kg	☼	04/14/23 11:24	04/19/23 13:28	1
PCB-1221	ND		21	7.4	ug/Kg	☼	04/14/23 11:24	04/19/23 13:28	1
PCB-1232	ND		21	5.1	ug/Kg	☼	04/14/23 11:24	04/19/23 13:28	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/14/23 11:24	04/19/23 13:28	1
PCB-1248	ND		21	5.0	ug/Kg	☼	04/14/23 11:24	04/19/23 13:28	1
PCB-1254	**23**		21	6.3	ug/Kg	☼	04/14/23 11:24	04/19/23 13:28	1
PCB-1260	ND		21	6.0	ug/Kg	☼	04/14/23 11:24	04/19/23 13:28	1
PCB-1262	ND		21	7.4	ug/Kg	☼	04/14/23 11:24	04/19/23 13:28	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/14/23 11:24	04/19/23 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*106*		*63 - 138*	*04/14/23 11:24*	*04/19/23 13:28*	*1*
DCB Decachlorobiphenyl (Surr)	*107*		*63 - 138*	*04/14/23 11:24*	*04/19/23 13:28*	*1*
Tetrachloro-m-xylene (Surr)	*110*		*55 - 135*	*04/14/23 11:24*	*04/19/23 13:28*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*55 - 135*	*04/14/23 11:24*	*04/19/23 13:28*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8200**		15	3.6	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Antimony	ND		0.73	0.22	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Arsenic	**6.9**		0.73	0.46	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Barium	**120**		15	2.6	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Beryllium	**0.46**		0.29	0.079	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Cadmium	**0.20**	**J**	0.36	0.053	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Calcium	**3400**		360	47	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Chromium	**14**		0.36	0.33	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Cobalt	**8.0**		3.6	0.51	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Copper	**29**		1.8	1.1	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Iron	**19000**	**B**	7.3	7.1	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Lead	**69**		0.73	0.63	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Magnesium	**2300**		360	40	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1

Client Sample ID: SSHS-IRM5A2-SCV64-0-0.17

Lab Sample ID: 180-154916-16

Date Collected: 04/11/23 11:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.1

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	440		1.1	0.20	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Nickel	21		2.9	0.37	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Potassium	1400		360	62	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Selenium	ND		0.73	0.33	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Silver	ND		0.36	0.076	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Sodium	ND		360	37	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Thallium	0.54	J	1.5	0.21	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Vanadium	14		3.6	0.57	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1
Zinc	120	B	1.5	1.1	mg/Kg	☼	04/19/23 09:43	04/30/23 03:03	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.077		0.040	0.026	mg/Kg	☼	05/01/23 08:15	05/02/23 12:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	20.9		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	79.1		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV64-0.17-0.92

Lab Sample ID: 180-154916-17

Date Collected: 04/11/23 11:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 78.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	25	4.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Benzene	ND		6.3	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Bromoform	ND		6.3	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Bromomethane	ND		6.3	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
2-Butanone (MEK)	ND	*1	6.3	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Carbon disulfide	ND		6.3	5.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Carbon tetrachloride	ND		6.3	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Chlorobenzene	ND		6.3	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Chlorobromomethane	ND		6.3	3.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Chlorodibromomethane	ND		6.3	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Chloroethane	ND		6.3	3.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Chloroform	ND		6.3	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Chloromethane	ND		6.3	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
cis-1,2-Dichloroethene	ND		6.3	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
cis-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Cyclohexane	ND		6.3	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,2-Dibromo-3-Chloropropane	ND		6.3	4.1	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,2-Dibromoethane	ND		6.3	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,2-Dichlorobenzene	ND		6.3	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,3-Dichlorobenzene	ND		6.3	3.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,4-Dichlorobenzene	ND		6.3	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Dichlorobromomethane	ND		6.3	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Dichlorodifluoromethane	ND		6.3	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,1-Dichloroethane	ND		6.3	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,2-Dichloroethane	ND		6.3	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1

Client Sample ID: SSHS-IRM5A2-SCV64-0.17-0.92

Date Collected: 04/11/23 11:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-17

Matrix: Solid
Percent Solids: 78.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		6.3	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,2-Dichloroethene, Total	ND		13	5.1	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,2-Dichloropropane	ND		6.3	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,4-Dioxane	ND		1300	45	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Ethylbenzene	ND		6.3	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
2-Hexanone	ND		6.3	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Isopropylbenzene	ND		6.3	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Methyl acetate	ND		32	9.3	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Methylcyclohexane	ND		6.3	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Methylene Chloride	ND		6.3	5.7	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
4-Methyl-2-pentanone (MIBK)	ND		6.3	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Methyl tert-butyl ether	ND		6.3	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
m-Xylene & p-Xylene	ND		6.3	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
o-Xylene	ND		6.3	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Styrene	ND		6.3	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Tetrachloroethene	ND		6.3	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Toluene	ND		6.3	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
trans-1,2-Dichloroethene	ND		6.3	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
trans-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,2,3-Trichlorobenzene	ND		6.3	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,2,4-Trichlorobenzene	ND		6.3	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,1,1-Trichloroethane	ND		6.3	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,1,2-Trichloroethane	ND		6.3	1.2	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Trichloroethene	ND		6.3	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Trichlorofluoromethane	ND		6.3	5.2	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Vinyl chloride	ND		6.3	4.5	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1
Xylenes, Total	ND		13	9.1	ug/Kg	☼	04/21/23 07:44	04/21/23 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*60 - 124*	*04/21/23 07:44*	*04/21/23 17:29*	*1*
Dibromofluoromethane (Surr)	*124*		*69 - 126*	*04/21/23 07:44*	*04/21/23 17:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*141*	*S1+*	*73 - 135*	*04/21/23 07:44*	*04/21/23 17:29*	*1*
Toluene-d8 (Surr)	*102*		*67 - 134*	*04/21/23 07:44*	*04/21/23 17:29*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**46**	**J**	85	24	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Acenaphthylene	**500**		85	19	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Acetophenone	ND		850	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Anthracene	**890**		85	22	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Atrazine	ND		850	190	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Benzaldehyde	ND		850	53	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Benzo[a]anthracene	**2700**		85	38	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Benzo[a]pyrene	**2000**		85	37	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Benzo[b]fluoranthene	**2500**		85	21	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Benzo[g,h,i]perylene	**1300**		85	18	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Benzo[k]fluoranthene	**780**		85	25	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
1,1'-Biphenyl	ND		420	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1

Client Sample ID: SSHS-IRM5A2-SCV64-0.17-0.92
Date Collected: 04/11/23 11:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-17
Matrix: Solid
Percent Solids: 78.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		420	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Bis(2-chloroethyl)ether	ND		85	15	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Carbazole	**120**		85	20	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2-Chloronaphthalene	ND		85	19	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Chrysene	**2300**		85	47	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Dibenz(a,h)anthracene	**410**		85	54	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Dibenzofuran	**230**	**J**	420	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
3,3'-Dichlorobenzidine	ND		420	390	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2,4-Dichlorophenol	ND		85	33	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Di-n-butyl phthalate	ND		420	190	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
4,6-Dinitro-2-methylphenol	ND		2200	730	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2,6-Dinitrotoluene	ND		420	170	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
1,4-Dioxane	ND		850	130	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Fluoranthene	**4400**		85	22	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Fluorene	**120**		85	17	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Hexachlorobenzene	ND		85	30	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Hexachlorobutadiene	ND		85	25	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Hexachlorocyclopentadiene	ND		420	43	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Indeno[1,2,3-cd]pyrene	**1200**		85	42	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Isophorone	ND		420	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2-Methylnaphthalene	**210**		85	20	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Methylphenol, 3 & 4	ND		420	120	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Naphthalene	**320**		85	17	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2-Nitroaniline	ND		2200	190	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Nitrobenzene	ND		850	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
N-Nitrosodi-n-propylamine	ND		85	29	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2,2'-oxybis[1-chloropropane]	ND		85	31	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Pentachlorophenol	ND		2200	680	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1

Client Sample ID: SSHS-IRM5A2-SCV64-0.17-0.92

Date Collected: 04/11/23 11:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-17

Matrix: Solid
Percent Solids: 78.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**3900**		85	23	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Phenol	ND		420	130	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
Pyrene	**4800**		85	20	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*04/19/23 11:27*	*04/20/23 20:34*	*1*
2-Fluorophenol (Surr)	*70*		*48 - 105*	*04/19/23 11:27*	*04/20/23 20:34*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*04/19/23 11:27*	*04/20/23 20:34*	*1*
Phenol-d5 (Surr)	*72*		*46 - 105*	*04/19/23 11:27*	*04/20/23 20:34*	*1*
Terphenyl-d14 (Surr)	*83*		*39 - 105*	*04/19/23 11:27*	*04/20/23 20:34*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*34 - 108*	*04/19/23 11:27*	*04/20/23 20:34*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.8	ug/Kg	☼	04/14/23 11:24	04/19/23 14:25	1
PCB-1221	ND		21	7.4	ug/Kg	☼	04/14/23 11:24	04/19/23 14:25	1
PCB-1232	ND		21	5.1	ug/Kg	☼	04/14/23 11:24	04/19/23 14:25	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/14/23 11:24	04/19/23 14:25	1
PCB-1248	ND		21	5.0	ug/Kg	☼	04/14/23 11:24	04/19/23 14:25	1
PCB-1254	**14**	**J**	21	6.3	ug/Kg	☼	04/14/23 11:24	04/19/23 14:25	1
PCB-1260	ND		21	6.0	ug/Kg	☼	04/14/23 11:24	04/19/23 14:25	1
PCB-1262	ND		21	7.4	ug/Kg	☼	04/14/23 11:24	04/19/23 14:25	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/14/23 11:24	04/19/23 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*	*04/14/23 11:24*	*04/19/23 14:25*	*1*
DCB Decachlorobiphenyl (Surr)	*104*		*63 - 138*	*04/14/23 11:24*	*04/19/23 14:25*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*55 - 135*	*04/14/23 11:24*	*04/19/23 14:25*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*04/14/23 11:24*	*04/19/23 14:25*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6800**		16	4.0	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Antimony	**0.78**	**J**	0.80	0.24	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Arsenic	**21**		0.80	0.50	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Barium	**340**		16	2.9	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Beryllium	**0.66**		0.32	0.088	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Cadmium	**0.81**		0.40	0.059	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Calcium	**4200**		400	52	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Chromium	**31**		0.40	0.37	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Cobalt	**8.7**		4.0	0.57	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Copper	**200**		2.0	1.2	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Iron	**27000**	**B**	8.0	7.8	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Lead	**1000**		0.80	0.70	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Magnesium	**1500**		400	44	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Manganese	**310**		1.2	0.22	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1

Client Sample ID: SSHS-IRM5A2-SCV64-0.17-0.92

Lab Sample ID: 180-154916-17

Date Collected: 04/11/23 11:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 78.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	41		3.2	0.40	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Potassium	950		400	68	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Selenium	1.3		0.80	0.37	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Silver	0.23	J	0.40	0.084	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Sodium	95	J	400	41	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Thallium	0.24	J	1.6	0.23	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Vanadium	23		4.0	0.64	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1
Zinc	390	B	1.6	1.2	mg/Kg	☼	04/19/23 09:43	04/30/23 03:08	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.24		0.040	0.026	mg/Kg	☼	05/01/23 08:15	05/02/23 12:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	21.2		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	78.8		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV64-0.92-1.92

Lab Sample ID: 180-154916-18

Date Collected: 04/11/23 11:20
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 83.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.5	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Benzene	ND		5.8	1.6	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Bromoform	ND		5.8	2.9	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Bromomethane	ND		5.8	2.6	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
2-Butanone (MEK)	ND		5.8	2.9	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Carbon disulfide	ND		5.8	4.6	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Carbon tetrachloride	ND		5.8	2.3	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Chlorobenzene	ND		5.8	1.5	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Chlorobromomethane	ND		5.8	3.5	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Chlorodibromomethane	ND		5.8	2.9	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Chloroethane	ND		5.8	3.4	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Chloroform	ND		5.8	1.9	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Chloromethane	ND		5.8	2.3	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
cis-1,3-Dichloropropene	ND		5.8	2.5	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Cyclohexane	ND		5.8	2.7	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,2-Dibromo-3-Chloropropane	ND		5.8	3.7	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,2-Dibromoethane	ND		5.8	1.6	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,2-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,3-Dichlorobenzene	ND		5.8	3.5	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,4-Dichlorobenzene	ND		5.8	1.7	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Dichlorobromomethane	ND		5.8	2.7	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Dichlorodifluoromethane	ND		5.8	2.9	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,1-Dichloroethane	ND		5.8	1.8	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,2-Dichloroethane	ND		5.8	1.7	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,1-Dichloroethene	ND		5.8	2.6	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1

Client Sample ID: SSHS-IRM5A2-SCV64-0.92-1.92

Date Collected: 04/11/23 11:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-18

Matrix: Solid
Percent Solids: 83.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		12	4.7	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,2-Dichloropropane	ND		5.8	1.5	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,4-Dioxane	ND		1200	41	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Ethylbenzene	ND		5.8	2.1	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
2-Hexanone	ND		5.8	1.8	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Isopropylbenzene	ND		5.8	3.0	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Methyl acetate	ND		29	8.5	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Methylcyclohexane	ND		5.8	2.8	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Methylene Chloride	ND		5.8	5.2	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.8	2.1	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Methyl tert-butyl ether	ND		5.8	1.7	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
m-Xylene & p-Xylene	ND		5.8	2.0	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
o-Xylene	ND		5.8	2.3	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Styrene	ND		5.8	1.7	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.7	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Tetrachloroethene	ND		5.8	2.3	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Toluene	ND		5.8	1.7	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
trans-1,2-Dichloroethene	ND		5.8	2.0	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
trans-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,2,3-Trichlorobenzene	ND		5.8	3.2	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,1,1-Trichloroethane	ND		5.8	1.9	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,1,2-Trichloroethane	ND		5.8	1.1	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Trichloroethene	ND		5.8	1.8	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Trichlorofluoromethane	ND		5.8	4.8	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	2.3	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Vinyl chloride	ND		5.8	4.1	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1
Xylenes, Total	ND		12	8.3	ug/Kg	☼	04/21/23 17:59	04/22/23 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 124*	*04/21/23 17:59*	*04/22/23 20:56*	*1*
Dibromofluoromethane (Surr)	*110*		*69 - 126*	*04/21/23 17:59*	*04/22/23 20:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*73 - 135*	*04/21/23 17:59*	*04/22/23 20:56*	*1*
Toluene-d8 (Surr)	*94*		*67 - 134*	*04/21/23 17:59*	*04/22/23 20:56*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		81	23	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Acenaphthylene	**290**		81	18	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Acetophenone	ND		810	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Anthracene	**360**		81	21	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Atrazine	ND		810	180	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Benzaldehyde	ND		810	50	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Benzo[a]anthracene	**1400**		81	36	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Benzo[a]pyrene	**1200**		81	35	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Benzo[b]fluoranthene	**1500**		81	20	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Benzo[g,h,i]perylene	**870**		81	17	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Benzo[k]fluoranthene	**500**		81	24	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV64-0.92-1.92
Date Collected: 04/11/23 11:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-18
Matrix: Solid
Percent Solids: 83.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		81	15	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Carbazole	**110**		81	19	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2-Chloronaphthalene	ND		81	18	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Chrysene	**1300**		81	44	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Dibenz(a,h)anthracene	**240**		81	51	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
3,3'-Dichlorobenzidine	ND		400	370	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2,4-Dichlorophenol	ND		81	31	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2,4-Dimethylphenol	ND		400	130	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
4,6-Dinitro-2-methylphenol	ND		2000	690	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Di-n-octyl phthalate	ND		400	230	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
1,4-Dioxane	ND		810	130	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Fluoranthene	**2100**		81	21	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Fluorene	**44**	**J**	81	16	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Hexachlorobenzene	ND		81	29	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Hexachlorobutadiene	ND		81	23	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Hexachlorocyclopentadiene	ND		400	41	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Indeno[1,2,3-cd]pyrene	**780**		81	40	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Isophorone	ND		400	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2-Methylnaphthalene	**91**		81	19	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2-Methylphenol	ND		400	110	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Naphthalene	**160**		81	16	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Nitrobenzene	ND		810	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
N-Nitrosodi-n-propylamine	ND		81	27	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2,2'-oxybis[1-chloropropane]	ND		81	30	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Phenanthrene	**1300**		81	22	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1

Client Sample ID: SSHS-IRM5A2-SCV64-0.92-1.92

Date Collected: 04/11/23 11:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-18

Matrix: Solid
Percent Solids: 83.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		400	120	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
Pyrene	**2400**		81	19	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	04/19/23 11:27	04/20/23 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/19/23 11:27*	*04/20/23 20:57*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*04/19/23 11:27*	*04/20/23 20:57*	*1*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*	*04/19/23 11:27*	*04/20/23 20:57*	*1*
Phenol-d5 (Surr)	*73*		*46 - 105*	*04/19/23 11:27*	*04/20/23 20:57*	*1*
Terphenyl-d14 (Surr)	*82*		*39 - 105*	*04/19/23 11:27*	*04/20/23 20:57*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*34 - 108*	*04/19/23 11:27*	*04/20/23 20:57*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	04/14/23 11:24	04/19/23 14:44	1
PCB-1221	ND		20	7.1	ug/Kg	☼	04/14/23 11:24	04/19/23 14:44	1
PCB-1232	ND		20	4.9	ug/Kg	☼	04/14/23 11:24	04/19/23 14:44	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/14/23 11:24	04/19/23 14:44	1
PCB-1248	ND		20	4.8	ug/Kg	☼	04/14/23 11:24	04/19/23 14:44	1
PCB-1254	**9.2**	**J**	20	6.0	ug/Kg	☼	04/14/23 11:24	04/19/23 14:44	1
PCB-1260	ND		20	5.7	ug/Kg	☼	04/14/23 11:24	04/19/23 14:44	1
PCB-1262	ND		20	7.0	ug/Kg	☼	04/14/23 11:24	04/19/23 14:44	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/14/23 11:24	04/19/23 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*108*		*63 - 138*	*04/14/23 11:24*	*04/19/23 14:44*	*1*
DCB Decachlorobiphenyl (Surr)	*115*		*63 - 138*	*04/14/23 11:24*	*04/19/23 14:44*	*1*
Tetrachloro-m-xylene (Surr)	*110*		*55 - 135*	*04/14/23 11:24*	*04/19/23 14:44*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*	*04/14/23 11:24*	*04/19/23 14:44*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8200**		14	3.4	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Antimony	**0.47**	**J**	0.68	0.20	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Arsenic	**10**		0.68	0.42	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Barium	**200**		14	2.4	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Beryllium	**0.67**		0.27	0.074	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Cadmium	**0.25**	**J**	0.34	0.050	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Calcium	**2200**		340	44	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Chromium	**15**		0.34	0.31	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Cobalt	**8.4**		3.4	0.48	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Copper	**48**		1.7	1.0	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Iron	**19000**	**B**	6.8	6.6	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Lead	**120**		0.68	0.59	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Magnesium	**2200**		340	37	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Manganese	**480**		1.0	0.19	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Nickel	**26**		2.7	0.34	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1

Client Sample ID: SSHS-IRM5A2-SCV64-0.92-1.92

Lab Sample ID: 180-154916-18
Date Collected: 04/11/23 11:20
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 83.2

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	990		340	57	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Selenium	0.52	J	0.68	0.31	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Silver	ND		0.34	0.070	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Sodium	37	J	340	35	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Thallium	0.53	J	1.4	0.19	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Vanadium	18		3.4	0.53	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1
Zinc	160	B	1.4	0.98	mg/Kg	☼	04/19/23 09:43	04/30/23 03:13	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20		0.040	0.025	mg/Kg	☼	05/01/23 08:15	05/02/23 12:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	16.8		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	83.2		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV65-0-0.25

Lab Sample ID: 180-154916-19
Date Collected: 04/11/23 11:25
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 81.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	24	4.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Benzene	ND		6.0	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Bromomethane	ND		6.0	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
2-Butanone (MEK)	ND	*1	6.0	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Carbon disulfide	ND		6.0	4.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Carbon tetrachloride	ND		6.0	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Chlorobenzene	ND		6.0	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Chlorobromomethane	ND		6.0	3.6	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Chlorodibromomethane	ND		6.0	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Chloroethane	ND		6.0	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Chloroform	ND		6.0	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Chloromethane	ND		6.0	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
cis-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Cyclohexane	ND		6.0	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,2-Dibromoethane	ND		6.0	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,2-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,3-Dichlorobenzene	ND		6.0	3.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Dichlorobromomethane	ND		6.0	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Dichlorodifluoromethane	ND		6.0	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,1-Dichloroethane	ND		6.0	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,2-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,1-Dichloroethene	ND		6.0	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,2-Dichloroethene, Total	ND		12	4.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV65-0-0.25
Date Collected: 04/11/23 11:25
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-19
Matrix: Solid
Percent Solids: 81.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		6.0	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,4-Dioxane	ND		1200	43	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Ethylbenzene	ND		6.0	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
2-Hexanone	ND		6.0	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Isopropylbenzene	ND		6.0	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Methyl acetate	ND		30	8.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Methylcyclohexane	ND		6.0	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Methylene Chloride	ND		6.0	5.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
4-Methyl-2-pentanone (MIBK)	ND		6.0	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Methyl tert-butyl ether	ND		6.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
m-Xylene & p-Xylene	ND		6.0	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
o-Xylene	ND		6.0	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Styrene	ND		6.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Tetrachloroethene	ND		6.0	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Toluene	ND		6.0	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
trans-1,2-Dichloroethene	ND		6.0	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
trans-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,2,3-Trichlorobenzene	ND		6.0	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,2,4-Trichlorobenzene	ND		6.0	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,1,1-Trichloroethane	ND		6.0	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,1,2-Trichloroethane	ND		6.0	1.2	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Trichloroethene	ND		6.0	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Trichlorofluoromethane	ND		6.0	5.0	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Vinyl chloride	ND		6.0	4.3	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1
Xylenes, Total	ND		12	8.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*60 - 124*	*04/21/23 07:44*	*04/21/23 18:15*	*1*
Dibromofluoromethane (Surr)	*134*	*S1+*	*69 - 126*	*04/21/23 07:44*	*04/21/23 18:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*168*	*S1+*	*73 - 135*	*04/21/23 07:44*	*04/21/23 18:15*	*1*
Toluene-d8 (Surr)	*103*		*67 - 134*	*04/21/23 07:44*	*04/21/23 18:15*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**130**		83	24	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Acenaphthylene	**1200**		83	18	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Acetophenone	ND		830	150	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Anthracene	**920**		83	21	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Atrazine	ND		830	180	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Benzaldehyde	ND		830	51	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Benzo[a]anthracene	**3300**		83	37	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Benzo[a]pyrene	**2900**		83	36	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Benzo[b]fluoranthene	**3300**		83	20	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Benzo[g,h,i]perylene	**2100**		83	18	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Benzo[k]fluoranthene	**1200**		83	25	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
1,1'-Biphenyl	ND		410	150	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Bis(2-chloroethoxy)methane	ND		410	150	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Bis(2-chloroethyl)ether	ND		83	15	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV65-0-0.25
Date Collected: 04/11/23 11:25
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-19
Matrix: Solid
Percent Solids: 81.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		4100	440	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
4-Bromophenyl phenyl ether	ND		410	180	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Butyl benzyl phthalate	ND		410	280	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Carbazole	**190**		83	19	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
4-Chloroaniline	ND		410	110	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
4-Chloro-3-methylphenol	ND		410	140	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2-Chloronaphthalene	ND		83	19	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2-Chlorophenol	ND		410	150	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
4-Chlorophenyl phenyl ether	ND		410	140	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Chrysene	**3400**		83	46	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Dibenz(a,h)anthracene	**590**		83	53	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Dibenzofuran	ND		410	150	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
3,3'-Dichlorobenzidine	ND		410	380	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2,4-Dichlorophenol	ND		83	32	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Diethyl phthalate	ND		410	140	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2,4-Dimethylphenol	ND		410	140	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Dimethyl phthalate	ND		410	160	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Di-n-butyl phthalate	ND		410	180	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
4,6-Dinitro-2-methylphenol	ND		2100	710	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2,4-Dinitrophenol	ND		4100	2600	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2,4-Dinitrotoluene	ND		410	250	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2,6-Dinitrotoluene	ND		410	160	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Di-n-octyl phthalate	ND		410	240	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
1,4-Dioxane	ND		830	130	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Fluoranthene	**6700**		83	22	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Fluorene	**350**		83	16	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Hexachlorobenzene	ND		83	30	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Hexachlorobutadiene	ND		83	24	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Hexachlorocyclopentadiene	ND		410	42	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Hexachloroethane	ND		410	150	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Indeno[1,2,3-cd]pyrene	**1700**		83	41	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Isophorone	ND		410	150	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2-Methylnaphthalene	**100**		83	20	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2-Methylphenol	ND		410	120	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Methylphenol, 3 & 4	ND		410	120	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Naphthalene	**140**		83	16	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Nitrobenzene	ND		830	150	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2-Nitrophenol	ND		410	150	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
N-Nitrosodi-n-propylamine	ND		83	28	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
N-Nitrosodiphenylamine	ND		410	140	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2,2'-oxybis[1-chloropropane]	ND		83	30	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Pentachlorophenol	ND		2100	660	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Phenanthrene	**3500**		83	22	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
Phenol	ND		410	120	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1

Client Sample ID: SSHS-IRM5A2-SCV65-0-0.25

Date Collected: 04/11/23 11:25
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-19

Matrix: Solid
Percent Solids: 81.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**7500**		83	20	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
1,2,4,5-Tetrachlorobenzene	ND		410	160	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2,3,4,6-Tetrachlorophenol	ND		410	170	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2,4,5-Trichlorophenol	ND		410	140	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1
2,4,6-Trichlorophenol	ND		410	140	ug/Kg	☼	04/19/23 11:27	04/20/23 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*04/19/23 11:27*	*04/20/23 21:19*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*04/19/23 11:27*	*04/20/23 21:19*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*	*04/19/23 11:27*	*04/20/23 21:19*	*1*
Phenol-d5 (Surr)	*68*		*46 - 105*	*04/19/23 11:27*	*04/20/23 21:19*	*1*
Terphenyl-d14 (Surr)	*67*		*39 - 105*	*04/19/23 11:27*	*04/20/23 21:19*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*34 - 108*	*04/19/23 11:27*	*04/20/23 21:19*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	04/14/23 11:24	04/19/23 15:03	1
PCB-1221	ND		20	7.2	ug/Kg	☼	04/14/23 11:24	04/19/23 15:03	1
PCB-1232	ND		20	4.9	ug/Kg	☼	04/14/23 11:24	04/19/23 15:03	1
PCB-1242	ND		20	3.0	ug/Kg	☼	04/14/23 11:24	04/19/23 15:03	1
PCB-1248	ND		20	4.9	ug/Kg	☼	04/14/23 11:24	04/19/23 15:03	1
PCB-1254	**27**		20	6.1	ug/Kg	☼	04/14/23 11:24	04/19/23 15:03	1
PCB-1260	ND		20	5.8	ug/Kg	☼	04/14/23 11:24	04/19/23 15:03	1
PCB-1262	ND		20	7.1	ug/Kg	☼	04/14/23 11:24	04/19/23 15:03	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/14/23 11:24	04/19/23 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*92*		*63 - 138*	*04/14/23 11:24*	*04/19/23 15:03*	*1*
DCB Decachlorobiphenyl (Surr)	*95*		*63 - 138*	*04/14/23 11:24*	*04/19/23 15:03*	*1*
Tetrachloro-m-xylene (Surr)	*98*		*55 - 135*	*04/14/23 11:24*	*04/19/23 15:03*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*55 - 135*	*04/14/23 11:24*	*04/19/23 15:03*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9200**		19	4.7	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Antimony	ND		0.94	0.28	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Arsenic	**10**		0.94	0.59	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Barium	**130**		19	3.3	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Beryllium	**0.56**		0.37	0.10	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Cadmium	**0.37**	**J**	0.47	0.069	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Calcium	**3300**		470	60	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Chromium	**13**		0.47	0.43	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Cobalt	**8.7**		4.7	0.66	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Copper	**30**		2.3	1.4	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Iron	**21000**	**B**	9.4	9.1	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Lead	**140**		0.94	0.81	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Magnesium	**2500**		470	51	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Manganese	**480**		1.4	0.26	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Nickel	**23**		3.7	0.47	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Potassium	**1500**		470	80	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1

Client Sample ID: SSHS-IRM5A2-SCV65-0-0.25

Lab Sample ID: 180-154916-19
Date Collected: 04/11/23 11:25
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 81.0

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**0.60**	**J**	0.94	0.43	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Silver	ND		0.47	0.097	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Sodium	ND		470	48	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Thallium	**0.63**	**J**	1.9	0.27	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Vanadium	**14**		4.7	0.74	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1
Zinc	**200**	**B**	1.9	1.4	mg/Kg	☼	04/19/23 09:43	04/30/23 03:18	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.069**		0.036	0.023	mg/Kg	☼	05/01/23 08:15	05/02/23 12:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**19.0**		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	**81.0**		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP21

Lab Sample ID: 180-154916-20
Date Collected: 04/11/23 00:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 89.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	21	4.1	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Benzene	ND		5.3	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Bromoform	ND		5.3	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Bromomethane	ND		5.3	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
2-Butanone (MEK)	ND	*1	5.3	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Carbon disulfide	ND		5.3	4.2	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Carbon tetrachloride	ND		5.3	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Chlorobenzene	ND		5.3	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Chlorobromomethane	ND		5.3	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Chlorodibromomethane	ND		5.3	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Chloroethane	ND		5.3	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Chloroform	ND		5.3	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Chloromethane	ND		5.3	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
cis-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Cyclohexane	ND		5.3	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,2-Dibromo-3-Chloropropane	ND		5.3	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,2-Dibromoethane	ND		5.3	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,2-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,3-Dichlorobenzene	ND		5.3	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,4-Dichlorobenzene	ND		5.3	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Dichlorobromomethane	ND		5.3	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Dichlorodifluoromethane	ND		5.3	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,1-Dichloroethane	ND		5.3	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,2-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,1-Dichloroethene	ND		5.3	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,2-Dichloroethene, Total	ND		11	4.3	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,2-Dichloropropane	ND		5.3	1.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP21
Date Collected: 04/11/23 00:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-20
Matrix: Solid
Percent Solids: 89.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		1100	37	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Ethylbenzene	ND		5.3	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
2-Hexanone	ND		5.3	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Isopropylbenzene	ND		5.3	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Methyl acetate	ND		26	7.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Methylcyclohexane	ND		5.3	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Methylene Chloride	ND		5.3	4.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Methyl tert-butyl ether	ND		5.3	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
m-Xylene & p-Xylene	ND		5.3	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
o-Xylene	ND		5.3	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Styrene	ND		5.3	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Tetrachloroethene	ND		5.3	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Toluene	ND		5.3	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
trans-1,2-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
trans-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,2,3-Trichlorobenzene	ND		5.3	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,1,1-Trichloroethane	ND		5.3	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,1,2-Trichloroethane	ND		5.3	1.0	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Trichloroethene	ND		5.3	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Trichlorofluoromethane	ND		5.3	4.4	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Vinyl chloride	ND		5.3	3.8	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1
Xylenes, Total	ND		11	7.6	ug/Kg	☼	04/21/23 07:44	04/21/23 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*60 - 124*	*04/21/23 07:44*	*04/21/23 18:37*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*	*04/21/23 07:44*	*04/21/23 18:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*73 - 135*	*04/21/23 07:44*	*04/21/23 18:37*	*1*
Toluene-d8 (Surr)	*98*		*67 - 134*	*04/21/23 07:44*	*04/21/23 18:37*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**32**	**J**	75	22	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Acenaphthylene	**520**		75	16	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Acetophenone	ND		750	130	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Anthracene	**240**		75	19	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Atrazine	ND		750	160	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Benzaldehyde	ND		750	46	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Benzo[a]anthracene	**780**		75	34	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Benzo[a]pyrene	**850**		75	32	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Benzo[b]fluoranthene	**1100**		75	18	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Benzo[g,h,i]perylene	**650**		75	16	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Benzo[k]fluoranthene	**420**		75	22	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Bis(2-chloroethyl)ether	ND		75	14	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP21
Date Collected: 04/11/23 00:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-20
Matrix: Solid
Percent Solids: 89.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Butyl benzyl phthalate	ND		370	260	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Carbazole	**60**	**J**	75	18	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Chrysene	**940**		75	42	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Dibenz(a,h)anthracene	**200**		75	48	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Dibenzofuran	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Dimethyl phthalate	ND		370	150	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Di-n-butyl phthalate	ND		370	160	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
1,4-Dioxane	ND		750	120	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Fluoranthene	**1100**		75	20	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Fluorene	**62**	**J**	75	15	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Hexachlorocyclopentadiene	ND		370	38	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Hexachloroethane	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Indeno[1,2,3-cd]pyrene	**560**		75	37	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Isophorone	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2-Methylnaphthalene	**71**	**J**	75	18	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2-Methylphenol	ND		370	110	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Naphthalene	**95**		75	15	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Nitrobenzene	ND		750	140	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Phenanthrene	**430**		75	20	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Phenol	ND		370	110	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
Pyrene	**1300**		75	18	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV-DUP21

Date Collected: 04/11/23 00:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-20

Matrix: Solid
Percent Solids: 89.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	04/19/23 11:27	04/22/23 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*44 - 105*	*04/19/23 11:27*	*04/22/23 21:56*	*1*
2-Fluorophenol (Surr)	*69*		*48 - 105*	*04/19/23 11:27*	*04/22/23 21:56*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 105*	*04/19/23 11:27*	*04/22/23 21:56*	*1*
Phenol-d5 (Surr)	*77*		*46 - 105*	*04/19/23 11:27*	*04/22/23 21:56*	*1*
Terphenyl-d14 (Surr)	*81*		*39 - 105*	*04/19/23 11:27*	*04/22/23 21:56*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*34 - 108*	*04/19/23 11:27*	*04/22/23 21:56*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	04/14/23 11:24	04/19/23 15:21	1
PCB-1221	ND		19	6.6	ug/Kg	☼	04/14/23 11:24	04/19/23 15:21	1
PCB-1232	ND		19	4.6	ug/Kg	☼	04/14/23 11:24	04/19/23 15:21	1
PCB-1242	ND		19	2.7	ug/Kg	☼	04/14/23 11:24	04/19/23 15:21	1
PCB-1248	ND		19	4.5	ug/Kg	☼	04/14/23 11:24	04/19/23 15:21	1
PCB-1254	**10**	**J**	19	5.6	ug/Kg	☼	04/14/23 11:24	04/19/23 15:21	1
PCB-1260	ND		19	5.3	ug/Kg	☼	04/14/23 11:24	04/19/23 15:21	1
PCB-1262	ND		19	6.6	ug/Kg	☼	04/14/23 11:24	04/19/23 15:21	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/14/23 11:24	04/19/23 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*85*		*63 - 138*	*04/14/23 11:24*	*04/19/23 15:21*	*1*
DCB Decachlorobiphenyl (Surr)	*91*		*63 - 138*	*04/14/23 11:24*	*04/19/23 15:21*	*1*
Tetrachloro-m-xylene (Surr)	*59*		*55 - 135*	*04/14/23 11:24*	*04/19/23 15:21*	*1*
Tetrachloro-m-xylene (Surr)	*54*	*S1-*	*55 - 135*	*04/14/23 11:24*	*04/19/23 15:21*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9000**		13	3.3	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Antimony	ND		0.66	0.20	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Arsenic	**10**		0.66	0.41	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Barium	**130**		13	2.3	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Beryllium	**0.57**		0.26	0.072	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Cadmium	**0.47**		0.33	0.048	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Calcium	**2700**		330	43	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Chromium	**13**		0.33	0.30	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Cobalt	**9.1**		3.3	0.46	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Copper	**33**		1.7	1.0	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Iron	**22000**	**B**	6.6	6.4	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Lead	**150**		0.66	0.57	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Magnesium	**2400**		330	36	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Manganese	**460**		0.99	0.18	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Nickel	**24**		2.6	0.33	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Potassium	**1100**		330	56	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Selenium	**0.72**		0.66	0.30	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154916-1

Client Sample ID: SSHS-IRM5A2-SCV-DUP21
Date Collected: 04/11/23 00:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154916-20
Matrix: Solid
Percent Solids: 89.1

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.33	0.069	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Sodium	**38**	**J**	330	34	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Thallium	**0.57**	**J**	1.3	0.19	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Vanadium	**14**		3.3	0.52	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1
Zinc	**220**	**B**	1.3	0.96	mg/Kg	☼	04/19/23 09:43	04/30/23 03:23	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.080**		0.037	0.024	mg/Kg	☼	05/01/23 08:15	05/02/23 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**10.9**		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	**89.1**		0.1	0.1	%			04/14/23 15:50	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 180-432587/9
Matrix: Solid
Analysis Batch: 432587

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/18/23 12:06	1
Benzene	ND		5.0	1.4	ug/Kg			04/18/23 12:06	1
Bromoform	ND		5.0	2.5	ug/Kg			04/18/23 12:06	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/18/23 12:06	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/18/23 12:06	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/18/23 12:06	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/18/23 12:06	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/18/23 12:06	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/18/23 12:06	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/18/23 12:06	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/18/23 12:06	1
Chloroform	ND		5.0	1.6	ug/Kg			04/18/23 12:06	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/18/23 12:06	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/18/23 12:06	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/18/23 12:06	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/18/23 12:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/18/23 12:06	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/18/23 12:06	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/18/23 12:06	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/18/23 12:06	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/18/23 12:06	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/18/23 12:06	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/18/23 12:06	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/18/23 12:06	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/18/23 12:06	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/18/23 12:06	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/18/23 12:06	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/18/23 12:06	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/18/23 12:06	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/18/23 12:06	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/18/23 12:06	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/18/23 12:06	1
Methyl acetate	ND		25	7.4	ug/Kg			04/18/23 12:06	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/18/23 12:06	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/18/23 12:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/18/23 12:06	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/18/23 12:06	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/18/23 12:06	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/18/23 12:06	1
Styrene	ND		5.0	1.5	ug/Kg			04/18/23 12:06	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/18/23 12:06	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/18/23 12:06	1
Toluene	ND		5.0	1.4	ug/Kg			04/18/23 12:06	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/18/23 12:06	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/18/23 12:06	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/18/23 12:06	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/18/23 12:06	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/18/23 12:06	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-432587/9
Matrix: Solid
Analysis Batch: 432587

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/18/23 12:06	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/18/23 12:06	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/18/23 12:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/18/23 12:06	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/18/23 12:06	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/18/23 12:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*		*04/18/23 12:06*	*1*
Dibromofluoromethane (Surr)	*110*		*69 - 126*		*04/18/23 12:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*124*		*73 - 135*		*04/18/23 12:06*	*1*
Toluene-d8 (Surr)	*97*		*67 - 134*		*04/18/23 12:06*	*1*

Lab Sample ID: LCS 180-432587/4
Matrix: Solid
Analysis Batch: 432587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	54.2		ug/Kg		135	23 - 170
Benzene	40.0	36.3		ug/Kg		91	77 - 120
Bromoform	40.0	38.7		ug/Kg		97	37 - 147
Bromomethane	40.0	41.1		ug/Kg		103	47 - 149
2-Butanone (MEK)	40.0	39.1		ug/Kg		98	39 - 157
Carbon disulfide	40.0	62.7	*+	ug/Kg		157	40 - 156
Carbon tetrachloride	40.0	42.6		ug/Kg		107	73 - 130
Chlorobenzene	40.0	34.5		ug/Kg		86	79 - 122
Chlorobromomethane	40.0	40.9		ug/Kg		102	64 - 128
Chlorodibromomethane	40.0	37.2		ug/Kg		93	60 - 134
Chloroethane	40.0	45.3		ug/Kg		113	37 - 159
Chloroform	40.0	37.9		ug/Kg		95	73 - 126
Chloromethane	40.0	39.2		ug/Kg		98	46 - 151
cis-1,2-Dichloroethene	40.0	37.5		ug/Kg		94	77 - 118
cis-1,3-Dichloropropene	40.0	38.7		ug/Kg		97	73 - 127
Cyclohexane	40.0	37.6		ug/Kg		94	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	41.6		ug/Kg		104	30 - 163
1,2-Dibromoethane	40.0	35.7		ug/Kg		89	59 - 137
1,2-Dichlorobenzene	40.0	33.1		ug/Kg		83	76 - 120
1,3-Dichlorobenzene	40.0	34.1		ug/Kg		85	77 - 121
1,4-Dichlorobenzene	40.0	34.0		ug/Kg		85	79 - 120
Dichlorobromomethane	40.0	38.2		ug/Kg		96	75 - 123
Dichlorodifluoromethane	40.0	66.1	*+	ug/Kg		165	26 - 149
1,1-Dichloroethane	40.0	36.6		ug/Kg		92	73 - 124
1,2-Dichloroethane	40.0	44.0		ug/Kg		110	64 - 140
1,1-Dichloroethene	40.0	51.4		ug/Kg		129	55 - 136
1,2-Dichloroethene, Total	80.0	77.7		ug/Kg		97	77 - 119
1,2-Dichloropropane	40.0	33.7		ug/Kg		84	77 - 119
1,4-Dioxane	800	617	J	ug/Kg		77	18 - 166
Ethylbenzene	40.0	34.2		ug/Kg		86	79 - 119

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432587/4
Matrix: Solid
Analysis Batch: 432587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	40.0	36.3		ug/Kg		91	42 - 152
Isopropylbenzene	40.0	34.7		ug/Kg		87	70 - 125
Methyl acetate	80.0	158	*+	ug/Kg		197	20 - 170
Methylcyclohexane	40.0	37.7		ug/Kg		94	70 - 125
Methylene Chloride	40.0	43.3		ug/Kg		108	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	34.2		ug/Kg		85	51 - 147
Methyl tert-butyl ether	40.0	40.0		ug/Kg		100	58 - 132
m-Xylene & p-Xylene	40.0	35.8		ug/Kg		90	77 - 120
o-Xylene	40.0	35.2		ug/Kg		88	78 - 118
Styrene	40.0	34.7		ug/Kg		87	80 - 120
1,1,2,2-Tetrachloroethane	40.0	38.5		ug/Kg		96	36 - 170
Tetrachloroethene	40.0	35.9		ug/Kg		90	71 - 121
Toluene	40.0	32.7		ug/Kg		82	76 - 120
trans-1,2-Dichloroethene	40.0	40.2		ug/Kg		100	75 - 122
trans-1,3-Dichloropropene	40.0	34.0		ug/Kg		85	68 - 133
1,2,3-Trichlorobenzene	40.0	42.1		ug/Kg		105	29 - 166
1,2,4-Trichlorobenzene	40.0	41.2		ug/Kg		103	22 - 170
1,1,1-Trichloroethane	40.0	41.2		ug/Kg		103	72 - 134
1,1,2-Trichloroethane	40.0	33.6		ug/Kg		84	66 - 128
Trichloroethene	40.0	39.1		ug/Kg		98	69 - 118
Trichlorofluoromethane	40.0	39.2		ug/Kg		98	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	54.5	*+	ug/Kg		136	59 - 135
Vinyl chloride	40.0	41.7		ug/Kg		104	64 - 134
Xylenes, Total	80.0	71.0		ug/Kg		89	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*
Dibromofluoromethane (Surr)	*106*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*109*		*73 - 135*
Toluene-d8 (Surr)	*95*		*67 - 134*

Lab Sample ID: MB 180-432979/7
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/21/23 11:21	1
Benzene	ND		5.0	1.4	ug/Kg			04/21/23 11:21	1
Bromoform	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/21/23 11:21	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/21/23 11:21	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/21/23 11:21	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/21/23 11:21	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/21/23 11:21	1
Chloroform	ND		5.0	1.6	ug/Kg			04/21/23 11:21	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-432979/7
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/21/23 11:21	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/21/23 11:21	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/21/23 11:21	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/21/23 11:21	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/21/23 11:21	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/21/23 11:21	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/21/23 11:21	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/21/23 11:21	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/21/23 11:21	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/21/23 11:21	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/21/23 11:21	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/21/23 11:21	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/21/23 11:21	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/21/23 11:21	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/21/23 11:21	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/21/23 11:21	1
Methyl acetate	ND		25	7.4	ug/Kg			04/21/23 11:21	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/21/23 11:21	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/21/23 11:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/21/23 11:21	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/21/23 11:21	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
Styrene	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
Toluene	ND		5.0	1.4	ug/Kg			04/21/23 11:21	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/21/23 11:21	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/21/23 11:21	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/21/23 11:21	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/21/23 11:21	1
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/21/23 11:21	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/21/23 11:21	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/21/23 11:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/21/23 11:21	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/21/23 11:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*60 - 124*		*04/21/23 11:21*	*1*
Dibromofluoromethane (Surr)	*118*		*69 - 126*		*04/21/23 11:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*		*73 - 135*		*04/21/23 11:21*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*		*04/21/23 11:21*	*1*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432979/3
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	47.2		ug/Kg		118	23 - 170
Benzene	40.0	38.9		ug/Kg		97	77 - 120
Bromoform	40.0	40.9		ug/Kg		102	37 - 147
Bromomethane	40.0	35.3		ug/Kg		88	47 - 149
2-Butanone (MEK)	40.0	35.8		ug/Kg		90	39 - 157
Carbon disulfide	40.0	50.2		ug/Kg		126	40 - 156
Carbon tetrachloride	40.0	44.1		ug/Kg		110	73 - 130
Chlorobenzene	40.0	36.2		ug/Kg		91	79 - 122
Chlorobromomethane	40.0	43.2		ug/Kg		108	64 - 128
Chlorodibromomethane	40.0	39.5		ug/Kg		99	60 - 134
Chloroethane	40.0	41.3		ug/Kg		103	37 - 159
Chloroform	40.0	39.4		ug/Kg		99	73 - 126
Chloromethane	40.0	34.1		ug/Kg		85	46 - 151
cis-1,2-Dichloroethene	40.0	40.0		ug/Kg		100	77 - 118
cis-1,3-Dichloropropene	40.0	39.7		ug/Kg		99	73 - 127
Cyclohexane	40.0	40.8		ug/Kg		102	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	37.4		ug/Kg		93	30 - 163
1,2-Dibromoethane	40.0	36.4		ug/Kg		91	59 - 137
1,2-Dichlorobenzene	40.0	34.8		ug/Kg		87	76 - 120
1,3-Dichlorobenzene	40.0	35.3		ug/Kg		88	77 - 121
1,4-Dichlorobenzene	40.0	35.5		ug/Kg		89	79 - 120
Dichlorobromomethane	40.0	38.6		ug/Kg		96	75 - 123
Dichlorodifluoromethane	40.0	59.3		ug/Kg		148	26 - 149
1,1-Dichloroethane	40.0	39.1		ug/Kg		98	73 - 124
1,2-Dichloroethane	40.0	45.9		ug/Kg		115	64 - 140
1,1-Dichloroethene	40.0	45.5		ug/Kg		114	55 - 136
1,2-Dichloroethene, Total	80.0	82.2		ug/Kg		103	77 - 119
1,2-Dichloropropane	40.0	35.8		ug/Kg		90	77 - 119
1,4-Dioxane	800	655	J	ug/Kg		82	18 - 166
Ethylbenzene	40.0	35.6		ug/Kg		89	79 - 119
2-Hexanone	40.0	34.4		ug/Kg		86	42 - 152
Isopropylbenzene	40.0	36.1		ug/Kg		90	70 - 125
Methyl acetate	80.0	124		ug/Kg		154	20 - 170
Methylcyclohexane	40.0	40.7		ug/Kg		102	70 - 125
Methylene Chloride	40.0	48.1		ug/Kg		120	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	35.8		ug/Kg		89	51 - 147
Methyl tert-butyl ether	40.0	40.4		ug/Kg		101	58 - 132
m-Xylene & p-Xylene	40.0	37.8		ug/Kg		95	77 - 120
o-Xylene	40.0	35.7		ug/Kg		89	78 - 118
Styrene	40.0	35.6		ug/Kg		89	80 - 120
1,1,2,2-Tetrachloroethane	40.0	38.7		ug/Kg		97	36 - 170
Tetrachloroethene	40.0	40.4		ug/Kg		101	71 - 121
Toluene	40.0	36.1		ug/Kg		90	76 - 120
trans-1,2-Dichloroethene	40.0	42.2		ug/Kg		106	75 - 122
trans-1,3-Dichloropropene	40.0	37.1		ug/Kg		93	68 - 133
1,2,3-Trichlorobenzene	40.0	38.0		ug/Kg		95	29 - 166
1,2,4-Trichlorobenzene	40.0	37.3		ug/Kg		93	22 - 170
1,1,1-Trichloroethane	40.0	42.6		ug/Kg		107	72 - 134

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432979/3
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	40.0	36.0		ug/Kg		90	66 - 128
Trichloroethene	40.0	40.4		ug/Kg		101	69 - 118
Trichlorofluoromethane	40.0	38.6		ug/Kg		96	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	48.4		ug/Kg		121	59 - 135
Vinyl chloride	40.0	33.9		ug/Kg		85	64 - 134
Xylenes, Total	80.0	73.5		ug/Kg		92	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*
Dibromofluoromethane (Surr)	*107*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 135*
Toluene-d8 (Surr)	*102*		*67 - 134*

Lab Sample ID: LCSD 180-432979/4
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	40.0	25.2	*1	ug/Kg		63	23 - 170	61	35
Benzene	40.0	38.0		ug/Kg		95	77 - 120	2	20
Bromoform	40.0	41.6		ug/Kg		104	37 - 147	2	23
Bromomethane	40.0	31.7		ug/Kg		79	47 - 149	11	25
2-Butanone (MEK)	40.0	24.4	*1	ug/Kg		61	39 - 157	38	33
Carbon disulfide	40.0	48.1		ug/Kg		120	40 - 156	4	25
Carbon tetrachloride	40.0	44.0		ug/Kg		110	73 - 130	0	21
Chlorobenzene	40.0	36.0		ug/Kg		90	79 - 122	1	20
Chlorobromomethane	40.0	40.8		ug/Kg		102	64 - 128	6	20
Chlorodibromomethane	40.0	39.9		ug/Kg		100	60 - 134	1	40
Chloroethane	40.0	40.9		ug/Kg		102	37 - 159	1	25
Chloroform	40.0	39.0		ug/Kg		97	73 - 126	1	20
Chloromethane	40.0	33.5		ug/Kg		84	46 - 151	2	33
cis-1,2-Dichloroethene	40.0	38.4		ug/Kg		96	77 - 118	4	20
cis-1,3-Dichloropropene	40.0	40.2		ug/Kg		101	73 - 127	1	20
Cyclohexane	40.0	41.3		ug/Kg		103	63 - 143	1	25
1,2-Dibromo-3-Chloropropane	40.0	43.0		ug/Kg		107	30 - 163	14	34
1,2-Dibromoethane	40.0	39.0		ug/Kg		97	59 - 137	7	20
1,2-Dichlorobenzene	40.0	35.1		ug/Kg		88	76 - 120	1	20
1,3-Dichlorobenzene	40.0	34.9		ug/Kg		87	77 - 121	1	20
1,4-Dichlorobenzene	40.0	34.9		ug/Kg		87	79 - 120	2	20
Dichlorobromomethane	40.0	38.9		ug/Kg		97	75 - 123	1	20
Dichlorodifluoromethane	40.0	58.8		ug/Kg		147	26 - 149	1	24
1,1-Dichloroethane	40.0	37.4		ug/Kg		93	73 - 124	4	20
1,2-Dichloroethane	40.0	45.7		ug/Kg		114	64 - 140	0	20
1,1-Dichloroethene	40.0	45.5		ug/Kg		114	55 - 136	0	21
1,2-Dichloroethene, Total	80.0	78.5		ug/Kg		98	77 - 119	5	20
1,2-Dichloropropane	40.0	35.0		ug/Kg		88	77 - 119	2	20
1,4-Dioxane	800	718	J	ug/Kg		90	18 - 166	9	40
Ethylbenzene	40.0	35.5		ug/Kg		89	79 - 119	0	20

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 180-432979/4
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone			40.0	28.5		ug/Kg		71	42 - 152	19	30
Isopropylbenzene			40.0	35.6		ug/Kg		89	70 - 125	1	21
Methyl acetate			80.0	129		ug/Kg		162	20 - 170	5	33
Methylcyclohexane			40.0	40.4		ug/Kg		101	70 - 125	1	22
Methylene Chloride			40.0	46.8		ug/Kg		117	67 - 131	3	32
4-Methyl-2-pentanone (MIBK)			40.0	38.1		ug/Kg		95	51 - 147	6	27
Methyl tert-butyl ether			40.0	40.2		ug/Kg		101	58 - 132	0	24
m-Xylene & p-Xylene			40.0	37.0		ug/Kg		92	77 - 120	2	20
o-Xylene			40.0	35.5		ug/Kg		89	78 - 118	1	20
Styrene			40.0	35.8		ug/Kg		90	80 - 120	1	20
1,1,2,2-Tetrachloroethane			40.0	42.3		ug/Kg		106	36 - 170	9	23
Tetrachloroethene			40.0	39.2		ug/Kg		98	71 - 121	3	21
Toluene			40.0	35.5		ug/Kg		89	76 - 120	2	20
trans-1,2-Dichloroethene			40.0	40.1		ug/Kg		100	75 - 122	5	20
trans-1,3-Dichloropropene			40.0	38.8		ug/Kg		97	68 - 133	5	20
1,2,3-Trichlorobenzene			40.0	38.7		ug/Kg		97	29 - 166	2	40
1,2,4-Trichlorobenzene			40.0	36.8		ug/Kg		92	22 - 170	1	29
1,1,1-Trichloroethane			40.0	42.5		ug/Kg		106	72 - 134	0	20
1,1,2-Trichloroethane			40.0	37.5		ug/Kg		94	66 - 128	4	21
Trichloroethene			40.0	40.4		ug/Kg		101	69 - 118	0	20
Trichlorofluoromethane			40.0	38.3		ug/Kg		96	32 - 149	1	39
1,1,2-Trichloro-1,2,2-trifluoroethane			40.0	47.4		ug/Kg		119	59 - 135	2	28
Vinyl chloride			40.0	33.3		ug/Kg		83	64 - 134	2	23
Xylenes, Total			80.0	72.5		ug/Kg		91	78 - 118	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*
Dibromofluoromethane (Surr)	*103*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 135*
Toluene-d8 (Surr)	*98*		*67 - 134*

Lab Sample ID: MB 180-433087/8
Matrix: Solid
Analysis Batch: 433087

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/22/23 12:36	1
Benzene	ND		5.0	1.4	ug/Kg			04/22/23 12:36	1
Bromoform	ND		5.0	2.5	ug/Kg			04/22/23 12:36	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/22/23 12:36	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/22/23 12:36	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/22/23 12:36	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/22/23 12:36	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/22/23 12:36	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/22/23 12:36	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/22/23 12:36	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/22/23 12:36	1
Chloroform	ND		5.0	1.6	ug/Kg			04/22/23 12:36	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-433087/8
Matrix: Solid
Analysis Batch: 433087

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.0	2.0	ug/Kg			04/22/23 12:36	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/22/23 12:36	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/22/23 12:36	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/22/23 12:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/22/23 12:36	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/22/23 12:36	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/22/23 12:36	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/22/23 12:36	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/22/23 12:36	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/22/23 12:36	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/22/23 12:36	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/22/23 12:36	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/22/23 12:36	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/22/23 12:36	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/22/23 12:36	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/22/23 12:36	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/22/23 12:36	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/22/23 12:36	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/22/23 12:36	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/22/23 12:36	1
Methyl acetate	ND		25	7.4	ug/Kg			04/22/23 12:36	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/22/23 12:36	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/22/23 12:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/22/23 12:36	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/22/23 12:36	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/22/23 12:36	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/22/23 12:36	1
Styrene	ND		5.0	1.5	ug/Kg			04/22/23 12:36	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/22/23 12:36	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/22/23 12:36	1
Toluene	ND		5.0	1.4	ug/Kg			04/22/23 12:36	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/22/23 12:36	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/22/23 12:36	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/22/23 12:36	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/22/23 12:36	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/22/23 12:36	1
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/22/23 12:36	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/22/23 12:36	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/22/23 12:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/22/23 12:36	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/22/23 12:36	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/22/23 12:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*		*04/22/23 12:36*	*1*
Dibromofluoromethane (Surr)	*111*		*69 - 126*		*04/22/23 12:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*73 - 135*		*04/22/23 12:36*	*1*
Toluene-d8 (Surr)	*95*		*67 - 134*		*04/22/23 12:36*	*1*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-433087/6
Matrix: Solid
Analysis Batch: 433087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	42.7		ug/Kg		107	23 - 170
Benzene	40.0	35.6		ug/Kg		89	77 - 120
Bromoform	40.0	34.7		ug/Kg		87	37 - 147
Bromomethane	40.0	40.4		ug/Kg		101	47 - 149
2-Butanone (MEK)	40.0	34.8		ug/Kg		87	39 - 157
Carbon disulfide	40.0	46.7		ug/Kg		117	40 - 156
Carbon tetrachloride	40.0	39.6		ug/Kg		99	73 - 130
Chlorobenzene	40.0	32.9		ug/Kg		82	79 - 122
Chlorobromomethane	40.0	39.7		ug/Kg		99	64 - 128
Chlorodibromomethane	40.0	34.4		ug/Kg		86	60 - 134
Chloroethane	40.0	45.6		ug/Kg		114	37 - 159
Chloroform	40.0	36.8		ug/Kg		92	73 - 126
Chloromethane	40.0	39.0		ug/Kg		97	46 - 151
cis-1,2-Dichloroethene	40.0	36.8		ug/Kg		92	77 - 118
cis-1,3-Dichloropropene	40.0	37.5		ug/Kg		94	73 - 127
Cyclohexane	40.0	38.3		ug/Kg		96	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	33.9		ug/Kg		85	30 - 163
1,2-Dibromoethane	40.0	35.2		ug/Kg		88	59 - 137
1,2-Dichlorobenzene	40.0	32.4		ug/Kg		81	76 - 120
1,3-Dichlorobenzene	40.0	33.4		ug/Kg		83	77 - 121
1,4-Dichlorobenzene	40.0	32.9		ug/Kg		82	79 - 120
Dichlorobromomethane	40.0	35.1		ug/Kg		88	75 - 123
Dichlorodifluoromethane	40.0	59.6		ug/Kg		149	26 - 149
1,1-Dichloroethane	40.0	37.2		ug/Kg		93	73 - 124
1,2-Dichloroethane	40.0	41.6		ug/Kg		104	64 - 140
1,1-Dichloroethene	40.0	44.0		ug/Kg		110	55 - 136
1,2-Dichloroethene, Total	80.0	75.2		ug/Kg		94	77 - 119
1,2-Dichloropropane	40.0	32.7		ug/Kg		82	77 - 119
1,4-Dioxane	800	597	J	ug/Kg		75	18 - 166
Ethylbenzene	40.0	32.5		ug/Kg		81	79 - 119
2-Hexanone	40.0	31.9		ug/Kg		80	42 - 152
Isopropylbenzene	40.0	32.9		ug/Kg		82	70 - 125
Methyl acetate	80.0	125		ug/Kg		156	20 - 170
Methylcyclohexane	40.0	36.9		ug/Kg		92	70 - 125
Methylene Chloride	40.0	41.0		ug/Kg		103	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	34.9		ug/Kg		87	51 - 147
Methyl tert-butyl ether	40.0	38.5		ug/Kg		96	58 - 132
m-Xylene & p-Xylene	40.0	34.3		ug/Kg		86	77 - 120
o-Xylene	40.0	32.5		ug/Kg		81	78 - 118
Styrene	40.0	32.7		ug/Kg		82	80 - 120
1,1,2,2-Tetrachloroethane	40.0	34.0		ug/Kg		85	36 - 170
Tetrachloroethene	40.0	35.3		ug/Kg		88	71 - 121
Toluene	40.0	32.5		ug/Kg		81	76 - 120
trans-1,2-Dichloroethene	40.0	38.3		ug/Kg		96	75 - 122
trans-1,3-Dichloropropene	40.0	34.6		ug/Kg		86	68 - 133
1,2,3-Trichlorobenzene	40.0	35.7		ug/Kg		89	29 - 166
1,2,4-Trichlorobenzene	40.0	35.5		ug/Kg		89	22 - 170
1,1,1-Trichloroethane	40.0	39.1		ug/Kg		98	72 - 134

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-433087/6
Matrix: Solid
Analysis Batch: 433087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	40.0	32.6		ug/Kg		82	66 - 128
Trichloroethene	40.0	37.5		ug/Kg		94	69 - 118
Trichlorofluoromethane	40.0	40.9		ug/Kg		102	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	44.6		ug/Kg		112	59 - 135
Vinyl chloride	40.0	37.9		ug/Kg		95	64 - 134
Xylenes, Total	80.0	66.8		ug/Kg		84	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*99*		*73 - 135*
Toluene-d8 (Surr)	*92*		*67 - 134*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-432786/1-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Acenaphthylene	ND		67	15	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Acetophenone	ND		670	120	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Anthracene	ND		67	17	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Atrazine	ND		670	150	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Benzaldehyde	ND		670	41	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Benzo[a]anthracene	ND		67	30	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Benzo[a]pyrene	ND		67	29	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
1,1'-Biphenyl	ND		330	120	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Bis(2-chloroethyl)ether	ND		67	12	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Butyl benzyl phthalate	ND		330	230	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Caprolactam	ND		1700	220	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Carbazole	ND		67	16	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
4-Chloroaniline	ND		330	88	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2-Chloronaphthalene	ND		67	15	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2-Chlorophenol	ND		330	120	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Chrysene	ND		67	37	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Dibenzofuran	ND		330	120	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		04/19/23 11:27	04/20/23 08:46	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432786/1-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		67	26	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Diethyl phthalate	ND		330	120	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Dimethyl phthalate	ND		330	130	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Di-n-butyl phthalate	ND		330	150	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
1,4-Dioxane	ND		670	100	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Fluoranthene	ND		67	18	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Fluorene	ND		67	13	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Hexachlorobenzene	ND		67	24	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Hexachlorobutadiene	ND		67	20	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Hexachlorocyclopentadiene	ND		330	34	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Hexachloroethane	ND		330	120	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Isophorone	ND		330	130	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2-Methylnaphthalene	ND		67	16	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2-Methylphenol	ND		330	96	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Naphthalene	ND		67	13	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2-Nitroaniline	ND		1700	150	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
3-Nitroaniline	ND		1700	85	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
4-Nitroaniline	ND		1700	120	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Nitrobenzene	ND		670	120	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2-Nitrophenol	ND		330	120	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
4-Nitrophenol	ND		1700	230	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Pentachlorophenol	ND		1700	540	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Phenanthrene	ND		67	18	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Phenol	ND		330	100	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
Pyrene	ND		67	16	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		04/19/23 11:27	04/20/23 08:46	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		04/19/23 11:27	04/20/23 08:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*44 - 105*	*04/19/23 11:27*	*04/20/23 08:46*	*1*
2-Fluorophenol (Surr)	*58*		*48 - 105*	*04/19/23 11:27*	*04/20/23 08:46*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*04/19/23 11:27*	*04/20/23 08:46*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*04/19/23 11:27*	*04/20/23 08:46*	*1*
Terphenyl-d14 (Surr)	*67*		*39 - 105*	*04/19/23 11:27*	*04/20/23 08:46*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*34 - 108*	*04/19/23 11:27*	*04/20/23 08:46*	*1*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432786/2-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432786

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	5380		ug/Kg		81	50 - 100
Acenaphthylene	6670	5410		ug/Kg		81	52 - 100
Acetophenone	6670	5000		ug/Kg		75	48 - 100
Anthracene	6670	5250		ug/Kg		79	53 - 100
Atrazine	6670	5340		ug/Kg		80	49 - 103
Benzaldehyde	6670	4810		ug/Kg		72	23 - 105
Benzo[a]anthracene	6670	5370		ug/Kg		81	51 - 100
Benzo[a]pyrene	6670	5350		ug/Kg		80	51 - 100
Benzo[b]fluoranthene	6670	5350		ug/Kg		80	48 - 100
Benzo[g,h,i]perylene	6670	5140		ug/Kg		77	48 - 105
Benzo[k]fluoranthene	6670	4900		ug/Kg		73	19 - 100
1,1'-Biphenyl	6670	5310		ug/Kg		80	50 - 100
Bis(2-chloroethoxy)methane	6670	4280		ug/Kg		64	49 - 100
Bis(2-chloroethyl)ether	6670	5260		ug/Kg		79	48 - 100
Bis(2-ethylhexyl) phthalate	6670	5350		ug/Kg		80	53 - 107
4-Bromophenyl phenyl ether	6670	5440		ug/Kg		82	52 - 101
Butyl benzyl phthalate	6670	5700		ug/Kg		86	52 - 107
Caprolactam	6670	5610		ug/Kg		84	48 - 111
Carbazole	6670	5040		ug/Kg		76	53 - 100
4-Chloroaniline	6670	4860		ug/Kg		73	47 - 100
4-Chloro-3-methylphenol	6670	5540		ug/Kg		83	49 - 106
2-Chloronaphthalene	6670	4970		ug/Kg		75	51 - 100
2-Chlorophenol	6670	5100		ug/Kg		76	51 - 100
4-Chlorophenyl phenyl ether	6670	5560		ug/Kg		83	52 - 100
Chrysene	6670	5030		ug/Kg		75	50 - 100
Dibenz(a,h)anthracene	6670	5160		ug/Kg		77	50 - 107
Dibenzofuran	6670	5180		ug/Kg		78	52 - 100
3,3'-Dichlorobenzidine	6670	5240		ug/Kg		79	43 - 100
2,4-Dichlorophenol	6670	5500		ug/Kg		83	53 - 101
Diethyl phthalate	6670	5280		ug/Kg		79	48 - 104
2,4-Dimethylphenol	6670	5390		ug/Kg		81	51 - 101
Dimethyl phthalate	6670	5540		ug/Kg		83	53 - 100
Di-n-butyl phthalate	6670	5380		ug/Kg		81	57 - 102
4,6-Dinitro-2-methylphenol	13300	12900		ug/Kg		97	51 - 100
2,4-Dinitrophenol	13300	12800		ug/Kg		96	33 - 101
2,4-Dinitrotoluene	6670	5930		ug/Kg		89	54 - 104
2,6-Dinitrotoluene	6670	5670		ug/Kg		85	51 - 106
Di-n-octyl phthalate	6670	5440		ug/Kg		82	41 - 106
1,4-Dioxane	6670	5330		ug/Kg		80	25 - 125
Fluoranthene	6670	5370		ug/Kg		81	55 - 100
Fluorene	6670	5270		ug/Kg		79	52 - 100
Hexachlorobenzene	6670	5130		ug/Kg		77	49 - 100
Hexachlorobutadiene	6670	4940		ug/Kg		74	38 - 107
Hexachlorocyclopentadiene	6670	5610		ug/Kg		84	33 - 117
Hexachloroethane	6670	4970		ug/Kg		75	47 - 100
Indeno[1,2,3-cd]pyrene	6670	5160		ug/Kg		77	51 - 103
Isophorone	6670	5820		ug/Kg		87	48 - 105
2-Methylnaphthalene	6670	5110		ug/Kg		77	53 - 100

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432786/2-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432786

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	6670	5370		ug/Kg		81	50 - 101
Methylphenol, 3 & 4	6670	5460		ug/Kg		82	50 - 103
Naphthalene	6670	4840		ug/Kg		73	51 - 100
2-Nitroaniline	6670	6180		ug/Kg		93	42 - 123
3-Nitroaniline	6670	5650		ug/Kg		85	50 - 103
4-Nitroaniline	6670	5400		ug/Kg		81	52 - 103
Nitrobenzene	6670	5430		ug/Kg		81	44 - 108
2-Nitrophenol	6670	5950		ug/Kg		89	55 - 107
4-Nitrophenol	13300	10400		ug/Kg		78	30 - 134
N-Nitrosodi-n-propylamine	6670	5710		ug/Kg		86	45 - 107
N-Nitrosodiphenylamine	6670	5470		ug/Kg		82	52 - 100
2,2'-oxybis[1-chloropropane]	6670	5160		ug/Kg		77	30 - 113
Pentachlorophenol	13300	10800		ug/Kg		81	42 - 110
Phenanthrene	6670	4930		ug/Kg		74	53 - 100
Phenol	6670	5480		ug/Kg		82	49 - 100
Pyrene	6670	5590		ug/Kg		84	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	5500		ug/Kg		83	41 - 104
2,3,4,6-Tetrachlorophenol	6670	5690		ug/Kg		85	47 - 104
2,4,5-Trichlorophenol	6670	5880		ug/Kg		88	50 - 104
2,4,6-Trichlorophenol	6670	6160		ug/Kg		92	50 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*74*		*44 - 105*
2-Fluorophenol (Surr)	*78*		*48 - 105*
Nitrobenzene-d5 (Surr)	*80*		*46 - 105*
Phenol-d5 (Surr)	*82*		*46 - 105*
Terphenyl-d14 (Surr)	*84*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*76*		*34 - 108*

Lab Sample ID: 180-154916-1 MS
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Prep Type: Total/NA
Prep Batch: 432786

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		7180	4360		ug/Kg	☼	61	50 - 100
Acenaphthylene	44	J	7180	4490		ug/Kg	☼	62	52 - 100
Acetophenone	ND		7180	4200		ug/Kg	☼	59	48 - 100
Anthracene	20	J	7180	4440		ug/Kg	☼	62	53 - 100
Atrazine	ND		7180	4590		ug/Kg	☼	64	49 - 103
Benzaldehyde	ND		7180	4000		ug/Kg	☼	56	23 - 105
Benzo[a]anthracene	53	J	7180	4570		ug/Kg	☼	63	51 - 100
Benzo[a]pyrene	60	J	7180	4400		ug/Kg	☼	60	51 - 100
Benzo[b]fluoranthene	84		7180	4290		ug/Kg	☼	59	48 - 100
Benzo[g,h,i]perylene	49	J	7180	4990		ug/Kg	☼	69	48 - 105
Benzo[k]fluoranthene	30	J	7180	4070		ug/Kg	☼	56	19 - 100
1,1'-Biphenyl	ND		7180	4380		ug/Kg	☼	61	50 - 100
Bis(2-chloroethoxy)methane	ND		7180	3880		ug/Kg	☼	54	49 - 100
Bis(2-chloroethyl)ether	ND		7180	4490		ug/Kg	☼	63	48 - 100

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154916-1 MS
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Prep Type: Total/NA
Prep Batch: 432786

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	ND		7180	5030		ug/Kg	☼	70	53 - 107
4-Bromophenyl phenyl ether	ND		7180	4720		ug/Kg	☼	66	52 - 101
Butyl benzyl phthalate	ND		7180	4920		ug/Kg	☼	68	52 - 107
Caprolactam	ND		7180	4760		ug/Kg	☼	66	48 - 111
Carbazole	ND		7180	4300		ug/Kg	☼	60	53 - 100
4-Chloroaniline	ND	F1	7180	3300	F1	ug/Kg	☼	46	47 - 100
4-Chloro-3-methylphenol	ND		7180	4810		ug/Kg	☼	67	49 - 106
2-Chloronaphthalene	ND		7180	4100		ug/Kg	☼	57	51 - 100
2-Chlorophenol	ND		7180	4310		ug/Kg	☼	60	51 - 100
4-Chlorophenyl phenyl ether	ND		7180	4510		ug/Kg	☼	63	52 - 100
Chrysene	73		7180	4280		ug/Kg	☼	59	50 - 100
Dibenz(a,h)anthracene	ND		7180	5180		ug/Kg	☼	72	50 - 107
Dibenzofuran	ND		7180	4210		ug/Kg	☼	59	52 - 100
3,3'-Dichlorobenzidine	ND		7180	4180		ug/Kg	☼	58	43 - 100
2,4-Dichlorophenol	ND		7180	4840		ug/Kg	☼	67	53 - 101
Diethyl phthalate	ND		7180	4260		ug/Kg	☼	59	48 - 104
2,4-Dimethylphenol	ND		7180	4330		ug/Kg	☼	60	51 - 101
Dimethyl phthalate	ND		7180	4520		ug/Kg	☼	63	53 - 100
Di-n-butyl phthalate	ND		7180	4700		ug/Kg	☼	66	57 - 102
4,6-Dinitro-2-methylphenol	ND		14400	9570		ug/Kg	☼	67	51 - 100
2,4-Dinitrophenol	ND		14400	6280		ug/Kg	☼	44	33 - 101
2,4-Dinitrotoluene	ND		7180	4790		ug/Kg	☼	67	54 - 104
2,6-Dinitrotoluene	ND		7180	4560		ug/Kg	☼	64	51 - 106
Di-n-octyl phthalate	ND		7180	4580		ug/Kg	☼	64	41 - 106
1,4-Dioxane	ND		7180	3660		ug/Kg	☼	51	25 - 125
Fluoranthene	76		7180	4410		ug/Kg	☼	60	55 - 100
Fluorene	ND		7180	4280		ug/Kg	☼	60	52 - 100
Hexachlorobenzene	ND		7180	4490		ug/Kg	☼	62	49 - 100
Hexachlorobutadiene	ND		7180	4190		ug/Kg	☼	58	38 - 107
Hexachlorocyclopentadiene	ND		7180	3270		ug/Kg	☼	46	33 - 117
Hexachloroethane	ND		7180	4050		ug/Kg	☼	56	47 - 100
Indeno[1,2,3-cd]pyrene	42	J	7180	4940		ug/Kg	☼	68	51 - 103
Isophorone	ND		7180	4960		ug/Kg	☼	69	48 - 105
2-Methylnaphthalene	ND		7180	4340		ug/Kg	☼	60	53 - 100
2-Methylphenol	ND		7180	4510		ug/Kg	☼	63	50 - 101
Methylphenol, 3 & 4	ND		7180	4570		ug/Kg	☼	64	50 - 103
Naphthalene	ND		7180	4200		ug/Kg	☼	58	51 - 100
2-Nitroaniline	ND		7180	4860		ug/Kg	☼	68	42 - 123
3-Nitroaniline	ND		7180	4120		ug/Kg	☼	57	50 - 103
4-Nitroaniline	ND		7180	4060		ug/Kg	☼	56	52 - 103
Nitrobenzene	ND		7180	4880		ug/Kg	☼	68	44 - 108
2-Nitrophenol	ND		7180	4930		ug/Kg	☼	69	55 - 107
4-Nitrophenol	ND		14400	7890		ug/Kg	☼	55	30 - 134
N-Nitrosodi-n-propylamine	ND		7180	4970		ug/Kg	☼	69	45 - 107
N-Nitrosodiphenylamine	ND		7180	4750		ug/Kg	☼	66	52 - 100
2,2'-oxybis[1-chloropropane]	ND		7180	4240		ug/Kg	☼	59	30 - 113
Pentachlorophenol	ND		14400	8590		ug/Kg	☼	60	42 - 110
Phenanthrene	32	J	7180	4190		ug/Kg	☼	58	53 - 100
Phenol	ND		7180	4530		ug/Kg	☼	63	49 - 100

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154916-1 MS
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Prep Type: Total/NA
Prep Batch: 432786

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Pyrene	76		7180	4810		ug/Kg	☼	66	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		7180	4430		ug/Kg	☼	62	41 - 104
2,3,4,6-Tetrachlorophenol	ND		7180	4560		ug/Kg	☼	63	47 - 104
2,4,5-Trichlorophenol	ND		7180	4750		ug/Kg	☼	66	50 - 104
2,4,6-Trichlorophenol	ND		7180	4930		ug/Kg	☼	69	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*56*		*44 - 105*
2-Fluorophenol (Surr)	*62*		*48 - 105*
Nitrobenzene-d5 (Surr)	*68*		*46 - 105*
Phenol-d5 (Surr)	*67*		*46 - 105*
Terphenyl-d14 (Surr)	*66*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*65*		*34 - 108*

Lab Sample ID: 180-154916-1 MSD
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Prep Type: Total/NA
Prep Batch: 432786

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		7180	4510		ug/Kg	☼	63	50 - 100	3	20
Acenaphthylene	44	J	7180	4620		ug/Kg	☼	64	52 - 100	3	20
Acetophenone	ND		7180	4290		ug/Kg	☼	60	48 - 100	2	17
Anthracene	20	J	7180	4580		ug/Kg	☼	64	53 - 100	3	20
Atrazine	ND		7180	4800		ug/Kg	☼	67	49 - 103	4	19
Benzaldehyde	ND		7180	4480		ug/Kg	☼	62	23 - 105	11	31
Benzo[a]anthracene	53	J	7180	4640		ug/Kg	☼	64	51 - 100	2	21
Benzo[a]pyrene	60	J	7180	4410		ug/Kg	☼	61	51 - 100	0	20
Benzo[b]fluoranthene	84		7180	4250		ug/Kg	☼	58	48 - 100	1	20
Benzo[g,h,i]perylene	49	J	7180	5050		ug/Kg	☼	70	48 - 105	1	19
Benzo[k]fluoranthene	30	J	7180	4080		ug/Kg	☼	56	19 - 100	0	20
1,1'-Biphenyl	ND		7180	4490		ug/Kg	☼	62	50 - 100	2	19
Bis(2-chloroethoxy)methane	ND		7180	4010		ug/Kg	☼	56	49 - 100	3	20
Bis(2-chloroethyl)ether	ND		7180	4400		ug/Kg	☼	61	48 - 100	2	18
Bis(2-ethylhexyl) phthalate	ND		7180	5050		ug/Kg	☼	70	53 - 107	0	20
4-Bromophenyl phenyl ether	ND		7180	4830		ug/Kg	☼	67	52 - 101	2	20
Butyl benzyl phthalate	ND		7180	5040		ug/Kg	☼	70	52 - 107	3	19
Caprolactam	ND		7180	4830		ug/Kg	☼	67	48 - 111	1	23
Carbazole	ND		7180	4410		ug/Kg	☼	61	53 - 100	2	20
4-Chloroaniline	ND	F1	7180	3440		ug/Kg	☼	48	47 - 100	4	20
4-Chloro-3-methylphenol	ND		7180	4860		ug/Kg	☼	68	49 - 106	1	20
2-Chloronaphthalene	ND		7180	4220		ug/Kg	☼	59	51 - 100	3	20
2-Chlorophenol	ND		7180	4340		ug/Kg	☼	60	51 - 100	1	17
4-Chlorophenyl phenyl ether	ND		7180	4590		ug/Kg	☼	64	52 - 100	2	19
Chrysene	73		7180	4440		ug/Kg	☼	61	50 - 100	4	20
Dibenz(a,h)anthracene	ND		7180	5230		ug/Kg	☼	73	50 - 107	1	21
Dibenzofuran	ND		7180	4290		ug/Kg	☼	60	52 - 100	2	19
3,3'-Dichlorobenzidine	ND		7180	4230		ug/Kg	☼	59	43 - 100	1	19
2,4-Dichlorophenol	ND		7180	4950		ug/Kg	☼	69	53 - 101	2	22

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154916-1 MSD
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Prep Type: Total/NA
Prep Batch: 432786

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	ND		7180	4350		ug/Kg	☼	61	48 - 104	2	20
2,4-Dimethylphenol	ND		7180	4510		ug/Kg	☼	63	51 - 101	4	32
Dimethyl phthalate	ND		7180	4640		ug/Kg	☼	65	53 - 100	3	21
Di-n-butyl phthalate	ND		7180	4790		ug/Kg	☼	67	57 - 102	2	20
4,6-Dinitro-2-methylphenol	ND		14400	9600		ug/Kg	☼	67	51 - 100	0	22
2,4-Dinitrophenol	ND		14400	6250		ug/Kg	☼	44	33 - 101	1	20
2,4-Dinitrotoluene	ND		7180	4970		ug/Kg	☼	69	54 - 104	4	20
2,6-Dinitrotoluene	ND		7180	4850		ug/Kg	☼	68	51 - 106	6	20
Di-n-octyl phthalate	ND		7180	4570		ug/Kg	☼	64	41 - 106	0	18
1,4-Dioxane	ND		7180	3540		ug/Kg	☼	49	25 - 125	3	17
Fluoranthene	76		7180	4580		ug/Kg	☼	63	55 - 100	4	20
Fluorene	ND		7180	4300		ug/Kg	☼	60	52 - 100	1	19
Hexachlorobenzene	ND		7180	4620		ug/Kg	☼	64	49 - 100	3	20
Hexachlorobutadiene	ND		7180	4360		ug/Kg	☼	61	38 - 107	4	22
Hexachlorocyclopentadiene	ND		7180	3590		ug/Kg	☼	50	33 - 117	10	19
Hexachloroethane	ND		7180	4000		ug/Kg	☼	56	47 - 100	1	17
Indeno[1,2,3-cd]pyrene	42	J	7180	5020		ug/Kg	☼	69	51 - 103	2	19
Isophorone	ND		7180	5000		ug/Kg	☼	70	48 - 105	1	20
2-Methylnaphthalene	ND		7180	4370		ug/Kg	☼	61	53 - 100	1	21
2-Methylphenol	ND		7180	4510		ug/Kg	☼	63	50 - 101	0	17
Methylphenol, 3 & 4	ND		7180	4620		ug/Kg	☼	64	50 - 103	1	19
Naphthalene	ND		7180	4300		ug/Kg	☼	60	51 - 100	2	20
2-Nitroaniline	ND		7180	5210		ug/Kg	☼	73	42 - 123	7	19
3-Nitroaniline	ND		7180	4300		ug/Kg	☼	60	50 - 103	4	20
4-Nitroaniline	ND		7180	4190		ug/Kg	☼	58	52 - 103	3	18
Nitrobenzene	ND		7180	4930		ug/Kg	☼	69	44 - 108	1	21
2-Nitrophenol	ND		7180	5150		ug/Kg	☼	72	55 - 107	4	19
4-Nitrophenol	ND		14400	8240		ug/Kg	☼	57	30 - 134	4	18
N-Nitrosodi-n-propylamine	ND		7180	5060		ug/Kg	☼	70	45 - 107	2	18
N-Nitrosodiphenylamine	ND		7180	4820		ug/Kg	☼	67	52 - 100	1	20
2,2'-oxybis[1-chloropropane]	ND		7180	4300		ug/Kg	☼	60	30 - 113	2	17
Pentachlorophenol	ND		14400	8790		ug/Kg	☼	61	42 - 110	2	20
Phenanthrene	32	J	7180	4340		ug/Kg	☼	60	53 - 100	3	20
Phenol	ND		7180	4540		ug/Kg	☼	63	49 - 100	0	16
Pyrene	76		7180	5070		ug/Kg	☼	70	52 - 100	5	20
1,2,4,5-Tetrachlorobenzene	ND		7180	4630		ug/Kg	☼	64	41 - 104	4	21
2,3,4,6-Tetrachlorophenol	ND		7180	4640		ug/Kg	☼	65	47 - 104	2	18
2,4,5-Trichlorophenol	ND		7180	4750		ug/Kg	☼	66	50 - 104	0	21
2,4,6-Trichlorophenol	ND		7180	5150		ug/Kg	☼	72	50 - 105	4	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*59*		*44 - 105*
2-Fluorophenol (Surr)	*63*		*48 - 105*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*
Phenol-d5 (Surr)	*65*		*46 - 105*
Terphenyl-d14 (Surr)	*69*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*65*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-432359/1-C
Matrix: Solid
Analysis Batch: 432711

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		04/14/23 11:24	04/19/23 07:48	1
PCB-1221	ND		17	5.9	ug/Kg		04/14/23 11:24	04/19/23 07:48	1
PCB-1232	ND		17	4.1	ug/Kg		04/14/23 11:24	04/19/23 07:48	1
PCB-1242	ND		17	2.4	ug/Kg		04/14/23 11:24	04/19/23 07:48	1
PCB-1248	ND		17	4.0	ug/Kg		04/14/23 11:24	04/19/23 07:48	1
PCB-1254	ND		17	5.0	ug/Kg		04/14/23 11:24	04/19/23 07:48	1
PCB-1260	ND		17	4.7	ug/Kg		04/14/23 11:24	04/19/23 07:48	1
PCB-1262	ND		17	5.9	ug/Kg		04/14/23 11:24	04/19/23 07:48	1
PCB-1268	ND		17	2.2	ug/Kg		04/14/23 11:24	04/19/23 07:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*133*		*63 - 138*	*04/14/23 11:24*	*04/19/23 07:48*	*1*
DCB Decachlorobiphenyl (Surr)	*131*		*63 - 138*	*04/14/23 11:24*	*04/19/23 07:48*	*1*
Tetrachloro-m-xylene (Surr)	*121*		*55 - 135*	*04/14/23 11:24*	*04/19/23 07:48*	*1*
Tetrachloro-m-xylene (Surr)	*111*		*55 - 135*	*04/14/23 11:24*	*04/19/23 07:48*	*1*

Lab Sample ID: LCS 180-432359/2-C
Matrix: Solid
Analysis Batch: 432711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432359

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1410		ug/Kg		106	43 - 136		
PCB-1260			1330	1440		ug/Kg		108	55 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*137*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*132*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*119*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*110*		*55 - 135*

Lab Sample ID: 180-154916-1 MS
Matrix: Solid
Analysis Batch: 432711

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Prep Type: Total/NA
Prep Batch: 432359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1420	1660		ug/Kg	☼	117	43 - 136		
PCB-1260	ND		1420	1490		ug/Kg	☼	105	55 - 128		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*122*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*123*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*127*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*113*		*55 - 135*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-154916-1 MSD
Matrix: Solid
Analysis Batch: 432711

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Prep Type: Total/NA
Prep Batch: 432359

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1400	1570		ug/Kg	☼	112	43 - 136	6	40
PCB-1260	ND		1400	1490		ug/Kg	☼	107	55 - 128	0	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*115*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*121*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*116*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*111*		*55 - 135*

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-432763/1-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Antimony	ND		1.0	0.30	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Arsenic	ND		1.0	0.63	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Barium	ND		20	3.6	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Beryllium	ND		0.40	0.11	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Cadmium	ND		0.50	0.073	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Calcium	ND		500	65	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Chromium	ND		0.50	0.46	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Cobalt	ND		5.0	0.70	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Copper	ND		2.5	1.5	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Iron	17.5		10	9.7	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Lead	ND		1.0	0.87	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Magnesium	ND		500	55	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Manganese	ND		1.5	0.28	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Nickel	ND		4.0	0.50	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Potassium	ND		500	85	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Selenium	ND		1.0	0.46	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Silver	ND		0.50	0.10	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Sodium	ND		500	51	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Thallium	ND		2.0	0.28	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Vanadium	ND		5.0	0.79	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Zinc	3.18		2.0	1.5	mg/Kg		04/19/23 09:43	04/30/23 01:54	1

Lab Sample ID: LCS 180-432763/2-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	451		mg/Kg		90	80 - 120
Antimony	25.0	24.8		mg/Kg		99	80 - 120
Arsenic	100	95.3		mg/Kg		95	80 - 120
Barium	100	90.4		mg/Kg		90	80 - 120
Beryllium	50.0	45.6		mg/Kg		91	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-432763/2-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	50.0	44.8		mg/Kg		90	80 - 120
Calcium	2500	2280		mg/Kg		91	80 - 120
Chromium	50.0	42.8		mg/Kg		86	80 - 120
Cobalt	50.0	43.7		mg/Kg		87	80 - 120
Copper	50.0	43.1		mg/Kg		86	80 - 120
Iron	500	459		mg/Kg		92	80 - 120
Lead	50.0	42.1		mg/Kg		84	80 - 120
Magnesium	2500	2310		mg/Kg		92	80 - 120
Manganese	50.0	43.2		mg/Kg		86	80 - 120
Nickel	50.0	43.0		mg/Kg		86	80 - 120
Potassium	2500	2230		mg/Kg		89	80 - 120
Selenium	100	89.2		mg/Kg		89	80 - 120
Silver	25.0	21.1		mg/Kg		84	80 - 120
Sodium	2500	2290		mg/Kg		92	80 - 120
Thallium	100	83.0		mg/Kg		83	80 - 120
Vanadium	50.0	41.9		mg/Kg		84	80 - 120
Zinc	25.0	26.1		mg/Kg		105	80 - 120

Lab Sample ID: 180-154916-10 MS
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: SSHS-IRM5A2-SCV-DUP20
Prep Type: Total/NA
Prep Batch: 432763

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	11000	F2	251	5190	4	mg/Kg	☼	-2126	75 - 125
Antimony	ND	F1	12.6	6.41	F1	mg/Kg	☼	51	75 - 125
Arsenic	7.7	F2	50.2	58.8		mg/Kg	☼	102	75 - 125
Barium	99	F2 F1	50.2	98.4	F1	mg/Kg	☼	-2	75 - 125
Beryllium	0.49	F2	25.1	26.2		mg/Kg	☼	103	75 - 125
Cadmium	0.096	J F2	25.1	25.3		mg/Kg	☼	101	75 - 125
Calcium	2600	F2 F1	1260	4550	F1	mg/Kg	☼	155	75 - 125
Chromium	12	F2	25.1	31.7		mg/Kg	☼	78	75 - 125
Cobalt	7.7	F2	25.1	31.8		mg/Kg	☼	96	75 - 125
Copper	32	F2 F1	25.1	39.9	F1	mg/Kg	☼	33	75 - 125
Iron	23000	F2 B	251	9320	4	mg/Kg	☼	-5294	75 - 125
Lead	28	F2 F1	25.1	38.2	F1	mg/Kg	☼	39	75 - 125
Magnesium	3200	F2 F1	1260	3100	F1	mg/Kg	☼	-10	75 - 125
Manganese	660	F2	25.1	277	4	mg/Kg	☼	-1517	75 - 125
Nickel	18	F2	25.1	37.6		mg/Kg	☼	76	75 - 125
Potassium	610	F2	1260	1650		mg/Kg	☼	83	75 - 125
Selenium	ND	F2	50.2	51.7		mg/Kg	☼	103	75 - 125
Silver	ND	F2	12.6	12.8		mg/Kg	☼	102	75 - 125
Sodium	ND	F2	1260	1370		mg/Kg	☼	109	75 - 125
Thallium	0.62	J F2	50.2	52.7		mg/Kg	☼	104	75 - 125
Vanadium	15	F2 F1	25.1	32.2	F1	mg/Kg	☼	67	75 - 125
Zinc	170	F2 B	12.6	118	4	mg/Kg	☼	-437	75 - 125

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154916-10 MSD
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: SSHS-IRM5A2-SCV-DUP20
Prep Type: Total/NA
Prep Batch: 432763

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	11000	F2	394	11800	4 F2	mg/Kg	☼	313	75 - 125	78	20
Antimony	ND	F1	19.7	6.87	F1	mg/Kg	☼	35	75 - 125	7	20
Arsenic	7.7	F2	78.8	90.0	F2	mg/Kg	☼	104	75 - 125	42	20
Barium	99	F2 F1	78.8	194	F2	mg/Kg	☼	120	75 - 125	65	20
Beryllium	0.49	F2	39.4	39.2	F2	mg/Kg	☼	98	75 - 125	40	20
Cadmium	0.096	J F2	39.4	37.1	F2	mg/Kg	☼	94	75 - 125	38	20
Calcium	2600	F2 F1	1970	7920	F1 F2	mg/Kg	☼	270	75 - 125	54	20
Chromium	12	F2	39.4	51.0	F2	mg/Kg	☼	98	75 - 125	47	20
Cobalt	7.7	F2	39.4	51.9	F2	mg/Kg	☼	112	75 - 125	48	20
Copper	32	F2 F1	39.4	69.5	F2	mg/Kg	☼	96	75 - 125	54	20
Iron	23000	F2 B	394	21800	4 F2	mg/Kg	☼	-194	75 - 125	80	20
Lead	28	F2 F1	39.4	70.7	F2	mg/Kg	☼	108	75 - 125	60	20
Magnesium	3200	F2 F1	1970	5720	F1 F2	mg/Kg	☼	127	75 - 125	60	20
Manganese	660	F2	39.4	703	4 F2	mg/Kg	☼	115	75 - 125	87	20
Nickel	18	F2	39.4	63.7	F2	mg/Kg	☼	115	75 - 125	52	20
Potassium	610	F2	1970	2650	F2	mg/Kg	☼	103	75 - 125	47	20
Selenium	ND	F2	78.8	76.0	F2	mg/Kg	☼	96	75 - 125	38	20
Silver	ND	F2	19.7	18.9	F2	mg/Kg	☼	96	75 - 125	38	20
Sodium	ND	F2	1970	2040	F2	mg/Kg	☼	103	75 - 125	39	20
Thallium	0.62	J F2	78.8	79.3	F2	mg/Kg	☼	100	75 - 125	40	20
Vanadium	15	F2 F1	39.4	53.1	F2	mg/Kg	☼	96	75 - 125	49	20
Zinc	170	F2 B	19.7	332	4 F2	mg/Kg	☼	807	75 - 125	95	20

Lab Sample ID: MB 180-432765/1-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Arsenic	ND		1.0	0.63	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Barium	ND		20	3.6	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Beryllium	ND		0.40	0.11	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Cadmium	ND		0.50	0.073	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Calcium	ND		500	65	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Chromium	ND		0.50	0.46	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Cobalt	ND		5.0	0.70	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Copper	ND		2.5	1.5	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Iron	22.0		10	9.7	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Lead	ND		1.0	0.87	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Magnesium	ND		500	55	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Manganese	ND		1.5	0.28	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Nickel	ND		4.0	0.50	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Potassium	ND		500	85	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Selenium	ND		1.0	0.46	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Silver	ND		0.50	0.10	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Sodium	ND		500	51	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Thallium	ND		2.0	0.28	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Vanadium	ND		5.0	0.79	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Zinc	3.74		2.0	1.5	mg/Kg		04/19/23 09:46	04/25/23 11:43	1

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: LCS 180-432765/2-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	461		mg/Kg		92	80 - 120
Arsenic	100	93.4		mg/Kg		93	80 - 120
Barium	100	91.9		mg/Kg		92	80 - 120
Beryllium	50.0	46.8		mg/Kg		94	80 - 120
Cadmium	50.0	45.1		mg/Kg		90	80 - 120
Calcium	2500	2310		mg/Kg		92	80 - 120
Chromium	50.0	43.9		mg/Kg		88	80 - 120
Cobalt	50.0	45.5		mg/Kg		91	80 - 120
Copper	50.0	44.0		mg/Kg		88	80 - 120
Iron	500	486		mg/Kg		97	80 - 120
Lead	50.0	45.3		mg/Kg		91	80 - 120
Magnesium	2500	2340		mg/Kg		94	80 - 120
Manganese	50.0	45.1		mg/Kg		90	80 - 120
Nickel	50.0	45.5		mg/Kg		91	80 - 120
Potassium	2500	2300		mg/Kg		92	80 - 120
Selenium	100	91.2		mg/Kg		91	80 - 120
Silver	25.0	21.9		mg/Kg		87	80 - 120
Sodium	2500	2340		mg/Kg		94	80 - 120
Thallium	100	89.6		mg/Kg		90	80 - 120
Vanadium	50.0	44.4		mg/Kg		89	80 - 120
Zinc	25.0	24.8		mg/Kg		99	80 - 120

Lab Sample ID: MB 180-433883/1-A
Matrix: Solid
Analysis Batch: 434075

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433883

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.30	mg/Kg		05/01/23 11:30	05/02/23 09:26	1

Lab Sample ID: LCS 180-433883/2-A
Matrix: Solid
Analysis Batch: 434075

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433883

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	25.0	23.5		mg/Kg		94	80 - 120

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 180-433809/1-A
Matrix: Solid
Analysis Batch: 434050

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.033	0.021	mg/Kg		05/01/23 08:15	05/02/23 11:57	1

Method: EPA 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 180-433809/2-A
Matrix: Solid
Analysis Batch: 434050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433809

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.417	0.415		mg/Kg		100	80 - 120		

Lab Sample ID: 180-154916-1 MS
Matrix: Solid
Analysis Batch: 434050

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Prep Type: Total/NA
Prep Batch: 433809

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.14		0.166	0.288		mg/Kg	☼	91	80 - 120		

Lab Sample ID: 180-154916-1 MSD
Matrix: Solid
Analysis Batch: 434050

Client Sample ID: SSHS-IRM5A2-SCV58-0.83-1.83
Prep Type: Total/NA
Prep Batch: 433809

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.14		0.166	0.278		mg/Kg	☼	85	80 - 120	4	20

GC/MS VOA

Analysis Batch: 432587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	EPA 8260C	432667
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	EPA 8260C	432667
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	EPA 8260C	432667
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	EPA 8260C	432667
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	EPA 8260C	432667
MB 180-432587/9	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-432587/4	Lab Control Sample	Total/NA	Solid	EPA 8260C	

Prep Batch: 432667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	5035	
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	5035	
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	5035	
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	5035	
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	5035	

Analysis Batch: 432979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	EPA 8260C	433069
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	EPA 8260C	433069
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	EPA 8260C	433069
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	EPA 8260C	433069
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	EPA 8260C	433069
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	EPA 8260C	433069
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	EPA 8260C	433069
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	EPA 8260C	433069
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	EPA 8260C	433069
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	EPA 8260C	433069
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	EPA 8260C	433069
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	EPA 8260C	433069
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	EPA 8260C	433069
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	EPA 8260C	433069
MB 180-432979/7	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-432979/3	Lab Control Sample	Total/NA	Solid	EPA 8260C	
LCSD 180-432979/4	Lab Control Sample Dup	Total/NA	Solid	EPA 8260C	

Prep Batch: 433069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	5035	
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	5035	
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	5035	
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	5035	
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	5035	
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	5035	
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	5035	
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	5035	
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	5035	
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	5035	
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	5035	
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	5035	
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 433069 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	5035	
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	5035	

Analysis Batch: 433087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	EPA 8260C	433069
MB 180-433087/8	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-433087/6	Lab Control Sample	Total/NA	Solid	EPA 8260C	

GC/MS Semi VOA

Prep Batch: 432786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3541	
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	3541	
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	3541	
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	3541	
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	3541	
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	3541	
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	3541	
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	3541	
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	3541	
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	3541	
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	3541	
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	3541	
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	3541	
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	3541	
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	3541	
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	3541	
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	3541	
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	3541	
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	3541	
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	3541	
MB 180-432786/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-432786/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-154916-1 MS	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3541	
180-154916-1 MSD	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3541	

Analysis Batch: 432846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-432786/1-A	Method Blank	Total/NA	Solid	EPA 8270D	432786
LCS 180-432786/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	432786

Analysis Batch: 432864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	EPA 8270D	432786
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	EPA 8270D	432786
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	EPA 8270D	432786
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	EPA 8270D	432786
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	EPA 8270D	432786
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	EPA 8270D	432786

GC/MS Semi VOA (Continued)

Analysis Batch: 432864 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	EPA 8270D	432786
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	EPA 8270D	432786
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	EPA 8270D	432786
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	EPA 8270D	432786
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	EPA 8270D	432786
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	EPA 8270D	432786
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	EPA 8270D	432786
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	EPA 8270D	432786
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	EPA 8270D	432786

Analysis Batch: 432969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	EPA 8270D	432786
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	EPA 8270D	432786
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	EPA 8270D	432786
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	EPA 8270D	432786
180-154916-1 MS	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	EPA 8270D	432786
180-154916-1 MSD	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	EPA 8270D	432786

Analysis Batch: 433093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	EPA 8270D	432786

GC Semi VOA

Prep Batch: 432359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3541	
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	3541	
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	3541	
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	3541	
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	3541	
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	3541	
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	3541	
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	3541	
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	3541	
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	3541	
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	3541	
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	3541	
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	3541	
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	3541	
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	3541	
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	3541	
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	3541	
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	3541	
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	3541	
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	3541	
MB 180-432359/1-C	Method Blank	Total/NA	Solid	3541	
LCS 180-432359/2-C	Lab Control Sample	Total/NA	Solid	3541	
180-154916-1 MS	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3541	
180-154916-1 MSD	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3541	

GC Semi VOA

Cleanup Batch: 432559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3665A	432359
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	3665A	432359
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	3665A	432359
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	3665A	432359
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	3665A	432359
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	3665A	432359
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	3665A	432359
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	3665A	432359
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	3665A	432359
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	3665A	432359
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	3665A	432359
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	3665A	432359
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	3665A	432359
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	3665A	432359
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	3665A	432359
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	3665A	432359
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	3665A	432359
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	3665A	432359
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	3665A	432359
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	3665A	432359
MB 180-432359/1-C	Method Blank	Total/NA	Solid	3665A	432359
LCS 180-432359/2-C	Lab Control Sample	Total/NA	Solid	3665A	432359
180-154916-1 MS	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3665A	432359
180-154916-1 MSD	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3665A	432359

Cleanup Batch: 432560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3660B	432559
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	3660B	432559
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	3660B	432559
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	3660B	432559
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	3660B	432559
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	3660B	432559
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	3660B	432559
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	3660B	432559
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	3660B	432559
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	3660B	432559
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	3660B	432559
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	3660B	432559
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	3660B	432559
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	3660B	432559
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	3660B	432559
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	3660B	432559
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	3660B	432559
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	3660B	432559
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	3660B	432559
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	3660B	432559
MB 180-432359/1-C	Method Blank	Total/NA	Solid	3660B	432559
LCS 180-432359/2-C	Lab Control Sample	Total/NA	Solid	3660B	432559
180-154916-1 MS	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3660B	432559
180-154916-1 MSD	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3660B	432559

GC Semi VOA

Analysis Batch: 432711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	EPA 8082A	432560
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	EPA 8082A	432560
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	EPA 8082A	432560
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	EPA 8082A	432560
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	EPA 8082A	432560
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	EPA 8082A	432560
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	EPA 8082A	432560
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	EPA 8082A	432560
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	EPA 8082A	432560
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	EPA 8082A	432560
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	EPA 8082A	432560
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	EPA 8082A	432560
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	EPA 8082A	432560
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	EPA 8082A	432560
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	EPA 8082A	432560
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	EPA 8082A	432560
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	EPA 8082A	432560
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	EPA 8082A	432560
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	EPA 8082A	432560
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	EPA 8082A	432560
MB 180-432359/1-C	Method Blank	Total/NA	Solid	EPA 8082A	432560
LCS 180-432359/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	432560
180-154916-1 MS	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	EPA 8082A	432560
180-154916-1 MSD	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	EPA 8082A	432560

Metals

Prep Batch: 432763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	3050B	
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	3050B	
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	3050B	
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	3050B	
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	3050B	
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	3050B	
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	3050B	
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	3050B	
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	3050B	
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	3050B	
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	3050B	
MB 180-432763/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-432763/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154916-10 MS	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	3050B	
180-154916-10 MSD	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	3050B	

Prep Batch: 432765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3050B	
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	3050B	
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	3050B	
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 432765 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	3050B	
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	3050B	
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	3050B	
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	3050B	
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	3050B	
MB 180-432765/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-432765/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 433389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	EPA 6010C	432765
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	EPA 6010C	432765
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	EPA 6010C	432765
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	EPA 6010C	432765
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	EPA 6010C	432765
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	EPA 6010C	432765
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	EPA 6010C	432765
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	EPA 6010C	432765
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	EPA 6010C	432765
MB 180-432765/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432765
LCS 180-432765/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432765

Analysis Batch: 433520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	EPA 6010C	432765
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	EPA 6010C	432765
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	EPA 6010C	432765
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	EPA 6010C	432765

Prep Batch: 433809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	7471B	
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	7471B	
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	7471B	
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	7471B	
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	7471B	
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	7471B	
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	7471B	
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	7471B	
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	7471B	
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	7471B	
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	7471B	
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	7471B	
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	7471B	
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	7471B	
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	7471B	
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	7471B	
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	7471B	
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	7471B	
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	7471B	
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 433809 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-433809/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 180-433809/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-154916-1 MS	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	7471B	
180-154916-1 MSD	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	7471B	

Analysis Batch: 433862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	EPA 6010C	432763
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	EPA 6010C	432763
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	EPA 6010C	432763
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	EPA 6010C	432763
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	EPA 6010C	432763
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	EPA 6010C	432763
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	EPA 6010C	432763
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	EPA 6010C	432763
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	EPA 6010C	432763
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	EPA 6010C	432763
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	EPA 6010C	432763
MB 180-432763/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432763
LCS 180-432763/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432763
180-154916-10 MS	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	EPA 6010C	432763
180-154916-10 MSD	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	EPA 6010C	432763

Prep Batch: 433883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	3050B	
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	3050B	
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	3050B	
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	3050B	
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	3050B	
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	3050B	
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	3050B	
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	3050B	
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	3050B	
MB 180-433883/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-433883/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 434050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	EPA 7471B	433809
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	EPA 7471B	433809
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	EPA 7471B	433809
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	EPA 7471B	433809
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	EPA 7471B	433809
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	EPA 7471B	433809
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	EPA 7471B	433809
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	EPA 7471B	433809
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	EPA 7471B	433809
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	EPA 7471B	433809
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	EPA 7471B	433809
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	EPA 7471B	433809

Metals (Continued)

Analysis Batch: 434050 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	EPA 7471B	433809
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	EPA 7471B	433809
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	EPA 7471B	433809
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	EPA 7471B	433809
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	EPA 7471B	433809
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	EPA 7471B	433809
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	EPA 7471B	433809
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	EPA 7471B	433809
MB 180-433809/1-A	Method Blank	Total/NA	Solid	EPA 7471B	433809
LCS 180-433809/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	433809
180-154916-1 MS	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	EPA 7471B	433809
180-154916-1 MSD	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	EPA 7471B	433809

Analysis Batch: 434075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	EPA 6010C	433883
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	EPA 6010C	433883
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	EPA 6010C	433883
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	EPA 6010C	433883
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	EPA 6010C	433883
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	EPA 6010C	433883
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	EPA 6010C	433883
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	EPA 6010C	433883
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	EPA 6010C	433883
MB 180-433883/1-A	Method Blank	Total/NA	Solid	EPA 6010C	433883
LCS 180-433883/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	433883

General Chemistry

Analysis Batch: 432382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-1	SSHS-IRM5A2-SCV58-0.83-1.83	Total/NA	Solid	2540G	
180-154916-2	SSHS-IRM5A2-SCV59-0-0.17	Total/NA	Solid	2540G	
180-154916-3	SSHS-IRM5A2-SCV59-0.17-0.83	Total/NA	Solid	2540G	
180-154916-4	SSHS-IRM5A2-SCV59-0.83-1.83	Total/NA	Solid	2540G	
180-154916-5	SSHS-IRM5A2-SCV60-0-0.25	Total/NA	Solid	2540G	
180-154916-6	SSHS-IRM5A2-SCV60-0.25-1.25	Total/NA	Solid	2540G	
180-154916-7	SSHS-IRM5A2-SCV61-0-0.17	Total/NA	Solid	2540G	
180-154916-10	SSHS-IRM5A2-SCV-DUP20	Total/NA	Solid	2540G	
180-154916-11	SSHS-IRM5A2-SCV62-0-0.33	Total/NA	Solid	2540G	
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Total/NA	Solid	2540G	
180-154916-19	SSHS-IRM5A2-SCV65-0-0.25	Total/NA	Solid	2540G	
180-154916-20	SSHS-IRM5A2-SCV-DUP21	Total/NA	Solid	2540G	

Analysis Batch: 432384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-8	SSHS-IRM5A2-SCV61-0.17-0.75	Total/NA	Solid	2540G	
180-154916-9	SSHS-IRM5A2-SCV61-0.75-1.75	Total/NA	Solid	2540G	
180-154916-12	SSHS-IRM5A2-SCV62-0.33-1.33	Total/NA	Solid	2540G	
180-154916-13	SSHS-IRM5A2-SCV63-0-0.17	Total/NA	Solid	2540G	
180-154916-14	SSHS-IRM5A2-SCV63-0.17-0.75	Total/NA	Solid	2540G	

General Chemistry (Continued)

Analysis Batch: 432384 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-15	SSHS-IRM5A2-SCV63-0.75-1.75	Total/NA	Solid	2540G	
180-154916-16	SSHS-IRM5A2-SCV64-0-0.17	Total/NA	Solid	2540G	
180-154916-18	SSHS-IRM5A2-SCV64-0.92-1.92	Total/NA	Solid	2540G	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS									Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N										
SSHS-IRM5A2-SCV58-0.83-1.83	4/11/23	1000	G	S	N	N	X	X	X	X											6	
SSHS-IRM5A2-SCV59-0-0.17	4/11/23	1005	G	S	N	N	X	X	X	X											6	
SSHS-IRM5A2-SCV59-0.17-0.83	4/11/23	1010	G	S	N	N	X	X	X	X	X	X									8	
SSHS-IRM5A2-SCV59-0.83-1.83	4/11/23	1015	G	S	N	N	X	X	X	X											6	
SSHS-IRM5A2-SCV60-0-0.25	4/11/23	1020	G	S	N	N	X	X	X	X											6	
SSHS-IRM5A2-SCV60-0.25-1.25	4/11/23	1025	G	S	N	N	X	X	X	X	X	X									8	
SSHS-IRM5A2-SCV61-0-0.17	4/11/23	1030	G	S	N	N	X	X	X	X											6	
SSHS-IRM5A2-SCV61-0.17-0.75	4/11/23	1035	G	S	N	N	X	X	X	X											6	
SSHS-IRM5A2-SCV61-0.75-1.75	4/11/23	1040	G	S	N	N	X	X	X	X											6	
SSHS-IRM5A2-SCV-DUP20	4/11/23	--	G	S	N	N	X	X	X	X											6	
SSHS-IRM5A2-SCV62-0-0.33	4/11/23	1045	G	S	N	N	X	X	X	X	X	X									8	
SSHS-IRM5A2-SCV62-0.33-1.33	4/11/23	1050	G	S	N	N	X	X	X	X											6	

180-154916 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/11/23/1800	Company: Geosyntec	Received by:	Date/Time: 4-12-23 0930	Company: EA Hanks
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

5/5/2023

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV63-0-0.17	4/11/23	1055	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV63-0.17-0.75	4/11/23	1100	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV63-0.75-1.75	4/11/23	1105	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV64-0-0.17	4/11/23	1110	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV64-0.17-0.92	4/11/23	1115	G	S	N	N	X	X	X	X			8	
SSHS-IRM5A2-SCV64-0.92-1.92	4/11/23	1120	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV65-0-0.25	4/11/23	1125	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-DUP21	4/11/23	--	G	S	N	N	X	X	X	X			6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time.	Method of Shipment:

Relinquished by:	Date/Time: 4/11/23/1800	Company: Geosyntec	Received by:	Date/Time: 4/12/23 0930	Company: EPI TAWE
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154916 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV58-0.83-1.83	4/11/23	1000	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV59-0-0.17	4/11/23	1005	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV59-0.17-0.83	4/11/23	1010	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV59-0.83-1.83	4/11/23	1015	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV60-0-0.25	4/11/23	1020	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV60-0.25-1.25	4/11/23	1025	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV61-0-0.17	4/11/23	1030	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV61-0.17-0.75	4/11/23	1035	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV61-0.75-1.75	4/11/23	1040	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV-DUP20	4/11/23	--	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV62-0-0.33	4/11/23	1045	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV62-0.33-1.33	4/11/23	1050	G	S	N	N	X	X	X	X										6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/11/23 1800	Company: Geosyntec	Received by:	Date/Time: 4/12/23 930	Company: EE
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 186254 | Cooler Temperature(s) °C and Other Remarks: 4.6

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5/5/2023

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV63-0-0.17	4/11/23	1055	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV63-0.17-0.75	4/11/23	1100	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV63-0.75-1.75	4/11/23	1105	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV64-0-0.17	4/11/23	1110	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV64-0.17-0.92	4/11/23	1115	G	S	N	N	X	X	X	X			8	
SSHS-IRM5A2-SCV64-0.92-1.92	4/11/23	1120	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV65-0-0.25	4/11/23	1125	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-DUP21	4/11/23	--	G	S	N	N	X	X	X	X			6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/11/23 1600	Company: Geosyntec	Received by:	Date/Time: 4/12/23 930	Company: EET Sac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.4

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5/5/2023

Ver: 01/16/2019

eurofins | Environment Testing TestAmerica

Sacramento Sample Receiving Notes

180-154916 Field Sheet

Tracking # : 777 8877 2015

Job: _____

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: L10 Corr. Factor: (+ / -) _____ °C

Ice _____ Wet _____ Gel _____ Other _____

Cooler Custody Seal: 18697354

Cooler ID: _____

Temp Observed: 4.6 °C Corrected: 4.6 °C

From: Temp Blank ☑ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JF Date: 4/12/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☑	☐
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☑	☐
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☑	☐
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: JF Date: 4-12-23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☑	☐	☐

Initials: JF Date: 4-12-23

WR305A

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154916-1

Login Number: 154916
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 5/8/2023 5:59:45 PM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154813-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



Generated
5/8/2023 5:59:45 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-154813-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154813-1

Comments
Notation was made to the COC regarding terracores for sample SSHS-IRM5A2-DUP19 not being received.

Receipt
The samples were received on 4/8/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.0º C, 1.4º C, 1.6º C, 2.5º C, 3.3º C and 4.8º C.

GC/MS VOA
Method 8260C: The recovery of surrogates 1,2-Dichloroethane-d4 and/or Dibromofluoromethane were above the control limits for the following samples: SSHS-IRM5A2-SCV52-0.50-1.50 (180-154813-3), SSHS-IRM5A2-SCV55-1-2 (180-154813-12), SSHS-IRM5A2-SCV56-0-0.67 (180-154813-13), SSHS-IRM5A2-SCV56-0.67-1.67 (180-154813-14), SSHS-IRM5A2-SCV57-0.17-0.83 (180-154813-16), and SSHS-IRM5A2-SCV58-0-0.17 (180-154813-19). As the surrogates were high and there were no target analytes detected in the samples, the results were reported.

Method 8260C: The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) for batch 180-432477 recovered above the control limits for the following analytes: Dichlorodifluoromethane, Methylene Chloride and/or Methyl acetate. As these analytes were biased high in the LCS/LCSD and were not detected in the associated samples, the results were reported.

Method 8260C: The laboratory control sample (LCS) for batch 180-432587 recovered above the control limits for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane, Carbon disulfide, Dichlorodifluoromethane, and Methyl acetate. As these analytes were biased high in the LCS and were not detected in the associated samples, the results were reported.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432477 was above criteria for the following analytes: Dichlorodifluoromethane and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432477 was below criteria for the following analytes: 1,4-Dioxane, Chloromethane, 1,2-Dibromo-3-Chloropropane, 1,1,2-Trichloroethane, 2-Hexanone, and 4-Methyl-2-pentanone. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432587 was below criteria for the following analytes: 1,4-Dioxane, Bromomethane, Chloroethane, Chloromethane, Trichlorofluoromethane, and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432587 was above criteria for the following analytes: Dichlorodifluoromethane and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The following samples were diluted due to the nature of the sample matrix: SSHS-IRM5A2-SCV-DUP18 (180-154813-7), SSHS-IRM5A2-SCV54-0.17-0.75 (180-154813-8), and SSHS-IRM5A2-SCV58-0-0.17 (180-154813-19). Elevated reporting limits (RLs) are provided.

Method 8270D: The recovery of surrogate Terphenyl-d14 for the following sample was above the control limits: SSHS-IRM5A2-SCV58-0-0.17 (180-154813-19). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Job ID: 180-154813-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432846 was above criteria for the following analyte: Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8082A: The method blank (MB 180-432126/1-C) had the recovery of surrogate tetrachloro-m-xylene above the control limits on both columns. The recoveries of decachlorobiphenyl were within the control limits. The associated samples had all surrogate recoveries within the control limits.

Method 8082A: The continuing calibration verification (CCV) analyzed in batch 180-432501 (CCVIS 180-432501/26 was above criteria for aroclor 1260 on column RTX-CLP1. Associated positive sample results for aroclor 1260 were reported from column RTX-CLP2 which met criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010C: The dilution factor on the raw data for sample SSHS-IRM5A2-SCV57-0.83-1.83 (180-154813-17) is incorrectly listed as a 2x dilution. The actual dilution was 5x and was corrected prior to upload in the LIMS.

Method 6010C: The following sample was diluted to bring the concentration of lead within the linear range of the instrument: SSHS-IRM5A2-SCV54-0.17-0.75 (180-154813-8). Elevated reporting limits (RLs) are provided.

Method 6010C: The following samples were diluted to bring the concentration of iron within the linear range of the instrument: SSHS-IRM5A2-SCV57-0.83-1.83 (180-154813-17) and its matrix spikes; and SSHS-IRM5A2-SCV58-0.17-0.83 (180-154813-20) and its matrix spikes. Elevated reporting limits (RLs) are provided. Cadmium, lead, and thallium were also reported from dilution due to inter-element corrections associated with iron.

Method 6010C: The method blank for preparation batch 180-432525 contained zinc above the reporting limit (RL). As the associated samples contained zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The method blank for preparation batch 180-433398 contained zinc above the reporting limit (RL). As the associated samples contained zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The method blank for preparation batch 180-433882 contained zinc above the reporting limit (RL). As the associated samples contained zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV57-0.83-1.83 (180-154813-17) had several recoveries and RPDs between the spikes outside of the control limits. The recoveries of the laboratory control sample were within the control limits.

Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV58-0.17-0.83 (180-154813-20) had several recoveries and RPDs between the spikes outside of the control limits. The recoveries of the laboratory control sample were within the control limits.

Method 7471B: The matrix spike duplicate (MSD) of sample SSHS-IRM5A2-SCV58-0.17-0.83 (180-154813-20) had the recovery of mercury and RPD between the spikes above the control limits. The recoveries of the matrix spike (MS) and laboratory control sample (LCS) were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	04-01-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids
EPA 8260C	5035	Solid	1,2-Dichloroethene, Total

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Solid	04/07/23 10:30	04/08/23 08:35
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Solid	04/07/23 10:35	04/08/23 08:35
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Solid	04/07/23 10:40	04/08/23 08:35
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Solid	04/07/23 10:45	04/08/23 08:35
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Solid	04/07/23 10:50	04/08/23 08:35
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Solid	04/07/23 10:55	04/08/23 08:35
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Solid	04/07/23 00:00	04/08/23 08:35
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Solid	04/07/23 11:00	04/08/23 08:35
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Solid	04/07/23 11:05	04/08/23 08:35
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Solid	04/07/23 11:10	04/08/23 08:35
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Solid	04/07/23 11:15	04/08/23 08:35
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Solid	04/07/23 11:20	04/08/23 08:35
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Solid	04/07/23 11:25	04/08/23 08:35
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Solid	04/07/23 11:30	04/08/23 08:35
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Solid	04/07/23 11:35	04/08/23 08:35
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Solid	04/07/23 11:40	04/08/23 08:35
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Solid	04/07/23 11:45	04/08/23 08:35
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Solid	04/07/23 00:00	04/08/23 08:35
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Solid	04/07/23 11:50	04/08/23 08:35
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Solid	04/07/23 11:55	04/08/23 08:35

Method Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by GC/MS	SW846	EET PIT
EPA 8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
EPA 6010C	Metals (ICP)	SW846	EET PIT
EPA 7471B	Mercury (CVAA)	SW846	EET PIT
2540G	SM 2540G	SM22	EET PIT
3050B	Preparation, Metals	SW846	EET PIT
3541	Automated Soxhlet Extraction	SW846	EET PIT
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET PIT
7471B	Preparation, Mercury	SW846	EET PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Client Sample ID: SSHS-IRM5A2-SCV51-0.50-1.50
Lab Sample ID: 180-154813-1

Date Collected: 04/07/23 10:30
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV51-0.50-1.50
Lab Sample ID: 180-154813-1

Date Collected: 04/07/23 10:30
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0304 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 14:55	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432846	04/20/23 10:35	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/17/23 21:06	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.71 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 14:34	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.68 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:37	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV52-0-0.50
Lab Sample ID: 180-154813-2

Date Collected: 04/07/23 10:35
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV52-0-0.50
Lab Sample ID: 180-154813-2

Date Collected: 04/07/23 10:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3326 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 16:03	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 09:01	VVP	EET PIT
	Instrument ID: CH733									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV52-0-0.50
Lab Sample ID: 180-154813-2

Date Collected: 04/07/23 10:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/17/23 21:24	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.70 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 14:39	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:38	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV52-0.50-1.50
Lab Sample ID: 180-154813-3

Date Collected: 04/07/23 10:40
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV52-0.50-1.50
Lab Sample ID: 180-154813-3

Date Collected: 04/07/23 10:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 92.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3065 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 16:26	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 09:22	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.5 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/17/23 21:43	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.70 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 14:44	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.68 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:39	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV53-0-0.50
Lab Sample ID: 180-154813-4

Date Collected: 04/07/23 10:45
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV53-0-0.50
Lab Sample ID: 180-154813-4

Date Collected: 04/07/23 10:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0046 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 18:42	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 09:44	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.0 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/17/23 22:02	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.73 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 14:49	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.66 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:40	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV53-0.50-1.50
Lab Sample ID: 180-154813-5

Date Collected: 04/07/23 10:50
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV53-0.50-1.50
Lab Sample ID: 180-154813-5

Date Collected: 04/07/23 10:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0306 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 19:05	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 10:06	VVP	EET PIT
	Instrument ID: CH733									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV53-0.50-1.50
Lab Sample ID: 180-154813-5
Date Collected: 04/07/23 10:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.2 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/17/23 22:20	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.76 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 14:54	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.68 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:41	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV54-0-0.17
Lab Sample ID: 180-154813-6
Date Collected: 04/07/23 10:55
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV54-0-0.17
Lab Sample ID: 180-154813-6
Date Collected: 04/07/23 10:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0062 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 19:28	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 10:28	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.1 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/17/23 22:39	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.72 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 14:59	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:47	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP18
Lab Sample ID: 180-154813-7
Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP18
Lab Sample ID: 180-154813-7
Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2265 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 19:50	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.5 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		2	1 mL	1 mL	432397	04/15/23 10:50	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.0 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/17/23 22:57	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.69 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 15:04	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:48	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV54-0.17-0.75
Lab Sample ID: 180-154813-8
Date Collected: 04/07/23 11:00
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV54-0.17-0.75
Lab Sample ID: 180-154813-8
Date Collected: 04/07/23 11:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 73.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0023 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 12:32	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		3	1 mL	1 mL	432397	04/15/23 11:12	VVP	EET PIT
	Instrument ID: CH733									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV54-0.17-0.75
Lab Sample ID: 180-154813-8

Date Collected: 04/07/23 11:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 73.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.2 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/17/23 23:16	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.77 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 15:09	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.77 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		5			434338	05/04/23 10:34	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.69 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:49	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV54-0.75-1.75
Lab Sample ID: 180-154813-9

Date Collected: 04/07/23 11:05
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV54-0.75-1.75
Lab Sample ID: 180-154813-9

Date Collected: 04/07/23 11:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 74.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1305 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 12:55	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 11:34	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.5 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/17/23 23:35	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.67 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 15:14	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.66 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:50	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV55-0-0.17
Lab Sample ID: 180-154813-10
Date Collected: 04/07/23 11:10
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV55-0-0.17
Lab Sample ID: 180-154813-10
Date Collected: 04/07/23 11:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3306 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 13:18	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.3 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 11:56	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.2 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/18/23 00:31	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.76 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 15:29	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.65 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:51	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV55-0.17-1
Lab Sample ID: 180-154813-11
Date Collected: 04/07/23 11:15
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV55-0.17-1
Lab Sample ID: 180-154813-11
Date Collected: 04/07/23 11:15
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.4608 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 13:45	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 12:18	VVP	EET PIT
	Instrument ID: CH733									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV55-0.17-1
Lab Sample ID: 180-154813-11
Date Collected: 04/07/23 11:15
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.4 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/18/23 00:49	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.72 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 15:34	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:52	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV55-1-2
Lab Sample ID: 180-154813-12
Date Collected: 04/07/23 11:20
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV55-1-2
Lab Sample ID: 180-154813-12
Date Collected: 04/07/23 11:20
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3928 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 14:08	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 12:40	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.4 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/18/23 01:08	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.69 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 15:39	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:53	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV56-0-0.67
Lab Sample ID: 180-154813-13

Date Collected: 04/07/23 11:25
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV56-0-0.67
Lab Sample ID: 180-154813-13

Date Collected: 04/07/23 11:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 73.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0304 g	5 mL	432667	04/18/23 18:30	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 21:14	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 13:02	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.5 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/18/23 01:26	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.68 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 15:44	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.67 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:54	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV56-0.67-1.67
Lab Sample ID: 180-154813-14

Date Collected: 04/07/23 11:30
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV56-0.67-1.67
Lab Sample ID: 180-154813-14

Date Collected: 04/07/23 11:30
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3346 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 15:00	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.3 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 13:24	VVP	EET PIT
	Instrument ID: CH733									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV56-0.67-1.67
Lab Sample ID: 180-154813-14
Date Collected: 04/07/23 11:30
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.3 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/18/23 04:11	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.77 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 15:49	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.66 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:55	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV57-0-0.17
Lab Sample ID: 180-154813-15
Date Collected: 04/07/23 11:35
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV57-0-0.17
Lab Sample ID: 180-154813-15
Date Collected: 04/07/23 11:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 78.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.4237 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 15:23	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 13:47	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.0 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/18/23 04:30	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.71 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 15:54	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.68 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 13:00	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV57-0.17-0.83
Lab Sample ID: 180-154813-16
Date Collected: 04/07/23 11:40
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV57-0.17-0.83
Lab Sample ID: 180-154813-16
Date Collected: 04/07/23 11:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0645 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 15:46	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 14:09	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.2 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/18/23 04:48	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.69 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 15:59	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.61 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 13:01	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83
Lab Sample ID: 180-154813-17
Date Collected: 04/07/23 11:45
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83
Lab Sample ID: 180-154813-17
Date Collected: 04/07/23 11:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1627 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 16:08	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 14:31	VVP	EET PIT
	Instrument ID: CH733									

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83
Lab Sample ID: 180-154813-17

Date Collected: 04/07/23 11:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.5 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/18/23 05:07	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.54 g	50 mL	432525	04/17/23 12:07	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433660	04/27/23 12:39	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.54 g	50 mL	432525	04/17/23 12:07	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433660	04/27/23 14:40	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.54 g	50 mL	432525	04/17/23 12:07	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433957	05/01/23 13:38	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 13:02	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP19
Lab Sample ID: 180-154813-18

Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP19
Lab Sample ID: 180-154813-18

Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 77.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 14:53	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.2 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/18/23 05:25	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.95 g	50 mL	432525	04/17/23 12:07	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433660	04/27/23 13:03	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.95 g	50 mL	432525	04/17/23 12:07	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433957	05/01/23 13:58	RJG	EET PIT
	Instrument ID: Q									

Client Sample ID: SSHS-IRM5A2-SCV-DUP19
Lab Sample ID: 180-154813-18
Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 77.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.66 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 13:03	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Lab Sample ID: 180-154813-19
Date Collected: 04/07/23 11:50
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Lab Sample ID: 180-154813-19
Date Collected: 04/07/23 11:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3398 g	5 mL	432667	04/18/23 07:04	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432587	04/18/23 16:31	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		2	1 mL	1 mL	432397	04/15/23 15:15	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.3 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/18/23 05:44	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.80 g	50 mL	432525	04/17/23 12:07	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433660	04/27/23 13:09	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.80 g	50 mL	432525	04/17/23 12:07	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433957	05/01/23 14:03	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 13:04	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Lab Sample ID: 180-154813-20
Date Collected: 04/07/23 11:55
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			431834	04/10/23 13:21	CMR	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Lab Sample ID: 180-154813-20
Date Collected: 04/07/23 11:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0304 g	5 mL	432544	04/17/23 07:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432477	04/17/23 11:35	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.5 g	5.0 mL	432336	04/14/23 09:48	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432397	04/15/23 07:56	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.2 g	20.0 mL	432126	04/12/23 16:48	JSM	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432152	04/13/23 04:37	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432153	04/13/23 04:38	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432501	04/17/23 20:10	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.66 g	50 mL	431949	04/11/23 11:57	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 17:03	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.66 g	50 mL	431949	04/11/23 11:57	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433520	04/26/23 15:54	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.50 g	50 mL	433398	04/26/23 07:47	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433660	04/27/23 10:48	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433467	04/27/23 08:35	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			433778	04/28/23 12:32	MTW	EET PIT
	Instrument ID: HGZ									

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: EET PIT

Batch Type: Cleanup

JMO = John Oravec

Batch Type: Prep

AAS = Arianna Swick
HCY = Harrison Yaeger
JBP = Jack Prothero
JSM = Joseph Moore
MTW = Michael Wesoloski
PJJ = Patrick Journet

Batch Type: Analysis

CMR = Carl Reagle
JMO = John Oravec
MTW = Michael Wesoloski
PJJ = Patrick Journet
RJG = Rob Good
VVP = Vincent Piccolino

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV51-0.50-1.50
Lab Sample ID: 180-154813-1
Date Collected: 04/07/23 10:30
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Benzene	ND		5.5	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
2-Butanone (MEK)	ND		5.5	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,2-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,4-Dichlorobenzene	ND		5.5	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Dichlorodifluoromethane	ND	*+	5.5	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Isopropylbenzene	ND		5.5	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Methyl acetate	ND	*+	27	8.1	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Methylcyclohexane	ND		5.5	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Methylene Chloride	ND	*+	5.5	4.9	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
m-Xylene & p-Xylene	ND		5.5	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Styrene	ND		5.5	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1

Client Sample ID: SSHS-IRM5A2-SCV51-0.50-1.50
Date Collected: 04/07/23 10:30
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-1
Matrix: Solid
Percent Solids: 90.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Trichlorofluoromethane	ND		5.5	4.6	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Vinyl chloride	ND		5.5	4.0	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1
Xylenes, Total	ND		11	7.9	ug/Kg	☼	04/17/23 07:00	04/17/23 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*60 - 124*	*04/17/23 07:00*	*04/17/23 14:55*	*1*
Dibromofluoromethane (Surr)	*110*		*69 - 126*	*04/17/23 07:00*	*04/17/23 14:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*73 - 135*	*04/17/23 07:00*	*04/17/23 14:55*	*1*
Toluene-d8 (Surr)	*96*		*67 - 134*	*04/17/23 07:00*	*04/17/23 14:55*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Acenaphthylene	ND		74	16	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Acetophenone	ND		740	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Anthracene	ND		74	19	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Atrazine	ND		740	160	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Benzo[a]anthracene	ND		74	33	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Benzo[a]pyrene	**35**	**J**	74	32	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Benzo[b]fluoranthene	**46**	**J**	74	18	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Benzo[g,h,i]perylene	**21**	**J**	74	16	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Benzo[k]fluoranthene	ND		74	22	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Carbazole	ND		74	17	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Chrysene	ND		74	41	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1

Client Sample ID: SSHS-IRM5A2-SCV51-0.50-1.50
Date Collected: 04/07/23 10:30
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-1
Matrix: Solid
Percent Solids: 90.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Fluoranthene	**50**	**J**	74	19	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Fluorene	ND		74	14	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Indeno[1,2,3-cd]pyrene	ND		74	37	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Isophorone	ND		360	140	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Naphthalene	ND		74	14	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Phenanthrene	**20**	**J**	74	20	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Phenol	ND		360	110	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
Pyrene	**44**	**J**	74	17	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/19/23 11:35	04/20/23 10:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*44 - 105*	*04/19/23 11:35*	*04/20/23 10:35*	*1*
2-Fluorophenol (Surr)	*62*		*48 - 105*	*04/19/23 11:35*	*04/20/23 10:35*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*	*04/19/23 11:35*	*04/20/23 10:35*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*04/19/23 11:35*	*04/20/23 10:35*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*04/19/23 11:35*	*04/20/23 10:35*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*34 - 108*	*04/19/23 11:35*	*04/20/23 10:35*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	04/12/23 16:48	04/17/23 21:06	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/12/23 16:48	04/17/23 21:06	1
PCB-1232	ND		18	4.5	ug/Kg	☼	04/12/23 16:48	04/17/23 21:06	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/12/23 16:48	04/17/23 21:06	1
PCB-1248	**55**		18	4.4	ug/Kg	☼	04/12/23 16:48	04/17/23 21:06	1
PCB-1254	**42**		18	5.5	ug/Kg	☼	04/12/23 16:48	04/17/23 21:06	1
PCB-1260	ND		18	5.2	ug/Kg	☼	04/12/23 16:48	04/17/23 21:06	1

Client Sample ID: SSHS-IRM5A2-SCV51-0.50-1.50

Lab Sample ID: 180-154813-1

Date Collected: 04/07/23 10:30
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.6

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		18	6.5	ug/Kg	☼	04/12/23 16:48	04/17/23 21:06	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/12/23 16:48	04/17/23 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*102*		*63 - 138*	*04/12/23 16:48*	*04/17/23 21:06*	*1*
DCB Decachlorobiphenyl (Surr)	*102*		*63 - 138*	*04/12/23 16:48*	*04/17/23 21:06*	*1*
Tetrachloro-m-xylene (Surr)	*108*		*55 - 135*	*04/12/23 16:48*	*04/17/23 21:06*	*1*
Tetrachloro-m-xylene (Surr)	*112*		*55 - 135*	*04/12/23 16:48*	*04/17/23 21:06*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6500**		16	3.9	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Antimony	ND		0.78	0.24	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Arsenic	**8.9**		0.78	0.49	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Barium	**53**		16	2.8	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Beryllium	**0.33**		0.31	0.085	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Cadmium	**0.54**		0.39	0.057	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Calcium	**9500**		390	50	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Chromium	**9.9**		0.39	0.35	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Cobalt	**6.7**		3.9	0.55	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Copper	**28**		1.9	1.2	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Iron	**18000**		7.8	7.6	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Lead	**28**		0.78	0.68	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Magnesium	**2600**		390	43	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Manganese	**380**		1.2	0.22	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Nickel	**19**		3.1	0.39	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Potassium	**540**		390	66	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Selenium	ND		0.78	0.36	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Silver	ND		0.39	0.081	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Sodium	**88**	**J**	390	40	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Thallium	ND		1.6	0.22	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Vanadium	**14**		3.9	0.61	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1
Zinc	**100**	**B**	1.6	1.1	mg/Kg	☼	05/01/23 11:30	05/03/23 14:34	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.060**		0.032	0.021	mg/Kg	☼	04/27/23 08:35	04/28/23 12:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**9.4**		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	**90.6**		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV52-0-0.50

Lab Sample ID: 180-154813-2

Date Collected: 04/07/23 10:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.1	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Benzene	ND		5.2	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV52-0-0.50
Lab Sample ID: 180-154813-2
Date Collected: 04/07/23 10:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.2	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Bromomethane	ND		5.2	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
2-Butanone (MEK)	ND		5.2	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Carbon disulfide	ND		5.2	4.2	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Carbon tetrachloride	ND		5.2	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Chlorobenzene	ND		5.2	1.4	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Chlorobromomethane	ND		5.2	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Chlorodibromomethane	ND		5.2	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Chloroethane	ND		5.2	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Chloroform	ND		5.2	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Chloromethane	ND		5.2	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
cis-1,2-Dichloroethene	ND		5.2	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
cis-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Cyclohexane	ND		5.2	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,2-Dibromo-3-Chloropropane	ND		5.2	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,2-Dibromoethane	ND		5.2	1.4	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,2-Dichlorobenzene	ND		5.2	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,3-Dichlorobenzene	ND		5.2	3.2	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,4-Dichlorobenzene	ND		5.2	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Dichlorobromomethane	ND		5.2	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Dichlorodifluoromethane	ND	*+	5.2	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,1-Dichloroethane	ND		5.2	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,2-Dichloroethane	ND		5.2	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,1-Dichloroethene	ND		5.2	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,2-Dichloroethene, Total	ND		10	4.2	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,2-Dichloropropane	ND		5.2	1.4	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,4-Dioxane	ND		1000	37	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Ethylbenzene	ND		5.2	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
2-Hexanone	ND		5.2	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Isopropylbenzene	ND		5.2	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Methyl acetate	ND	*+	26	7.7	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Methylcyclohexane	ND		5.2	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Methylene Chloride	ND	*+	5.2	4.7	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.2	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Methyl tert-butyl ether	ND		5.2	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
m-Xylene & p-Xylene	ND		5.2	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
o-Xylene	ND		5.2	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Styrene	ND		5.2	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,1,2,2-Tetrachloroethane	ND		5.2	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Tetrachloroethene	ND		5.2	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Toluene	ND		5.2	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
trans-1,2-Dichloroethene	ND		5.2	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
trans-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,2,3-Trichlorobenzene	ND		5.2	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,2,4-Trichlorobenzene	ND		5.2	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,1,1-Trichloroethane	ND		5.2	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
1,1,2-Trichloroethane	ND		5.2	1.0	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Trichloroethene	ND		5.2	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Trichlorofluoromethane	ND		5.2	4.3	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1

Client Sample ID: SSHS-IRM5A2-SCV52-0-0.50
Date Collected: 04/07/23 10:35
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-2
Matrix: Solid
Percent Solids: 90.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Vinyl chloride	ND		5.2	3.7	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1
Xylenes, Total	ND		10	7.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*60 - 124*	*04/17/23 07:00*	*04/17/23 16:03*	*1*
Dibromofluoromethane (Surr)	*105*		*69 - 126*	*04/17/23 07:00*	*04/17/23 16:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*73 - 135*	*04/17/23 07:00*	*04/17/23 16:03*	*1*
Toluene-d8 (Surr)	*88*		*67 - 134*	*04/17/23 07:00*	*04/17/23 16:03*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Acenaphthylene	**120**		74	16	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Acetophenone	ND		740	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Anthracene	**99**		74	19	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Atrazine	ND		740	160	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Benzo[a]anthracene	**280**		74	33	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Benzo[a]pyrene	**300**		74	32	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Benzo[b]fluoranthene	**580**		74	18	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Benzo[g,h,i]perylene	**310**		74	16	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Benzo[k]fluoranthene	**160**		74	22	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Carbazole	**48**	**J**	74	17	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Chrysene	**460**		74	41	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Dibenz(a,h)anthracene	**79**		74	47	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Di-n-butyl phthalate	**200**	**J**	360	160	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1

Client Sample ID: SSHS-IRM5A2-SCV52-0-0.50
Lab Sample ID: 180-154813-2
Date Collected: 04/07/23 10:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Fluoranthene	**510**		74	19	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Fluorene	**19**	**J**	74	14	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Hexachlorobutadiene	ND		74	21	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Indeno[1,2,3-cd]pyrene	**250**		74	37	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Isophorone	ND		360	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2-Methylnaphthalene	**97**		74	18	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Naphthalene	**160**		74	14	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
3-Nitroaniline	ND		1900	93	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Phenanthrene	**190**		74	20	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Phenol	ND		360	110	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
Pyrene	**480**		74	17	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*44 - 105*	*04/14/23 09:48*	*04/15/23 09:01*	*1*
2-Fluorophenol (Surr)	*65*		*48 - 105*	*04/14/23 09:48*	*04/15/23 09:01*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*04/14/23 09:48*	*04/15/23 09:01*	*1*
Phenol-d5 (Surr)	*68*		*46 - 105*	*04/14/23 09:48*	*04/15/23 09:01*	*1*
Terphenyl-d14 (Surr)	*67*		*39 - 105*	*04/14/23 09:48*	*04/15/23 09:01*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*34 - 108*	*04/14/23 09:48*	*04/15/23 09:01*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	04/12/23 16:48	04/17/23 21:24	1
PCB-1221	ND		18	6.5	ug/Kg	☼	04/12/23 16:48	04/17/23 21:24	1
PCB-1232	ND		18	4.5	ug/Kg	☼	04/12/23 16:48	04/17/23 21:24	1
PCB-1242	ND		18	2.7	ug/Kg	☼	04/12/23 16:48	04/17/23 21:24	1
PCB-1248	**100**		18	4.4	ug/Kg	☼	04/12/23 16:48	04/17/23 21:24	1
PCB-1254	**78**		18	5.5	ug/Kg	☼	04/12/23 16:48	04/17/23 21:24	1
PCB-1260	**20**		18	5.3	ug/Kg	☼	04/12/23 16:48	04/17/23 21:24	1
PCB-1262	ND		18	6.5	ug/Kg	☼	04/12/23 16:48	04/17/23 21:24	1
PCB-1268	ND		18	2.5	ug/Kg	☼	04/12/23 16:48	04/17/23 21:24	1

Client Sample ID: SSHS-IRM5A2-SCV52-0-0.50

Lab Sample ID: 180-154813-2

Date Collected: 04/07/23 10:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 90.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*	*04/12/23 16:48*	*04/17/23 21:24*	*1*
DCB Decachlorobiphenyl (Surr)	*102*		*63 - 138*	*04/12/23 16:48*	*04/17/23 21:24*	*1*
Tetrachloro-m-xylene (Surr)	*109*		*55 - 135*	*04/12/23 16:48*	*04/17/23 21:24*	*1*
Tetrachloro-m-xylene (Surr)	*113*		*55 - 135*	*04/12/23 16:48*	*04/17/23 21:24*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9000		16	4.0	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Antimony	0.31	J	0.79	0.24	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Arsenic	13		0.79	0.50	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Barium	140		16	2.8	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Beryllium	0.71		0.32	0.086	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Cadmium	1.5		0.40	0.058	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Calcium	5400		400	51	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Chromium	16		0.40	0.36	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Cobalt	10		4.0	0.56	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Copper	61		2.0	1.2	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Iron	22000		7.9	7.7	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Lead	270		0.79	0.69	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Magnesium	2200		400	43	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Manganese	490		1.2	0.22	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Nickel	25		3.2	0.40	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Potassium	790		400	67	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Selenium	0.74	J	0.79	0.37	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Silver	ND		0.40	0.082	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Sodium	51	J	400	41	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Thallium	ND		1.6	0.22	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Vanadium	16		4.0	0.63	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1
Zinc	340	B	1.6	1.1	mg/Kg	☼	05/01/23 11:30	05/03/23 14:39	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.34		0.037	0.024	mg/Kg	☼	04/27/23 08:35	04/28/23 12:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	9.8		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	90.2		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV52-0.50-1.50

Lab Sample ID: 180-154813-3

Date Collected: 04/07/23 10:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 92.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	4.0	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Benzene	ND		5.1	1.4	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Bromoform	ND		5.1	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Bromomethane	ND		5.1	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
2-Butanone (MEK)	ND		5.1	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Carbon disulfide	ND		5.1	4.1	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV52-0.50-1.50
Lab Sample ID: 180-154813-3
Date Collected: 04/07/23 10:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 92.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		5.1	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Chlorobenzene	ND		5.1	1.3	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Chlorobromomethane	ND		5.1	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Chlorodibromomethane	ND		5.1	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Chloroethane	ND		5.1	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Chloroform	ND		5.1	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Chloromethane	ND		5.1	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
cis-1,2-Dichloroethene	ND		5.1	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
cis-1,3-Dichloropropene	ND		5.1	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Cyclohexane	ND		5.1	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,2-Dibromo-3-Chloropropane	ND		5.1	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,2-Dibromoethane	ND		5.1	1.4	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,2-Dichlorobenzene	ND		5.1	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,3-Dichlorobenzene	ND		5.1	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,4-Dichlorobenzene	ND		5.1	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Dichlorobromomethane	ND		5.1	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Dichlorodifluoromethane	ND	*+	5.1	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,1-Dichloroethane	ND		5.1	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,2-Dichloroethane	ND		5.1	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,1-Dichloroethene	ND		5.1	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,2-Dichloroethene, Total	ND		10	4.2	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,2-Dichloropropane	ND		5.1	1.4	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,4-Dioxane	ND		1000	36	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Ethylbenzene	ND		5.1	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
2-Hexanone	ND		5.1	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Isopropylbenzene	ND		5.1	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Methyl acetate	ND	*+	25	7.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Methylcyclohexane	ND		5.1	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Methylene Chloride	ND	*+	5.1	4.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.1	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Methyl tert-butyl ether	ND		5.1	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
m-Xylene & p-Xylene	ND		5.1	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
o-Xylene	ND		5.1	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Styrene	ND		5.1	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,1,2,2-Tetrachloroethane	ND		5.1	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Tetrachloroethene	ND		5.1	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Toluene	ND		5.1	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
trans-1,2-Dichloroethene	ND		5.1	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
trans-1,3-Dichloropropene	ND		5.1	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,2,3-Trichlorobenzene	ND		5.1	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,2,4-Trichlorobenzene	ND		5.1	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,1,1-Trichloroethane	ND		5.1	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,1,2-Trichloroethane	ND		5.1	1.0	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Trichloroethene	ND		5.1	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Trichlorofluoromethane	ND		5.1	4.2	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.1	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Vinyl chloride	ND		5.1	3.7	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1
Xylenes, Total	ND		10	7.3	ug/Kg	☼	04/17/23 07:00	04/17/23 16:26	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV52-0.50-1.50
Lab Sample ID: 180-154813-3
Date Collected: 04/07/23 10:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 92.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*107*		*60 - 124*	*04/17/23 07:00*	*04/17/23 16:26*	*1*
Dibromofluoromethane (Surr)	*125*		*69 - 126*	*04/17/23 07:00*	*04/17/23 16:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*138*	*S1+*	*73 - 135*	*04/17/23 07:00*	*04/17/23 16:26*	*1*
Toluene-d8 (Surr)	*103*		*67 - 134*	*04/17/23 07:00*	*04/17/23 16:26*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		70	20	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Acenaphthylene	ND		70	15	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Acetophenone	ND		700	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Anthracene	ND		70	18	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Atrazine	ND		700	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Benzaldehyde	ND		700	44	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Benzo[a]anthracene	**34**	**J**	70	32	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Benzo[a]pyrene	**31**	**J**	70	30	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Benzo[b]fluoranthene	**51**	**J**	70	17	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Benzo[g,h,i]perylene	**31**	**J**	70	15	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Benzo[k]fluoranthene	**22**	**J**	70	21	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
1,1'-Biphenyl	ND		350	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Bis(2-chloroethoxy)methane	ND		350	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Bis(2-chloroethyl)ether	ND		70	13	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Bis(2-ethylhexyl) phthalate	ND		3500	370	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
4-Bromophenyl phenyl ether	ND		350	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Butyl benzyl phthalate	ND		350	240	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Caprolactam	ND		1800	230	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Carbazole	ND		70	16	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
4-Chloroaniline	ND		350	92	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
4-Chloro-3-methylphenol	ND		350	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2-Chloronaphthalene	ND		70	16	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2-Chlorophenol	ND		350	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
4-Chlorophenyl phenyl ether	ND		350	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Chrysene	**47**	**J**	70	39	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Dibenz(a,h)anthracene	ND		70	45	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Dibenzofuran	ND		350	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
3,3'-Dichlorobenzidine	ND		350	330	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2,4-Dichlorophenol	ND		70	27	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Diethyl phthalate	ND		350	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2,4-Dimethylphenol	ND		350	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Dimethyl phthalate	ND		350	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Di-n-butyl phthalate	**250**	**J**	350	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
4,6-Dinitro-2-methylphenol	ND		1800	600	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2,4-Dinitrophenol	ND		3500	2200	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2,4-Dinitrotoluene	ND		350	210	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2,6-Dinitrotoluene	ND		350	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Di-n-octyl phthalate	ND		350	200	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
1,4-Dioxane	ND		700	110	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Fluoranthene	**47**	**J**	70	19	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Fluorene	ND		70	14	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Hexachlorobenzene	ND		70	25	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Hexachlorobutadiene	ND		70	21	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1

Client Sample ID: SSHS-IRM5A2-SCV52-0.50-1.50
Date Collected: 04/07/23 10:40
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-3
Matrix: Solid
Percent Solids: 92.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		350	36	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Hexachloroethane	ND		350	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Indeno[1,2,3-cd]pyrene	ND		70	35	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Isophorone	ND		350	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2-Methylnaphthalene	**17**	**J**	70	17	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2-Methylphenol	ND		350	100	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Methylphenol, 3 & 4	ND		350	100	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Naphthalene	**20**	**J**	70	14	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2-Nitroaniline	ND		1800	160	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
3-Nitroaniline	ND		1800	89	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
4-Nitroaniline	ND		1800	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Nitrobenzene	ND		700	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2-Nitrophenol	ND		350	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
4-Nitrophenol	ND		1800	250	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
N-Nitrosodi-n-propylamine	ND		70	24	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
N-Nitrosodiphenylamine	ND		350	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2,2'-oxybis[1-chloropropane]	ND		70	26	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Pentachlorophenol	ND		1800	560	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Phenanthrene	**24**	**J**	70	19	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Phenol	ND		350	110	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
Pyrene	**47**	**J**	70	17	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
1,2,4,5-Tetrachlorobenzene	ND		350	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2,3,4,6-Tetrachlorophenol	ND		350	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2,4,5-Trichlorophenol	ND		350	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1
2,4,6-Trichlorophenol	ND		350	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*04/14/23 09:48*	*04/15/23 09:22*	*1*
2-Fluorophenol (Surr)	*81*		*48 - 105*	*04/14/23 09:48*	*04/15/23 09:22*	*1*
Nitrobenzene-d5 (Surr)	*82*		*46 - 105*	*04/14/23 09:48*	*04/15/23 09:22*	*1*
Phenol-d5 (Surr)	*82*		*46 - 105*	*04/14/23 09:48*	*04/15/23 09:22*	*1*
Terphenyl-d14 (Surr)	*77*		*39 - 105*	*04/14/23 09:48*	*04/15/23 09:22*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*34 - 108*	*04/14/23 09:48*	*04/15/23 09:22*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.7	ug/Kg	☼	04/12/23 16:48	04/17/23 21:43	1
PCB-1221	ND		17	6.2	ug/Kg	☼	04/12/23 16:48	04/17/23 21:43	1
PCB-1232	ND		17	4.2	ug/Kg	☼	04/12/23 16:48	04/17/23 21:43	1
PCB-1242	ND		17	2.5	ug/Kg	☼	04/12/23 16:48	04/17/23 21:43	1
PCB-1248	ND		17	4.2	ug/Kg	☼	04/12/23 16:48	04/17/23 21:43	1
PCB-1254	**24**		17	5.2	ug/Kg	☼	04/12/23 16:48	04/17/23 21:43	1
PCB-1260	ND		17	5.0	ug/Kg	☼	04/12/23 16:48	04/17/23 21:43	1
PCB-1262	ND		17	6.1	ug/Kg	☼	04/12/23 16:48	04/17/23 21:43	1
PCB-1268	ND		17	2.3	ug/Kg	☼	04/12/23 16:48	04/17/23 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*95*		*63 - 138*	*04/12/23 16:48*	*04/17/23 21:43*	*1*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*	*04/12/23 16:48*	*04/17/23 21:43*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*55 - 135*	*04/12/23 16:48*	*04/17/23 21:43*	*1*

Client Sample ID: SSHS-IRM5A2-SCV52-0.50-1.50

Lab Sample ID: 180-154813-3

Date Collected: 04/07/23 10:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 92.6

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*105*		*55 - 135*	*04/12/23 16:48*	*04/17/23 21:43*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8600**		15	3.8	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Antimony	ND		0.77	0.23	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Arsenic	**7.0**		0.77	0.48	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Barium	**73**		15	2.7	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Beryllium	**0.42**		0.31	0.084	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Cadmium	**0.54**		0.39	0.057	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Calcium	**2000**		390	50	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Chromium	**11**		0.39	0.35	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Cobalt	**7.0**		3.9	0.54	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Copper	**42**		1.9	1.2	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Iron	**20000**		7.7	7.5	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Lead	**51**		0.77	0.67	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Magnesium	**2300**		390	42	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Manganese	**400**		1.2	0.21	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Nickel	**21**		3.1	0.39	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Potassium	**590**		390	66	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Selenium	ND		0.77	0.36	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Silver	ND		0.39	0.080	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Sodium	ND		390	39	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Thallium	ND		1.5	0.22	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Vanadium	**14**		3.9	0.61	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1
Zinc	**140**	**B**	1.5	1.1	mg/Kg	☼	05/01/23 11:30	05/03/23 14:44	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.031	0.020	mg/Kg	☼	04/27/23 08:35	04/28/23 12:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**7.4**		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	**92.6**		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV53-0-0.50

Lab Sample ID: 180-154813-4

Date Collected: 04/07/23 10:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.7	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Benzene	ND		6.0	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Bromomethane	ND		6.0	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
2-Butanone (MEK)	ND		6.0	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Carbon disulfide	ND		6.0	4.8	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Carbon tetrachloride	ND		6.0	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Chlorobenzene	ND		6.0	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV53-0-0.50
Lab Sample ID: 180-154813-4
Date Collected: 04/07/23 10:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		6.0	3.6	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Chlorodibromomethane	ND		6.0	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Chloroethane	ND		6.0	3.5	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Chloroform	ND		6.0	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Chloromethane	ND		6.0	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
cis-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Cyclohexane	ND		6.0	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.9	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,2-Dibromoethane	ND		6.0	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,2-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,3-Dichlorobenzene	ND		6.0	3.7	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Dichlorobromomethane	ND		6.0	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Dichlorodifluoromethane	ND	*+	6.0	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,1-Dichloroethane	ND		6.0	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,2-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,1-Dichloroethene	ND		6.0	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,2-Dichloroethene, Total	ND		12	4.9	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,2-Dichloropropane	ND		6.0	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Ethylbenzene	ND		6.0	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
2-Hexanone	ND		6.0	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Isopropylbenzene	ND		6.0	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Methyl acetate	ND	*+	30	8.8	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Methylcyclohexane	ND		6.0	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Methylene Chloride	ND	*+	6.0	5.4	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
4-Methyl-2-pentanone (MIBK)	ND		6.0	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Methyl tert-butyl ether	ND		6.0	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
m-Xylene & p-Xylene	ND		6.0	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
o-Xylene	ND		6.0	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Styrene	ND		6.0	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Tetrachloroethene	ND		6.0	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Toluene	ND		6.0	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
trans-1,2-Dichloroethene	ND		6.0	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
trans-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,2,3-Trichlorobenzene	ND		6.0	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,2,4-Trichlorobenzene	ND		6.0	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,1,1-Trichloroethane	ND		6.0	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,1,2-Trichloroethane	ND		6.0	1.2	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Trichloroethene	ND		6.0	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Trichlorofluoromethane	ND		6.0	5.0	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Vinyl chloride	ND		6.0	4.3	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1
Xylenes, Total	ND		12	8.6	ug/Kg	☼	04/17/23 07:00	04/17/23 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*	*04/17/23 07:00*	*04/17/23 18:42*	*1*
Dibromofluoromethane (Surr)	*117*		*69 - 126*	*04/17/23 07:00*	*04/17/23 18:42*	*1*

Client Sample ID: SSHS-IRM5A2-SCV53-0-0.50
Date Collected: 04/07/23 10:45
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-4
Matrix: Solid
Percent Solids: 83.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*73 - 135*	*04/17/23 07:00*	*04/17/23 18:42*	*1*
Toluene-d8 (Surr)	*104*		*67 - 134*	*04/17/23 07:00*	*04/17/23 18:42*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		80	23	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Acenaphthylene	**54**	**J**	80	17	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Acetophenone	ND		800	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Anthracene	**120**		80	21	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Atrazine	ND		800	170	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Benzaldehyde	ND		800	49	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Benzo[a]anthracene	**150**		80	36	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Benzo[a]pyrene	**140**		80	35	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Benzo[b]fluoranthene	**200**		80	20	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Benzo[g,h,i]perylene	**130**		80	17	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Benzo[k]fluoranthene	**83**		80	24	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
1,1'-Biphenyl	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Bis(2-chloroethoxy)methane	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Bis(2-chloroethyl)ether	ND		80	14	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Carbazole	ND		80	19	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2-Chloronaphthalene	ND		80	18	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Chrysene	**160**		80	44	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Dibenz(a,h)anthracene	ND		80	51	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Dibenzofuran	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2,4-Dichlorophenol	ND		80	31	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Dimethyl phthalate	ND		390	160	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Di-n-butyl phthalate	**330**	**J**	390	170	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
4,6-Dinitro-2-methylphenol	ND		2000	690	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2,4-Dinitrophenol	ND		3900	2500	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2,6-Dinitrotoluene	ND		390	160	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
1,4-Dioxane	ND		800	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Fluoranthene	**170**		80	21	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Fluorene	ND		80	16	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Hexachlorobenzene	ND		80	29	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Hexachlorobutadiene	ND		80	23	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Hexachlorocyclopentadiene	ND		390	41	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV53-0-0.50
Lab Sample ID: 180-154813-4
Date Collected: 04/07/23 10:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Indeno[1,2,3-cd]pyrene	**110**		80	40	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Isophorone	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2-Methylnaphthalene	**52**	**J**	80	19	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Naphthalene	**78**	**J**	80	16	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Nitrobenzene	ND		800	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
N-Nitrosodi-n-propylamine	ND		80	27	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2,2'-oxybis[1-chloropropane]	ND		80	30	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Phenanthrene	**88**		80	21	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Phenol	ND		390	120	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
Pyrene	**200**		80	19	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2,3,4,6-Tetrachlorophenol	ND		390	170	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/14/23 09:48	04/15/23 09:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*44 - 105*	*04/14/23 09:48*	*04/15/23 09:44*	*1*
2-Fluorophenol (Surr)	*91*		*48 - 105*	*04/14/23 09:48*	*04/15/23 09:44*	*1*
Nitrobenzene-d5 (Surr)	*92*		*46 - 105*	*04/14/23 09:48*	*04/15/23 09:44*	*1*
Phenol-d5 (Surr)	*92*		*46 - 105*	*04/14/23 09:48*	*04/15/23 09:44*	*1*
Terphenyl-d14 (Surr)	*90*		*39 - 105*	*04/14/23 09:48*	*04/15/23 09:44*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*34 - 108*	*04/14/23 09:48*	*04/15/23 09:44*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	04/12/23 16:48	04/17/23 22:02	1
PCB-1221	ND		20	7.1	ug/Kg	☼	04/12/23 16:48	04/17/23 22:02	1
PCB-1232	ND		20	4.9	ug/Kg	☼	04/12/23 16:48	04/17/23 22:02	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/12/23 16:48	04/17/23 22:02	1
PCB-1248	**63**		20	4.8	ug/Kg	☼	04/12/23 16:48	04/17/23 22:02	1
PCB-1254	**36**		20	6.0	ug/Kg	☼	04/12/23 16:48	04/17/23 22:02	1
PCB-1260	ND		20	5.7	ug/Kg	☼	04/12/23 16:48	04/17/23 22:02	1
PCB-1262	ND		20	7.0	ug/Kg	☼	04/12/23 16:48	04/17/23 22:02	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/12/23 16:48	04/17/23 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*63*		*63 - 138*	*04/12/23 16:48*	*04/17/23 22:02*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*	*04/12/23 16:48*	*04/17/23 22:02*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*55 - 135*	*04/12/23 16:48*	*04/17/23 22:02*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*55 - 135*	*04/12/23 16:48*	*04/17/23 22:02*	*1*

Client Sample ID: SSHS-IRM5A2-SCV53-0-0.50

Lab Sample ID: 180-154813-4

Date Collected: 04/07/23 10:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.7

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		16	4.1	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Antimony	ND		0.82	0.25	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Arsenic	8.5		0.82	0.51	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Barium	120		16	2.9	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Beryllium	0.59		0.33	0.089	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Cadmium	0.98		0.41	0.060	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Calcium	2300		410	53	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Chromium	13		0.41	0.37	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Cobalt	10		4.1	0.58	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Copper	25		2.0	1.2	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Iron	20000		8.2	8.0	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Lead	75		0.82	0.71	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Magnesium	2600		410	45	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Manganese	540		1.2	0.23	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Nickel	24		3.3	0.41	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Potassium	900		410	70	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Selenium	ND		0.82	0.38	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Silver	ND		0.41	0.085	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Sodium	56	J	410	42	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Thallium	ND		1.6	0.23	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Vanadium	14		4.1	0.65	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1
Zinc	140	B	1.6	1.2	mg/Kg	☼	05/01/23 11:30	05/03/23 14:49	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.28		0.036	0.023	mg/Kg	☼	04/27/23 08:35	04/28/23 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	16.3		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	83.7		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV53-0.50-1.50

Lab Sample ID: 180-154813-5

Date Collected: 04/07/23 10:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
2-Butanone (MEK)	ND		5.7	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Carbon disulfide	ND		5.7	4.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Chloroethane	ND		5.7	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Chloroform	ND		5.7	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV53-0.50-1.50
Lab Sample ID: 180-154813-5
Date Collected: 04/07/23 10:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Dichlorobromomethane	ND		5.7	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Dichlorodifluoromethane	ND	*+	5.7	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,2-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Methyl acetate	ND	*+	28	8.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Methylcyclohexane	ND		5.7	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Methylene Chloride	ND	*+	5.7	5.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Toluene	ND		5.7	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,2,3-Trichlorobenzene	ND		5.7	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Trichlorofluoromethane	ND		5.7	4.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1
Xylenes, Total	ND		11	8.2	ug/Kg	☼	04/17/23 07:00	04/17/23 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*	*04/17/23 07:00*	*04/17/23 19:05*	*1*
Dibromofluoromethane (Surr)	*117*		*69 - 126*	*04/17/23 07:00*	*04/17/23 19:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*		*73 - 135*	*04/17/23 07:00*	*04/17/23 19:05*	*1*
Toluene-d8 (Surr)	*96*		*67 - 134*	*04/17/23 07:00*	*04/17/23 19:05*	*1*

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV53-0.50-1.50
Lab Sample ID: 180-154813-5
Date Collected: 04/07/23 10:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Acenaphthylene	**39**	**J**	76	16	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Acetophenone	ND		760	130	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Anthracene	**180**		76	20	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Atrazine	ND		760	160	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Benzaldehyde	ND		760	47	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Benzo[a]anthracene	**67**	**J**	76	34	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Benzo[a]pyrene	**61**	**J**	76	33	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Benzo[b]fluoranthene	**93**		76	19	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Benzo[g,h,i]perylene	**59**	**J**	76	16	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Benzo[k]fluoranthene	**35**	**J**	76	23	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Bis(2-chloroethyl)ether	ND		76	14	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Butyl benzyl phthalate	ND		370	260	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Caprolactam	ND		1900	250	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Carbazole	ND		76	18	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Chrysene	**92**		76	42	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Dibenzofuran	ND		370	140	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Dimethyl phthalate	ND		370	150	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Di-n-butyl phthalate	**320**	**J**	370	160	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
1,4-Dioxane	ND		760	120	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Fluoranthene	**90**		76	20	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Fluorene	ND		76	15	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Hexachlorocyclopentadiene	ND		370	39	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Hexachloroethane	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Indeno[1,2,3-cd]pyrene	**47**	**J**	76	38	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Isophorone	ND		370	140	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2-Methylnaphthalene	**62**	**J**	76	18	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2-Methylphenol	ND		370	110	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV53-0.50-1.50
Lab Sample ID: 180-154813-5
Date Collected: 04/07/23 10:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Naphthalene	**59**	**J**	76	15	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Nitrobenzene	ND		760	140	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Phenanthrene	**82**		76	20	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Phenol	ND		370	110	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
Pyrene	**100**		76	18	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/14/23 09:48*	*04/15/23 10:06*	*1*
2-Fluorophenol (Surr)	*75*		*48 - 105*	*04/14/23 09:48*	*04/15/23 10:06*	*1*
Nitrobenzene-d5 (Surr)	*79*		*46 - 105*	*04/14/23 09:48*	*04/15/23 10:06*	*1*
Phenol-d5 (Surr)	*77*		*46 - 105*	*04/14/23 09:48*	*04/15/23 10:06*	*1*
Terphenyl-d14 (Surr)	*74*		*39 - 105*	*04/14/23 09:48*	*04/15/23 10:06*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*34 - 108*	*04/14/23 09:48*	*04/15/23 10:06*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	04/12/23 16:48	04/17/23 22:20	1
PCB-1221	ND		19	6.7	ug/Kg	☼	04/12/23 16:48	04/17/23 22:20	1
PCB-1232	ND		19	4.6	ug/Kg	☼	04/12/23 16:48	04/17/23 22:20	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/12/23 16:48	04/17/23 22:20	1
PCB-1248	**98**		19	4.5	ug/Kg	☼	04/12/23 16:48	04/17/23 22:20	1
PCB-1254	**37**		19	5.7	ug/Kg	☼	04/12/23 16:48	04/17/23 22:20	1
PCB-1260	ND		19	5.4	ug/Kg	☼	04/12/23 16:48	04/17/23 22:20	1
PCB-1262	ND		19	6.6	ug/Kg	☼	04/12/23 16:48	04/17/23 22:20	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/12/23 16:48	04/17/23 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*04/12/23 16:48*	*04/17/23 22:20*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*04/12/23 16:48*	*04/17/23 22:20*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*55 - 135*	*04/12/23 16:48*	*04/17/23 22:20*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*55 - 135*	*04/12/23 16:48*	*04/17/23 22:20*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8700**		15	3.8	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Antimony	ND		0.75	0.23	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1

Client Sample ID: SSHS-IRM5A2-SCV53-0.50-1.50

Lab Sample ID: 180-154813-5
Date Collected: 04/07/23 10:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 87.3

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.8		0.75	0.47	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Barium	86		15	2.7	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Beryllium	0.49		0.30	0.082	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Cadmium	0.92		0.38	0.055	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Calcium	2100		380	49	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Chromium	12		0.38	0.34	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Cobalt	8.7		3.8	0.53	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Copper	38		1.9	1.1	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Iron	19000		7.5	7.3	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Lead	110		0.75	0.66	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Magnesium	2100		380	41	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Manganese	470		1.1	0.21	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Nickel	23		3.0	0.38	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Potassium	550		380	64	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Selenium	ND		0.75	0.35	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Silver	ND		0.38	0.078	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Sodium	51	J	380	39	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Thallium	ND		1.5	0.21	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Vanadium	15		3.8	0.60	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1
Zinc	200	B	1.5	1.1	mg/Kg	☼	05/01/23 11:30	05/03/23 14:54	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.0		0.033	0.021	mg/Kg	☼	04/27/23 08:35	04/28/23 12:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	12.7		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	87.3		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV54-0-0.17

Lab Sample ID: 180-154813-6
Date Collected: 04/07/23 10:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		28	5.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Benzene	ND		6.9	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Bromoform	ND		6.9	3.5	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Bromomethane	ND		6.9	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
2-Butanone (MEK)	ND		6.9	3.5	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Carbon disulfide	ND		6.9	5.5	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Carbon tetrachloride	ND		6.9	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Chlorobenzene	ND		6.9	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Chlorobromomethane	ND		6.9	4.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Chlorodibromomethane	ND		6.9	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Chloroethane	ND		6.9	4.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Chloroform	ND		6.9	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Chloromethane	ND		6.9	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
cis-1,2-Dichloroethene	ND		6.9	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1

Client Sample ID: SSHS-IRM5A2-SCV54-0-0.17
Date Collected: 04/07/23 10:55
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-6
Matrix: Solid
Percent Solids: 72.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		6.9	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Cyclohexane	ND		6.9	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,2-Dibromo-3-Chloropropane	ND		6.9	4.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,2-Dibromoethane	ND		6.9	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,2-Dichlorobenzene	ND		6.9	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,3-Dichlorobenzene	ND		6.9	4.2	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,4-Dichlorobenzene	ND		6.9	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Dichlorobromomethane	ND		6.9	3.2	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Dichlorodifluoromethane	ND	*+	6.9	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,1-Dichloroethane	ND		6.9	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,2-Dichloroethane	ND		6.9	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,1-Dichloroethene	ND		6.9	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,2-Dichloroethene, Total	ND		14	5.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,2-Dichloropropane	ND		6.9	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,4-Dioxane	ND		1400	49	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Ethylbenzene	ND		6.9	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
2-Hexanone	ND		6.9	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Isopropylbenzene	ND		6.9	3.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Methyl acetate	ND	*+	34	10	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Methylcyclohexane	ND		6.9	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Methylene Chloride	ND	*+	6.9	6.2	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
4-Methyl-2-pentanone (MIBK)	ND		6.9	2.5	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Methyl tert-butyl ether	ND		6.9	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
m-Xylene & p-Xylene	ND		6.9	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
o-Xylene	ND		6.9	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Styrene	ND		6.9	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,1,2,2-Tetrachloroethane	ND		6.9	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Tetrachloroethene	ND		6.9	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Toluene	ND		6.9	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
trans-1,2-Dichloroethene	ND		6.9	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
trans-1,3-Dichloropropene	ND		6.9	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,2,3-Trichlorobenzene	ND		6.9	3.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,2,4-Trichlorobenzene	ND		6.9	3.5	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,1,1-Trichloroethane	ND		6.9	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,1,2-Trichloroethane	ND		6.9	1.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Trichloroethene	ND		6.9	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Trichlorofluoromethane	ND		6.9	5.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.9	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Vinyl chloride	ND		6.9	5.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1
Xylenes, Total	ND		14	9.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*	*04/17/23 07:00*	*04/17/23 19:28*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*	*04/17/23 07:00*	*04/17/23 19:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*73 - 135*	*04/17/23 07:00*	*04/17/23 19:28*	*1*
Toluene-d8 (Surr)	*98*		*67 - 134*	*04/17/23 07:00*	*04/17/23 19:28*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		92	26	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV54-0-0.17
Lab Sample ID: 180-154813-6
Date Collected: 04/07/23 10:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**56**	**J**	92	20	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Acetophenone	ND		920	160	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Anthracene	**39**	**J**	92	24	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Atrazine	ND		920	200	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Benzaldehyde	ND		920	57	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Benzo[a]anthracene	**150**		92	41	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Benzo[a]pyrene	**150**		92	40	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Benzo[b]fluoranthene	**210**		92	23	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Benzo[g,h,i]perylene	**150**		92	20	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Benzo[k]fluoranthene	**84**	**J**	92	28	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
1,1'-Biphenyl	ND		450	170	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Bis(2-chloroethoxy)methane	ND		450	170	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Bis(2-chloroethyl)ether	ND		92	17	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Bis(2-ethylhexyl) phthalate	ND		4500	490	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
4-Bromophenyl phenyl ether	ND		450	200	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Butyl benzyl phthalate	ND		450	320	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Caprolactam	ND		2300	300	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Carbazole	ND		92	21	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
4-Chloroaniline	ND		450	120	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
4-Chloro-3-methylphenol	ND		450	160	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2-Chloronaphthalene	ND		92	21	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2-Chlorophenol	ND		450	170	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
4-Chlorophenyl phenyl ether	ND		450	150	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Chrysene	**190**		92	51	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Dibenz(a,h)anthracene	ND		92	59	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Dibenzofuran	ND		450	170	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
3,3'-Dichlorobenzidine	ND		450	430	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2,4-Dichlorophenol	ND		92	35	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Diethyl phthalate	ND		450	160	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2,4-Dimethylphenol	ND		450	150	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Dimethyl phthalate	ND		450	180	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Di-n-butyl phthalate	**400**	**J**	450	200	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
4,6-Dinitro-2-methylphenol	ND		2300	790	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2,4-Dinitrophenol	ND		4500	2900	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2,4-Dinitrotoluene	ND		450	270	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2,6-Dinitrotoluene	ND		450	180	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Di-n-octyl phthalate	ND		450	270	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
1,4-Dioxane	ND		920	140	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Fluoranthene	**250**		92	24	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Fluorene	ND		92	18	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Hexachlorobenzene	ND		92	33	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Hexachlorobutadiene	ND		92	27	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Hexachlorocyclopentadiene	ND		450	47	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Hexachloroethane	ND		450	160	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Indeno[1,2,3-cd]pyrene	**120**		92	46	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Isophorone	ND		450	170	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2-Methylnaphthalene	**25**	**J**	92	22	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2-Methylphenol	ND		450	130	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Methylphenol, 3 & 4	ND		450	130	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV54-0-0.17
Lab Sample ID: 180-154813-6
Date Collected: 04/07/23 10:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**55**	**J**	92	18	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2-Nitroaniline	ND		2300	210	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
3-Nitroaniline	ND		2300	120	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
4-Nitroaniline	ND		2300	170	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Nitrobenzene	ND		920	170	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2-Nitrophenol	ND		450	170	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
4-Nitrophenol	ND		2300	320	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
N-Nitrosodi-n-propylamine	ND		92	31	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
N-Nitrosodiphenylamine	ND		450	150	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2,2'-oxybis[1-chloropropane]	ND		92	34	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Pentachlorophenol	ND		2300	740	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Phenanthrene	**87**	**J**	92	25	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Phenol	ND		450	140	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
Pyrene	**250**		92	22	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
1,2,4,5-Tetrachlorobenzene	ND		450	180	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2,3,4,6-Tetrachlorophenol	ND		450	190	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2,4,5-Trichlorophenol	ND		450	160	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1
2,4,6-Trichlorophenol	ND		450	150	ug/Kg	☼	04/14/23 09:48	04/15/23 10:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*44 - 105*	*04/14/23 09:48*	*04/15/23 10:28*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*04/14/23 09:48*	*04/15/23 10:28*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*	*04/14/23 09:48*	*04/15/23 10:28*	*1*
Phenol-d5 (Surr)	*71*		*46 - 105*	*04/14/23 09:48*	*04/15/23 10:28*	*1*
Terphenyl-d14 (Surr)	*70*		*39 - 105*	*04/14/23 09:48*	*04/15/23 10:28*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*34 - 108*	*04/14/23 09:48*	*04/15/23 10:28*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	7.4	ug/Kg	☼	04/12/23 16:48	04/17/23 22:39	1
PCB-1221	ND		23	8.1	ug/Kg	☼	04/12/23 16:48	04/17/23 22:39	1
PCB-1232	ND		23	5.6	ug/Kg	☼	04/12/23 16:48	04/17/23 22:39	1
PCB-1242	ND		23	3.3	ug/Kg	☼	04/12/23 16:48	04/17/23 22:39	1
PCB-1248	**940**		23	5.5	ug/Kg	☼	04/12/23 16:48	04/17/23 22:39	1
PCB-1254	**310**		23	6.8	ug/Kg	☼	04/12/23 16:48	04/17/23 22:39	1
PCB-1260	ND		23	6.5	ug/Kg	☼	04/12/23 16:48	04/17/23 22:39	1
PCB-1262	ND		23	8.0	ug/Kg	☼	04/12/23 16:48	04/17/23 22:39	1
PCB-1268	ND		23	3.1	ug/Kg	☼	04/12/23 16:48	04/17/23 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*63*		*63 - 138*	*04/12/23 16:48*	*04/17/23 22:39*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*04/12/23 16:48*	*04/17/23 22:39*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*55 - 135*	*04/12/23 16:48*	*04/17/23 22:39*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*55 - 135*	*04/12/23 16:48*	*04/17/23 22:39*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		19	4.8	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Antimony	ND		0.96	0.29	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Arsenic	**8.4**		0.96	0.60	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1

Client Sample ID: SSHS-IRM5A2-SCV54-0-0.17

Lab Sample ID: 180-154813-6

Date Collected: 04/07/23 10:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	140		19	3.4	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Beryllium	0.60		0.38	0.10	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Cadmium	1.0		0.48	0.070	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Calcium	3700		480	62	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Chromium	18		0.48	0.44	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Cobalt	10		4.8	0.67	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Copper	34		2.4	1.4	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Iron	21000		9.6	9.3	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Lead	130		0.96	0.83	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Magnesium	2700		480	52	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Manganese	530		1.4	0.27	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Nickel	28		3.8	0.48	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Potassium	990		480	81	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Selenium	ND		0.96	0.44	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Silver	ND		0.48	0.099	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Sodium	68	J	480	49	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Thallium	ND		1.9	0.27	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Vanadium	15		4.8	0.76	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1
Zinc	200	B	1.9	1.4	mg/Kg	☼	05/01/23 11:30	05/03/23 14:59	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.35		0.043	0.028	mg/Kg	☼	04/27/23 08:35	04/28/23 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	27.4		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	72.6		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP18

Lab Sample ID: 180-154813-7

Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		26	5.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Benzene	ND		6.6	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Bromoform	ND		6.6	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Bromomethane	ND		6.6	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
2-Butanone (MEK)	ND		6.6	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Carbon disulfide	ND		6.6	5.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Carbon tetrachloride	ND		6.6	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Chlorobenzene	ND		6.6	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Chlorobromomethane	ND		6.6	4.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Chlorodibromomethane	ND		6.6	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Chloroethane	ND		6.6	3.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Chloroform	ND		6.6	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Chloromethane	ND		6.6	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
cis-1,2-Dichloroethene	ND		6.6	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
cis-1,3-Dichloropropene	ND		6.6	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP18
Date Collected: 04/07/23 00:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-7
Matrix: Solid
Percent Solids: 72.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		6.6	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,2-Dibromo-3-Chloropropane	ND		6.6	4.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,2-Dibromoethane	ND		6.6	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,2-Dichlorobenzene	ND		6.6	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,3-Dichlorobenzene	ND		6.6	4.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,4-Dichlorobenzene	ND		6.6	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Dichlorobromomethane	ND		6.6	3.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Dichlorodifluoromethane	ND	*+	6.6	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,1-Dichloroethane	ND		6.6	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,2-Dichloroethane	ND		6.6	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,1-Dichloroethene	ND		6.6	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,2-Dichloroethene, Total	ND		13	5.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,2-Dichloropropane	ND		6.6	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,4-Dioxane	ND		1300	47	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Ethylbenzene	ND		6.6	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
2-Hexanone	ND		6.6	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Isopropylbenzene	ND		6.6	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Methyl acetate	ND	*+	33	9.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Methylcyclohexane	ND		6.6	3.2	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Methylene Chloride	ND	*+	6.6	5.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
4-Methyl-2-pentanone (MIBK)	ND		6.6	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Methyl tert-butyl ether	ND		6.6	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
m-Xylene & p-Xylene	ND		6.6	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
o-Xylene	ND		6.6	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Styrene	ND		6.6	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,1,2,2-Tetrachloroethane	ND		6.6	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Tetrachloroethene	ND		6.6	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Toluene	ND		6.6	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
trans-1,2-Dichloroethene	ND		6.6	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
trans-1,3-Dichloropropene	ND		6.6	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,2,3-Trichlorobenzene	ND		6.6	3.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,2,4-Trichlorobenzene	ND		6.6	3.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,1,1-Trichloroethane	ND		6.6	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,1,2-Trichloroethane	ND		6.6	1.3	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Trichloroethene	ND		6.6	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Trichlorofluoromethane	ND		6.6	5.5	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.6	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Vinyl chloride	ND		6.6	4.7	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1
Xylenes, Total	ND		13	9.5	ug/Kg	☼	04/17/23 07:00	04/17/23 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*60 - 124*	*04/17/23 07:00*	*04/17/23 19:50*	*1*
Dibromofluoromethane (Surr)	*108*		*69 - 126*	*04/17/23 07:00*	*04/17/23 19:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*73 - 135*	*04/17/23 07:00*	*04/17/23 19:50*	*1*
Toluene-d8 (Surr)	*104*		*67 - 134*	*04/17/23 07:00*	*04/17/23 19:50*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		180	51	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Acenaphthylene	**62**	**J**	180	39	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP18
Lab Sample ID: 180-154813-7
Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		1800	320	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Anthracene	ND		180	46	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Atrazine	ND		1800	390	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Benzaldehyde	ND		1800	110	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Benzo[a]anthracene	**140**	**J**	180	80	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Benzo[a]pyrene	**130**	**J**	180	77	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Benzo[b]fluoranthene	**210**		180	44	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Benzo[g,h,i]perylene	**130**	**J**	180	38	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Benzo[k]fluoranthene	**79**	**J**	180	53	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
1,1'-Biphenyl	ND		880	330	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Bis(2-chloroethoxy)methane	ND		880	330	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Bis(2-chloroethyl)ether	ND		180	32	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Bis(2-ethylhexyl) phthalate	ND		8800	950	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
4-Bromophenyl phenyl ether	ND		880	380	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Butyl benzyl phthalate	ND		880	610	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Caprolactam	ND		4500	580	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Carbazole	ND		180	42	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
4-Chloroaniline	ND		880	230	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
4-Chloro-3-methylphenol	ND		880	310	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2-Chloronaphthalene	ND		180	41	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2-Chlorophenol	ND		880	330	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
4-Chlorophenyl phenyl ether	ND		880	300	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Chrysene	**170**	**J**	180	99	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Dibenz(a,h)anthracene	ND		180	110	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Dibenzofuran	ND		880	330	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
3,3'-Dichlorobenzidine	ND		880	830	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2,4-Dichlorophenol	ND		180	68	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Diethyl phthalate	ND		880	310	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2,4-Dimethylphenol	ND		880	300	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Dimethyl phthalate	ND		880	350	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Di-n-butyl phthalate	**410**	**J**	880	390	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
4,6-Dinitro-2-methylphenol	ND		4500	1500	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2,4-Dinitrophenol	ND		8800	5500	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2,4-Dinitrotoluene	ND		880	530	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2,6-Dinitrotoluene	ND		880	350	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Di-n-octyl phthalate	ND		880	520	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
1,4-Dioxane	ND		1800	280	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Fluoranthene	**210**		180	47	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Fluorene	ND		180	35	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Hexachlorobenzene	ND		180	64	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Hexachlorobutadiene	ND		180	52	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Hexachlorocyclopentadiene	ND		880	91	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Hexachloroethane	ND		880	310	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Indeno[1,2,3-cd]pyrene	**99**	**J**	180	88	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Isophorone	ND		880	330	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2-Methylnaphthalene	ND		180	43	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2-Methylphenol	ND		880	250	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Methylphenol, 3 & 4	ND		880	260	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Naphthalene	**43**	**J**	180	35	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2

Client Sample ID: SSHS-IRM5A2-SCV-DUP18
Date Collected: 04/07/23 00:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-7
Matrix: Solid
Percent Solids: 72.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		4500	410	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
3-Nitroaniline	ND		4500	230	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
4-Nitroaniline	**1200**	**J**	4500	330	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Nitrobenzene	ND		1800	330	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2-Nitrophenol	ND		880	330	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
4-Nitrophenol	ND		4500	620	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
N-Nitrosodi-n-propylamine	ND		180	60	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
N-Nitrosodiphenylamine	ND		880	300	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2,2'-oxybis[1-chloropropane]	ND		180	66	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Pentachlorophenol	ND		4500	1400	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Phenanthrene	**79**	**J**	180	48	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Phenol	ND		880	270	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
Pyrene	**220**		180	42	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
1,2,4,5-Tetrachlorobenzene	ND		880	350	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2,3,4,6-Tetrachlorophenol	ND		880	370	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2,4,5-Trichlorophenol	ND		880	310	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2
2,4,6-Trichlorophenol	ND		880	300	ug/Kg	☼	04/14/23 09:48	04/15/23 10:50	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*44 - 105*	*04/14/23 09:48*	*04/15/23 10:50*	*2*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*04/14/23 09:48*	*04/15/23 10:50*	*2*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*	*04/14/23 09:48*	*04/15/23 10:50*	*2*
Phenol-d5 (Surr)	*66*		*46 - 105*	*04/14/23 09:48*	*04/15/23 10:50*	*2*
Terphenyl-d14 (Surr)	*64*		*39 - 105*	*04/14/23 09:48*	*04/15/23 10:50*	*2*
2,4,6-Tribromophenol (Surr)	*56*		*34 - 108*	*04/14/23 09:48*	*04/15/23 10:50*	*2*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	7.5	ug/Kg	☼	04/12/23 16:48	04/17/23 22:57	1
PCB-1221	ND		23	8.1	ug/Kg	☼	04/12/23 16:48	04/17/23 22:57	1
PCB-1232	ND		23	5.6	ug/Kg	☼	04/12/23 16:48	04/17/23 22:57	1
PCB-1242	ND		23	3.4	ug/Kg	☼	04/12/23 16:48	04/17/23 22:57	1
PCB-1248	**940**		23	5.5	ug/Kg	☼	04/12/23 16:48	04/17/23 22:57	1
PCB-1254	**420**		23	6.9	ug/Kg	☼	04/12/23 16:48	04/17/23 22:57	1
PCB-1260	ND		23	6.5	ug/Kg	☼	04/12/23 16:48	04/17/23 22:57	1
PCB-1262	ND		23	8.1	ug/Kg	☼	04/12/23 16:48	04/17/23 22:57	1
PCB-1268	ND		23	3.1	ug/Kg	☼	04/12/23 16:48	04/17/23 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*72*		*63 - 138*	*04/12/23 16:48*	*04/17/23 22:57*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*63 - 138*	*04/12/23 16:48*	*04/17/23 22:57*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*04/12/23 16:48*	*04/17/23 22:57*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*04/12/23 16:48*	*04/17/23 22:57*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		20	5.0	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Antimony	ND		1.0	0.30	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Arsenic	**8.6**		1.0	0.63	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Barium	**190**		20	3.6	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP18

Lab Sample ID: 180-154813-7

Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.61		0.40	0.11	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Cadmium	1.2		0.50	0.073	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Calcium	3700		500	64	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Chromium	23		0.50	0.45	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Cobalt	11		5.0	0.70	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Copper	41		2.5	1.5	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Iron	23000		10	9.7	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Lead	190		1.0	0.87	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Magnesium	2900		500	55	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Manganese	460		1.5	0.28	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Nickel	30		4.0	0.50	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Potassium	1200		500	85	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Selenium	ND		1.0	0.46	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Silver	ND		0.50	0.10	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Sodium	76	J	500	51	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Thallium	ND		2.0	0.28	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Vanadium	17		5.0	0.79	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1
Zinc	230	B	2.0	1.4	mg/Kg	☼	05/01/23 11:30	05/03/23 15:04	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.34		0.043	0.028	mg/Kg	☼	04/27/23 08:35	04/28/23 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	27.4		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	72.6		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV54-0.17-0.75

Lab Sample ID: 180-154813-8

Date Collected: 04/07/23 11:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 73.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		27	5.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Benzene	ND		6.8	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Bromoform	ND		6.8	3.4	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Bromomethane	ND		6.8	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
2-Butanone (MEK)	ND		6.8	3.5	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Carbon disulfide	ND	*+	6.8	5.5	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Carbon tetrachloride	ND		6.8	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Chlorobenzene	ND		6.8	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Chlorobromomethane	ND		6.8	4.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Chlorodibromomethane	ND		6.8	3.4	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Chloroethane	ND		6.8	4.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Chloroform	ND		6.8	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Chloromethane	ND		6.8	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
cis-1,2-Dichloroethene	ND		6.8	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
cis-1,3-Dichloropropene	ND		6.8	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Cyclohexane	ND		6.8	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-1

Client Sample ID: SSHS-IRM5A2-SCV54-0.17-0.75
Date Collected: 04/07/23 11:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-8
Matrix: Solid
Percent Solids: 73.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		6.8	4.4	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,2-Dibromoethane	ND		6.8	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,2-Dichlorobenzene	ND		6.8	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,3-Dichlorobenzene	ND		6.8	4.2	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,4-Dichlorobenzene	ND		6.8	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Dichlorobromomethane	ND		6.8	3.2	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Dichlorodifluoromethane	ND	*+	6.8	3.4	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,1-Dichloroethane	ND		6.8	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,2-Dichloroethane	ND		6.8	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,1-Dichloroethene	ND		6.8	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,2-Dichloroethene, Total	ND		14	5.6	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,2-Dichloropropane	ND		6.8	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,4-Dioxane	ND		1400	48	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Ethylbenzene	ND		6.8	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
2-Hexanone	ND		6.8	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Isopropylbenzene	ND		6.8	3.6	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Methyl acetate	ND	*+	34	10	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Methylcyclohexane	ND		6.8	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Methylene Chloride	ND		6.8	6.2	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
4-Methyl-2-pentanone (MIBK)	ND		6.8	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Methyl tert-butyl ether	ND		6.8	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
m-Xylene & p-Xylene	ND		6.8	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
o-Xylene	ND		6.8	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Styrene	ND		6.8	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,1,2,2-Tetrachloroethane	ND		6.8	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Tetrachloroethene	ND		6.8	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Toluene	ND		6.8	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
trans-1,2-Dichloroethene	ND		6.8	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
trans-1,3-Dichloropropene	ND		6.8	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,2,3-Trichlorobenzene	ND		6.8	3.8	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,2,4-Trichlorobenzene	ND		6.8	3.5	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,1,1-Trichloroethane	ND		6.8	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,1,2-Trichloroethane	ND		6.8	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Trichloroethene	ND		6.8	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Trichlorofluoromethane	ND		6.8	5.7	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	6.8	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Vinyl chloride	ND		6.8	4.9	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1
Xylenes, Total	ND		14	9.9	ug/Kg	☼	04/18/23 07:04	04/18/23 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*60 - 124*	*04/18/23 07:04*	*04/18/23 12:32*	*1*
Dibromofluoromethane (Surr)	*110*		*69 - 126*	*04/18/23 07:04*	*04/18/23 12:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*73 - 135*	*04/18/23 07:04*	*04/18/23 12:32*	*1*
Toluene-d8 (Surr)	*120*		*67 - 134*	*04/18/23 07:04*	*04/18/23 12:32*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		270	77	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Acenaphthylene	**99**	**J**	270	58	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Acetophenone	ND		2700	480	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-1

Client Sample ID: SSHS-IRM5A2-SCV54-0.17-0.75
Date Collected: 04/07/23 11:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-8
Matrix: Solid
Percent Solids: 73.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		270	69	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Atrazine	ND		2700	580	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Benzaldehyde	ND		2700	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Benzo[a]anthracene	**220**	**J**	270	120	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Benzo[a]pyrene	**200**	**J**	270	120	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Benzo[b]fluoranthene	**270**		270	66	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Benzo[g,h,i]perylene	**200**	**J**	270	58	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Benzo[k]fluoranthene	**160**	**J**	270	80	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
1,1'-Biphenyl	ND		1300	490	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Bis(2-chloroethoxy)methane	ND		1300	490	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Bis(2-chloroethyl)ether	ND		270	48	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Bis(2-ethylhexyl) phthalate	ND		13000	1400	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
4-Bromophenyl phenyl ether	ND		1300	570	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Butyl benzyl phthalate	ND		1300	920	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Caprolactam	ND		6800	870	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Carbazole	ND		270	62	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
4-Chloroaniline	ND		1300	350	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
4-Chloro-3-methylphenol	ND		1300	470	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2-Chloronaphthalene	ND		270	61	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2-Chlorophenol	ND		1300	490	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
4-Chlorophenyl phenyl ether	ND		1300	440	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Chrysene	**290**		270	150	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Dibenz(a,h)anthracene	ND		270	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Dibenzofuran	ND		1300	490	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
3,3'-Dichlorobenzidine	ND		1300	1200	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2,4-Dichlorophenol	ND		270	100	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Diethyl phthalate	ND		1300	470	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2,4-Dimethylphenol	ND		1300	450	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Dimethyl phthalate	ND		1300	530	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Di-n-butyl phthalate	ND		1300	580	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
4,6-Dinitro-2-methylphenol	ND		6800	2300	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2,4-Dinitrophenol	ND		13000	8300	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2,4-Dinitrotoluene	ND		1300	800	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2,6-Dinitrotoluene	ND		1300	520	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Di-n-octyl phthalate	ND		1300	780	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
1,4-Dioxane	ND		2700	420	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Fluoranthene	**350**		270	70	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Fluorene	ND		270	52	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Hexachlorobenzene	ND		270	96	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Hexachlorobutadiene	ND		270	78	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Hexachlorocyclopentadiene	ND		1300	140	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Hexachloroethane	ND		1300	470	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Indeno[1,2,3-cd]pyrene	**160**	**J**	270	130	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Isophorone	ND		1300	500	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2-Methylnaphthalene	ND		270	64	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2-Methylphenol	ND		1300	380	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Methylphenol, 3 & 4	ND		1300	390	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Naphthalene	ND		270	52	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2-Nitroaniline	ND		6800	610	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3

Client Sample ID: SSHS-IRM5A2-SCV54-0.17-0.75
Date Collected: 04/07/23 11:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-8
Matrix: Solid
Percent Solids: 73.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		6800	340	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
4-Nitroaniline	**4600**	**J**	6800	500	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Nitrobenzene	ND		2700	490	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2-Nitrophenol	ND		1300	490	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
4-Nitrophenol	ND		6800	940	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
N-Nitrosodi-n-propylamine	ND		270	90	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
N-Nitrosodiphenylamine	ND		1300	440	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2,2'-oxybis[1-chloropropane]	ND		270	99	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Pentachlorophenol	ND		6800	2100	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Phenanthrene	**150**	**J**	270	72	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Phenol	ND		1300	400	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
Pyrene	**340**		270	63	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
1,2,4,5-Tetrachlorobenzene	ND		1300	530	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2,3,4,6-Tetrachlorophenol	ND		1300	560	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2,4,5-Trichlorophenol	ND		1300	460	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3
2,4,6-Trichlorophenol	ND		1300	440	ug/Kg	☼	04/14/23 09:48	04/15/23 11:12	3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*04/14/23 09:48*	*04/15/23 11:12*	*3*
2-Fluorophenol (Surr)	*76*		*48 - 105*	*04/14/23 09:48*	*04/15/23 11:12*	*3*
Nitrobenzene-d5 (Surr)	*79*		*46 - 105*	*04/14/23 09:48*	*04/15/23 11:12*	*3*
Phenol-d5 (Surr)	*77*		*46 - 105*	*04/14/23 09:48*	*04/15/23 11:12*	*3*
Terphenyl-d14 (Surr)	*75*		*39 - 105*	*04/14/23 09:48*	*04/15/23 11:12*	*3*
2,4,6-Tribromophenol (Surr)	*69*		*34 - 108*	*04/14/23 09:48*	*04/15/23 11:12*	*3*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	7.3	ug/Kg	☼	04/12/23 16:48	04/17/23 23:16	1
PCB-1221	ND		23	8.0	ug/Kg	☼	04/12/23 16:48	04/17/23 23:16	1
PCB-1232	ND		23	5.5	ug/Kg	☼	04/12/23 16:48	04/17/23 23:16	1
PCB-1242	ND		23	3.3	ug/Kg	☼	04/12/23 16:48	04/17/23 23:16	1
PCB-1248	**1100**		23	5.4	ug/Kg	☼	04/12/23 16:48	04/17/23 23:16	1
PCB-1254	**450**		23	6.8	ug/Kg	☼	04/12/23 16:48	04/17/23 23:16	1
PCB-1260	ND		23	6.4	ug/Kg	☼	04/12/23 16:48	04/17/23 23:16	1
PCB-1262	ND		23	7.9	ug/Kg	☼	04/12/23 16:48	04/17/23 23:16	1
PCB-1268	ND		23	3.0	ug/Kg	☼	04/12/23 16:48	04/17/23 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*64*		*63 - 138*	*04/12/23 16:48*	*04/17/23 23:16*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*63 - 138*	*04/12/23 16:48*	*04/17/23 23:16*	*1*
Tetrachloro-m-xylene (Surr)	*73*		*55 - 135*	*04/12/23 16:48*	*04/17/23 23:16*	*1*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*	*04/12/23 16:48*	*04/17/23 23:16*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		18	4.4	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Antimony	**0.88**	**J**	0.89	0.27	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Arsenic	**9.7**		0.89	0.56	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Barium	**2700**		18	3.2	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Beryllium	**0.59**		0.36	0.097	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1

Client Sample ID: SSHS-IRM5A2-SCV54-0.17-0.75

Lab Sample ID: 180-154813-8

Date Collected: 04/07/23 11:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 73.1

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	1.8		0.44	0.065	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Calcium	3700		440	57	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Chromium	180		0.44	0.40	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Cobalt	14		4.4	0.63	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Copper	40		2.2	1.3	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Iron	25000		8.9	8.7	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Lead	4800		4.4	3.9	mg/Kg	☼	05/01/23 11:30	05/04/23 10:34	5
Magnesium	2600		440	49	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Manganese	730		1.3	0.25	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Nickel	28		3.6	0.45	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Potassium	1000		440	76	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Selenium	0.51	J	0.89	0.41	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Silver	ND		0.44	0.092	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Sodium	89	J	440	46	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Thallium	ND		1.8	0.25	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Vanadium	17		4.4	0.70	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1
Zinc	310	B	1.8	1.3	mg/Kg	☼	05/01/23 11:30	05/03/23 15:09	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.39		0.039	0.025	mg/Kg	☼	04/27/23 08:35	04/28/23 12:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	26.9		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	73.1		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV54-0.75-1.75

Lab Sample ID: 180-154813-9

Date Collected: 04/07/23 11:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 74.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		26	5.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Benzene	ND		6.6	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Bromoform	ND		6.6	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Bromomethane	ND		6.6	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
2-Butanone (MEK)	ND		6.6	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Carbon disulfide	ND	*+	6.6	5.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Carbon tetrachloride	ND		6.6	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Chlorobenzene	ND		6.6	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Chlorobromomethane	ND		6.6	4.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Chlorodibromomethane	ND		6.6	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Chloroethane	ND		6.6	3.8	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Chloroform	ND		6.6	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Chloromethane	ND		6.6	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
cis-1,2-Dichloroethene	ND		6.6	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
cis-1,3-Dichloropropene	ND		6.6	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Cyclohexane	ND		6.6	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,2-Dibromo-3-Chloropropane	ND		6.6	4.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1

Client Sample ID: SSHS-IRM5A2-SCV54-0.75-1.75
Date Collected: 04/07/23 11:05
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-9
Matrix: Solid
Percent Solids: 74.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		6.6	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,2-Dichlorobenzene	ND		6.6	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,3-Dichlorobenzene	ND		6.6	4.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,4-Dichlorobenzene	ND		6.6	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Dichlorobromomethane	ND		6.6	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Dichlorodifluoromethane	ND	*+	6.6	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,1-Dichloroethane	ND		6.6	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,2-Dichloroethane	ND		6.6	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,1-Dichloroethene	ND		6.6	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,2-Dichloroethene, Total	ND		13	5.4	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,2-Dichloropropane	ND		6.6	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,4-Dioxane	ND		1300	47	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Ethylbenzene	ND		6.6	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
2-Hexanone	ND		6.6	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Isopropylbenzene	ND		6.6	3.4	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Methyl acetate	ND	*+	33	9.7	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Methylcyclohexane	ND		6.6	3.2	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Methylene Chloride	ND		6.6	5.9	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
4-Methyl-2-pentanone (MIBK)	ND		6.6	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Methyl tert-butyl ether	ND		6.6	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
m-Xylene & p-Xylene	ND		6.6	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
o-Xylene	ND		6.6	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Styrene	ND		6.6	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,1,2,2-Tetrachloroethane	ND		6.6	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Tetrachloroethene	ND		6.6	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Toluene	ND		6.6	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
trans-1,2-Dichloroethene	ND		6.6	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
trans-1,3-Dichloropropene	ND		6.6	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,2,3-Trichlorobenzene	ND		6.6	3.6	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,2,4-Trichlorobenzene	ND		6.6	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,1,1-Trichloroethane	ND		6.6	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,1,2-Trichloroethane	ND		6.6	1.3	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Trichloroethene	ND		6.6	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Trichlorofluoromethane	ND		6.6	5.5	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	6.6	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Vinyl chloride	ND		6.6	4.7	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1
Xylenes, Total	ND		13	9.5	ug/Kg	☼	04/18/23 07:04	04/18/23 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*	*04/18/23 07:04*	*04/18/23 12:55*	*1*
Dibromofluoromethane (Surr)	*112*		*69 - 126*	*04/18/23 07:04*	*04/18/23 12:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*73 - 135*	*04/18/23 07:04*	*04/18/23 12:55*	*1*
Toluene-d8 (Surr)	*98*		*67 - 134*	*04/18/23 07:04*	*04/18/23 12:55*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		88	25	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Acenaphthylene	**39**	**J**	88	19	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Acetophenone	ND		880	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Anthracene	**27**	**J**	88	23	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV54-0.75-1.75
Lab Sample ID: 180-154813-9
Date Collected: 04/07/23 11:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 74.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		880	190	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Benzaldehyde	ND		880	54	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Benzo[a]anthracene	**130**		88	40	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Benzo[a]pyrene	**88**		88	38	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Benzo[b]fluoranthene	**200**		88	22	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Benzo[g,h,i]perylene	**96**		88	19	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Benzo[k]fluoranthene	**40**	**J**	88	26	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
1,1'-Biphenyl	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Bis(2-chloroethoxy)methane	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Bis(2-chloroethyl)ether	ND		88	16	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Bis(2-ethylhexyl) phthalate	ND		4300	470	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
4-Bromophenyl phenyl ether	ND		430	190	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Butyl benzyl phthalate	ND		430	300	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Caprolactam	ND		2200	290	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Carbazole	ND		88	21	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
4-Chloroaniline	ND		430	120	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
4-Chloro-3-methylphenol	ND		430	150	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2-Chloronaphthalene	ND		88	20	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2-Chlorophenol	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
4-Chlorophenyl phenyl ether	ND		430	150	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Chrysene	**140**		88	49	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Dibenz(a,h)anthracene	ND		88	56	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Dibenzofuran	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
3,3'-Dichlorobenzidine	ND		430	410	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2,4-Dichlorophenol	ND		88	34	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Diethyl phthalate	ND		430	150	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2,4-Dimethylphenol	ND		430	150	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Dimethyl phthalate	ND		430	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Di-n-butyl phthalate	ND		430	190	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
4,6-Dinitro-2-methylphenol	ND		2200	760	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2,4-Dinitrophenol	ND		4300	2700	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2,4-Dinitrotoluene	ND		430	260	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2,6-Dinitrotoluene	ND		430	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Di-n-octyl phthalate	ND		430	260	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
1,4-Dioxane	ND		880	140	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Fluoranthene	**200**		88	23	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Fluorene	ND		88	17	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Hexachlorobenzene	ND		88	31	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Hexachlorobutadiene	ND		88	26	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Hexachlorocyclopentadiene	ND		430	45	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Hexachloroethane	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Indeno[1,2,3-cd]pyrene	**74**	**J**	88	44	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Isophorone	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2-Methylnaphthalene	ND		88	21	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2-Methylphenol	ND		430	130	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Methylphenol, 3 & 4	ND		430	130	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Naphthalene	ND		88	17	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2-Nitroaniline	ND		2200	200	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV54-0.75-1.75
Lab Sample ID: 180-154813-9
Date Collected: 04/07/23 11:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 74.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	**340**	**J**	2200	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Nitrobenzene	ND		880	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2-Nitrophenol	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
4-Nitrophenol	ND		2200	310	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
N-Nitrosodi-n-propylamine	ND		88	30	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
N-Nitrosodiphenylamine	ND		430	150	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2,2'-oxybis[1-chloropropane]	ND		88	33	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Pentachlorophenol	ND		2200	710	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Phenanthrene	**69**	**J**	88	24	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Phenol	ND		430	130	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
Pyrene	**180**		88	21	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
1,2,4,5-Tetrachlorobenzene	ND		430	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2,3,4,6-Tetrachlorophenol	ND		430	180	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2,4,5-Trichlorophenol	ND		430	150	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1
2,4,6-Trichlorophenol	ND		430	150	ug/Kg	☼	04/14/23 09:48	04/15/23 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*04/14/23 09:48*	*04/15/23 11:34*	*1*
2-Fluorophenol (Surr)	*84*		*48 - 105*	*04/14/23 09:48*	*04/15/23 11:34*	*1*
Nitrobenzene-d5 (Surr)	*87*		*46 - 105*	*04/14/23 09:48*	*04/15/23 11:34*	*1*
Phenol-d5 (Surr)	*86*		*46 - 105*	*04/14/23 09:48*	*04/15/23 11:34*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 105*	*04/14/23 09:48*	*04/15/23 11:34*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*34 - 108*	*04/14/23 09:48*	*04/15/23 11:34*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.1	ug/Kg	☼	04/12/23 16:48	04/17/23 23:35	1
PCB-1221	ND		22	7.7	ug/Kg	☼	04/12/23 16:48	04/17/23 23:35	1
PCB-1232	ND		22	5.3	ug/Kg	☼	04/12/23 16:48	04/17/23 23:35	1
PCB-1242	ND		22	3.2	ug/Kg	☼	04/12/23 16:48	04/17/23 23:35	1
PCB-1248	**300**		22	5.2	ug/Kg	☼	04/12/23 16:48	04/17/23 23:35	1
PCB-1254	**170**		22	6.5	ug/Kg	☼	04/12/23 16:48	04/17/23 23:35	1
PCB-1260	ND		22	6.2	ug/Kg	☼	04/12/23 16:48	04/17/23 23:35	1
PCB-1262	ND		22	7.7	ug/Kg	☼	04/12/23 16:48	04/17/23 23:35	1
PCB-1268	ND		22	2.9	ug/Kg	☼	04/12/23 16:48	04/17/23 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*63 - 138*	*04/12/23 16:48*	*04/17/23 23:35*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*04/12/23 16:48*	*04/17/23 23:35*	*1*
Tetrachloro-m-xylene (Surr)	*62*		*55 - 135*	*04/12/23 16:48*	*04/17/23 23:35*	*1*
Tetrachloro-m-xylene (Surr)	*65*		*55 - 135*	*04/12/23 16:48*	*04/17/23 23:35*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		20	5.0	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Antimony	**0.49**	**J**	1.0	0.31	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Arsenic	**12**		1.0	0.63	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Barium	**170**		20	3.6	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Beryllium	**0.66**		0.40	0.11	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Cadmium	**1.3**		0.50	0.074	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1

Client Sample ID: SSHS-IRM5A2-SCV54-0.75-1.75

Lab Sample ID: 180-154813-9

Date Collected: 04/07/23 11:05
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 74.0

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	4500		500	65	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Chromium	21		0.50	0.46	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Cobalt	11		5.0	0.71	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Copper	55		2.5	1.5	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Iron	25000		10	9.8	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Lead	240		1.0	0.88	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Magnesium	2700		500	55	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Manganese	620		1.5	0.28	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Nickel	30		4.0	0.51	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Potassium	1100		500	86	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Selenium	0.53	J	1.0	0.46	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Silver	ND		0.50	0.10	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Sodium	170	J	500	52	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Thallium	ND		2.0	0.29	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Vanadium	18		5.0	0.80	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1
Zinc	320	B	2.0	1.5	mg/Kg	☼	05/01/23 11:30	05/03/23 15:14	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.63		0.041	0.026	mg/Kg	☼	04/27/23 08:35	04/28/23 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	26.0		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	74.0		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV55-0-0.17

Lab Sample ID: 180-154813-10

Date Collected: 04/07/23 11:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		26	5.1	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Benzene	ND		6.5	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Bromoform	ND		6.5	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Bromomethane	ND		6.5	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
2-Butanone (MEK)	ND		6.5	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Carbon disulfide	ND	*+	6.5	5.2	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Carbon tetrachloride	ND		6.5	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Chlorobenzene	ND		6.5	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Chlorobromomethane	ND		6.5	3.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Chlorodibromomethane	ND		6.5	3.2	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Chloroethane	ND		6.5	3.8	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Chloroform	ND		6.5	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Chloromethane	ND		6.5	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
cis-1,2-Dichloroethene	ND		6.5	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
cis-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Cyclohexane	ND		6.5	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,2-Dibromo-3-Chloropropane	ND		6.5	4.2	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,2-Dibromoethane	ND		6.5	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1

Client Sample ID: SSHS-IRM5A2-SCV55-0-0.17
Lab Sample ID: 180-154813-10
Date Collected: 04/07/23 11:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		6.5	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,3-Dichlorobenzene	ND		6.5	4.0	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,4-Dichlorobenzene	ND		6.5	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Dichlorobromomethane	ND		6.5	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Dichlorodifluoromethane	ND	*+	6.5	3.2	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,1-Dichloroethane	ND		6.5	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,2-Dichloroethane	ND		6.5	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,1-Dichloroethene	ND		6.5	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,2-Dichloroethene, Total	ND		13	5.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,2-Dichloropropane	ND		6.5	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,4-Dioxane	ND		1300	46	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Ethylbenzene	ND		6.5	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
2-Hexanone	ND		6.5	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Isopropylbenzene	ND		6.5	3.4	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Methyl acetate	ND	*+	32	9.5	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Methylcyclohexane	ND		6.5	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Methylene Chloride	ND		6.5	5.8	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
4-Methyl-2-pentanone (MIBK)	ND		6.5	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Methyl tert-butyl ether	ND		6.5	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
m-Xylene & p-Xylene	ND		6.5	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
o-Xylene	ND		6.5	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Styrene	ND		6.5	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,1,2,2-Tetrachloroethane	ND		6.5	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Tetrachloroethene	ND		6.5	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Toluene	ND		6.5	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
trans-1,2-Dichloroethene	ND		6.5	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
trans-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,2,3-Trichlorobenzene	ND		6.5	3.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,2,4-Trichlorobenzene	ND		6.5	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,1,1-Trichloroethane	ND		6.5	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,1,2-Trichloroethane	ND		6.5	1.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Trichloroethene	ND		6.5	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Trichlorofluoromethane	ND		6.5	5.4	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	6.5	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Vinyl chloride	ND		6.5	4.7	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1
Xylenes, Total	ND		13	9.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*60 - 124*	*04/18/23 07:04*	*04/18/23 13:18*	*1*
Dibromofluoromethane (Surr)	*84*		*69 - 126*	*04/18/23 07:04*	*04/18/23 13:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*73 - 135*	*04/18/23 07:04*	*04/18/23 13:18*	*1*
Toluene-d8 (Surr)	*94*		*67 - 134*	*04/18/23 07:04*	*04/18/23 13:18*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		91	26	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Acenaphthylene	**45**	**J**	91	20	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Acetophenone	**230**	**J**	910	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Anthracene	**32**	**J**	91	23	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Atrazine	ND		910	200	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-1

Client Sample ID: SSHS-IRM5A2-SCV55-0-0.17
Date Collected: 04/07/23 11:10
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-10
Matrix: Solid
Percent Solids: 72.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		910	56	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Benzo[a]anthracene	**110**		91	41	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Benzo[a]pyrene	**120**		91	39	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Benzo[b]fluoranthene	**170**		91	22	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Benzo[g,h,i]perylene	**110**		91	19	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Benzo[k]fluoranthene	**58**	**J**	91	27	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
1,1'-Biphenyl	ND		450	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Bis(2-chloroethoxy)methane	ND		450	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Bis(2-chloroethyl)ether	ND		91	16	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Bis(2-ethylhexyl) phthalate	ND		4500	480	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
4-Bromophenyl phenyl ether	ND		450	190	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Butyl benzyl phthalate	ND		450	310	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Caprolactam	ND		2300	290	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Carbazole	ND		91	21	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
4-Chloroaniline	ND		450	120	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
4-Chloro-3-methylphenol	ND		450	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2-Chloronaphthalene	ND		91	21	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2-Chlorophenol	ND		450	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
4-Chlorophenyl phenyl ether	ND		450	150	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Chrysene	**140**		91	50	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Dibenz(a,h)anthracene	ND		91	58	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Dibenzofuran	ND		450	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
3,3'-Dichlorobenzidine	ND		450	420	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2,4-Dichlorophenol	ND		91	35	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Diethyl phthalate	ND		450	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2,4-Dimethylphenol	ND		450	150	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Dimethyl phthalate	ND		450	180	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Di-n-butyl phthalate	**320**	**J**	450	200	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
4,6-Dinitro-2-methylphenol	ND		2300	780	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2,4-Dinitrophenol	ND		4500	2800	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2,4-Dinitrotoluene	ND		450	270	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2,6-Dinitrotoluene	ND		450	180	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Di-n-octyl phthalate	ND		450	260	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
1,4-Dioxane	ND		910	140	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Fluoranthene	**190**		91	24	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Fluorene	ND		91	18	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Hexachlorobenzene	ND		91	32	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Hexachlorobutadiene	ND		91	26	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Hexachlorocyclopentadiene	ND		450	46	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Hexachloroethane	ND		450	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Indeno[1,2,3-cd]pyrene	**92**		91	45	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Isophorone	ND		450	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2-Methylnaphthalene	**23**	**J**	91	22	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2-Methylphenol	ND		450	130	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Methylphenol, 3 & 4	**750**		450	130	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Naphthalene	**42**	**J**	91	18	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2-Nitroaniline	ND		2300	210	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
3-Nitroaniline	ND		2300	110	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
4-Nitroaniline	ND		2300	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1

Client Sample ID: SSHS-IRM5A2-SCV55-0-0.17
Date Collected: 04/07/23 11:10
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-10
Matrix: Solid
Percent Solids: 72.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		910	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2-Nitrophenol	ND		450	170	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
4-Nitrophenol	ND		2300	320	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
N-Nitrosodi-n-propylamine	ND		91	31	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
N-Nitrosodiphenylamine	ND		450	150	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2,2'-oxybis[1-chloropropane]	ND		91	33	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Pentachlorophenol	ND		2300	730	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Phenanthrene	**78**	**J**	91	24	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Phenol	ND		450	140	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
Pyrene	**180**		91	21	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
1,2,4,5-Tetrachlorobenzene	ND		450	180	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2,3,4,6-Tetrachlorophenol	ND		450	190	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2,4,5-Trichlorophenol	ND		450	160	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1
2,4,6-Trichlorophenol	ND		450	150	ug/Kg	☼	04/14/23 09:48	04/15/23 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*44 - 105*	*04/14/23 09:48*	*04/15/23 11:56*	*1*
2-Fluorophenol (Surr)	*82*		*48 - 105*	*04/14/23 09:48*	*04/15/23 11:56*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 105*	*04/14/23 09:48*	*04/15/23 11:56*	*1*
Phenol-d5 (Surr)	*82*		*46 - 105*	*04/14/23 09:48*	*04/15/23 11:56*	*1*
Terphenyl-d14 (Surr)	*77*		*39 - 105*	*04/14/23 09:48*	*04/15/23 11:56*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*34 - 108*	*04/14/23 09:48*	*04/15/23 11:56*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	7.4	ug/Kg	☼	04/12/23 16:48	04/18/23 00:31	1
PCB-1221	ND		23	8.0	ug/Kg	☼	04/12/23 16:48	04/18/23 00:31	1
PCB-1232	ND		23	5.5	ug/Kg	☼	04/12/23 16:48	04/18/23 00:31	1
PCB-1242	ND		23	3.3	ug/Kg	☼	04/12/23 16:48	04/18/23 00:31	1
PCB-1248	**53**		23	5.5	ug/Kg	☼	04/12/23 16:48	04/18/23 00:31	1
PCB-1254	**31**		23	6.8	ug/Kg	☼	04/12/23 16:48	04/18/23 00:31	1
PCB-1260	ND		23	6.5	ug/Kg	☼	04/12/23 16:48	04/18/23 00:31	1
PCB-1262	ND		23	8.0	ug/Kg	☼	04/12/23 16:48	04/18/23 00:31	1
PCB-1268	ND		23	3.1	ug/Kg	☼	04/12/23 16:48	04/18/23 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*04/12/23 16:48*	*04/18/23 00:31*	*1*
DCB Decachlorobiphenyl (Surr)	*73*		*63 - 138*	*04/12/23 16:48*	*04/18/23 00:31*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*55 - 135*	*04/12/23 16:48*	*04/18/23 00:31*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*55 - 135*	*04/12/23 16:48*	*04/18/23 00:31*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9600**		18	4.5	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Antimony	ND		0.91	0.28	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Arsenic	**8.8**		0.91	0.57	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Barium	**130**		18	3.2	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Beryllium	**0.55**		0.36	0.099	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Cadmium	**1.2**		0.45	0.067	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Calcium	**4800**		450	59	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1

Client Sample ID: SSHS-IRM5A2-SCV55-0-0.17

Lab Sample ID: 180-154813-10

Date Collected: 04/07/23 11:10
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 72.4

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	44		0.45	0.41	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Cobalt	9.2		4.5	0.64	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Copper	50		2.3	1.4	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Iron	20000		9.1	8.8	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Lead	130		0.91	0.79	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Magnesium	2500		450	50	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Manganese	450		1.4	0.25	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Nickel	24		3.6	0.46	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Potassium	910		450	77	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Selenium	0.55	J	0.91	0.42	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Silver	ND		0.45	0.094	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Sodium	68	J	450	47	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Thallium	ND		1.8	0.26	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Vanadium	16		4.5	0.72	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1
Zinc	810	B	1.8	1.3	mg/Kg	☼	05/01/23 11:30	05/03/23 15:29	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.26		0.042	0.027	mg/Kg	☼	04/27/23 08:35	04/28/23 12:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	27.6		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	72.4		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV55-0.17-1

Lab Sample ID: 180-154813-11

Date Collected: 04/07/23 11:15
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 81.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.4	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Benzene	ND		5.6	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Bromomethane	ND		5.6	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
2-Butanone (MEK)	ND		5.6	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Carbon disulfide	ND	*+	5.6	4.5	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Carbon tetrachloride	ND		5.6	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Chlorobenzene	ND		5.6	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Chlorobromomethane	ND		5.6	3.4	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Chlorodibromomethane	ND		5.6	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Chloroethane	ND		5.6	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Chloroform	ND		5.6	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Chloromethane	ND		5.6	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
cis-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Cyclohexane	ND		5.6	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,2-Dibromo-3-Chloropropane	ND		5.6	3.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,2-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV55-0.17-1
Lab Sample ID: 180-154813-11
Date Collected: 04/07/23 11:15
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 81.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		5.6	3.5	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,4-Dichlorobenzene	ND		5.6	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Dichlorobromomethane	ND		5.6	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Dichlorodifluoromethane	ND	*+	5.6	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,1-Dichloroethane	ND		5.6	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,2-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,1-Dichloroethene	ND		5.6	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,2-Dichloropropane	ND		5.6	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Ethylbenzene	ND		5.6	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
2-Hexanone	ND		5.6	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Isopropylbenzene	ND		5.6	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Methyl acetate	ND	*+	28	8.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Methylcyclohexane	ND		5.6	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Methylene Chloride	ND		5.6	5.1	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.6	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Methyl tert-butyl ether	ND		5.6	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
m-Xylene & p-Xylene	ND		5.6	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
o-Xylene	ND		5.6	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Styrene	ND		5.6	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Tetrachloroethene	ND		5.6	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Toluene	ND		5.6	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
trans-1,2-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,2,3-Trichlorobenzene	ND		5.6	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,2,4-Trichlorobenzene	ND		5.6	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,1,1-Trichloroethane	ND		5.6	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,1,2-Trichloroethane	ND		5.6	1.1	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Trichloroethene	ND		5.6	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Trichlorofluoromethane	ND		5.6	4.7	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	5.6	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Vinyl chloride	ND		5.6	4.0	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1
Xylenes, Total	ND		11	8.1	ug/Kg	☼	04/18/23 07:04	04/18/23 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*60 - 124*	*04/18/23 07:04*	*04/18/23 13:45*	*1*
Dibromofluoromethane (Surr)	*99*		*69 - 126*	*04/18/23 07:04*	*04/18/23 13:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*73 - 135*	*04/18/23 07:04*	*04/18/23 13:45*	*1*
Toluene-d8 (Surr)	*108*		*67 - 134*	*04/18/23 07:04*	*04/18/23 13:45*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		82	24	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Acenaphthylene	**43**	**J**	82	18	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Acetophenone	ND		820	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Anthracene	**31**	**J**	82	21	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Atrazine	ND		820	180	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Benzaldehyde	ND		820	51	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-1

Client Sample ID: SSHS-IRM5A2-SCV55-0.17-1
Date Collected: 04/07/23 11:15
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-11
Matrix: Solid
Percent Solids: 81.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**130**		82	37	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Benzo[a]pyrene	**120**		82	35	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Benzo[b]fluoranthene	**160**		82	20	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Benzo[g,h,i]perylene	**100**		82	18	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Benzo[k]fluoranthene	**44**	**J**	82	25	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Bis(2-chloroethyl)ether	ND		82	15	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Bis(2-ethylhexyl) phthalate	ND		4000	440	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Carbazole	ND		82	19	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2-Chloronaphthalene	ND		82	19	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
4-Chlorophenyl phenyl ether	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Chrysene	**140**		82	45	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Dibenz(a,h)anthracene	ND		82	52	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2,4-Dichlorophenol	ND		82	32	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
4,6-Dinitro-2-methylphenol	ND		2100	710	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
1,4-Dioxane	ND		820	130	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Fluoranthene	**210**		82	22	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Fluorene	ND		82	16	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Hexachlorobenzene	ND		82	29	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Hexachlorobutadiene	ND		82	24	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Hexachlorocyclopentadiene	ND		400	42	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Indeno[1,2,3-cd]pyrene	**72**	**J**	82	41	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Isophorone	ND		400	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2-Methylnaphthalene	ND		82	20	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2-Methylphenol	ND		400	120	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Naphthalene	**35**	**J**	82	16	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Nitrobenzene	ND		820	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV55-0.17-1
Lab Sample ID: 180-154813-11
Date Collected: 04/07/23 11:15
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 81.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
N-Nitrosodi-n-propylamine	ND		82	28	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
N-Nitrosodiphenylamine	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2,2'-oxybis[1-chloropropane]	ND		82	30	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Pentachlorophenol	ND		2100	660	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Phenanthrene	**87**		82	22	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Phenol	ND		400	120	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
Pyrene	**190**		82	19	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1
2,4,6-Trichlorophenol	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*44 - 105*	*04/14/23 09:48*	*04/15/23 12:18*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*04/14/23 09:48*	*04/15/23 12:18*	*1*
Nitrobenzene-d5 (Surr)	*73*		*46 - 105*	*04/14/23 09:48*	*04/15/23 12:18*	*1*
Phenol-d5 (Surr)	*70*		*46 - 105*	*04/14/23 09:48*	*04/15/23 12:18*	*1*
Terphenyl-d14 (Surr)	*72*		*39 - 105*	*04/14/23 09:48*	*04/15/23 12:18*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*34 - 108*	*04/14/23 09:48*	*04/15/23 12:18*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	04/12/23 16:48	04/18/23 00:49	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/12/23 16:48	04/18/23 00:49	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/12/23 16:48	04/18/23 00:49	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/12/23 16:48	04/18/23 00:49	1
PCB-1248	**84**		20	4.8	ug/Kg	☼	04/12/23 16:48	04/18/23 00:49	1
PCB-1254	**38**		20	6.0	ug/Kg	☼	04/12/23 16:48	04/18/23 00:49	1
PCB-1260	ND		20	5.7	ug/Kg	☼	04/12/23 16:48	04/18/23 00:49	1
PCB-1262	ND		20	7.0	ug/Kg	☼	04/12/23 16:48	04/18/23 00:49	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/12/23 16:48	04/18/23 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*	*04/12/23 16:48*	*04/18/23 00:49*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*04/12/23 16:48*	*04/18/23 00:49*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*04/12/23 16:48*	*04/18/23 00:49*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*04/12/23 16:48*	*04/18/23 00:49*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8200**		17	4.2	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Antimony	ND		0.85	0.26	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Arsenic	**9.6**		0.85	0.53	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Barium	**110**		17	3.0	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Beryllium	**0.52**		0.34	0.093	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Cadmium	**1.1**		0.43	0.063	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Calcium	**3900**		430	55	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Chromium	**15**		0.43	0.39	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1

Client Sample ID: SSHS-IRM5A2-SCV55-0.17-1
Lab Sample ID: 180-154813-11

Date Collected: 04/07/23 11:15
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 81.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.3		4.3	0.60	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Copper	55		2.1	1.3	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Iron	21000		8.5	8.3	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Lead	120		0.85	0.74	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Magnesium	2000		430	47	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Manganese	440		1.3	0.24	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Nickel	22		3.4	0.43	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Potassium	640		430	72	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Selenium	0.68	J	0.85	0.39	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Silver	ND		0.43	0.089	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Sodium	64	J	430	44	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Thallium	ND		1.7	0.24	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Vanadium	14		4.3	0.67	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1
Zinc	560	B	1.7	1.2	mg/Kg	☼	05/01/23 11:30	05/03/23 15:34	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.22		0.039	0.025	mg/Kg	☼	04/27/23 08:35	04/28/23 12:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	18.5		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	81.5		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV55-1-2
Lab Sample ID: 180-154813-12

Date Collected: 04/07/23 11:20
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Benzene	ND		5.5	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
2-Butanone (MEK)	ND		5.5	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Carbon disulfide	ND	*+	5.5	4.4	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Carbon tetrachloride	ND		5.5	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
cis-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.6	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,2-Dichlorobenzene	ND		5.5	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-1

Client Sample ID: SSHS-IRM5A2-SCV55-1-2
Date Collected: 04/07/23 11:20
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-12
Matrix: Solid
Percent Solids: 83.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		5.5	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Dichlorodifluoromethane	ND	*+	5.5	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Ethylbenzene	ND		5.5	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Isopropylbenzene	ND		5.5	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Methyl acetate	ND	*+	28	8.2	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Methylcyclohexane	ND		5.5	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Methylene Chloride	ND		5.5	5.0	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
m-Xylene & p-Xylene	ND		5.5	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Styrene	ND		5.5	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,1,1-Trichloroethane	ND		5.5	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Trichlorofluoromethane	ND		5.5	4.6	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	5.5	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Vinyl chloride	ND		5.5	4.0	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1
Xylenes, Total	ND		11	8.0	ug/Kg	☼	04/18/23 07:04	04/18/23 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*60 - 124*	*04/18/23 07:04*	*04/18/23 14:08*	*1*
Dibromofluoromethane (Surr)	*130*	*S1+*	*69 - 126*	*04/18/23 07:04*	*04/18/23 14:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*139*	*S1+*	*73 - 135*	*04/18/23 07:04*	*04/18/23 14:08*	*1*
Toluene-d8 (Surr)	*114*		*67 - 134*	*04/18/23 07:04*	*04/18/23 14:08*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		80	23	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Acenaphthylene	**31**	**J**	80	17	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Acetophenone	ND		800	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Anthracene	**25**	**J**	80	21	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Atrazine	ND		800	170	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Benzaldehyde	ND		800	50	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Benzo[a]anthracene	**100**		80	36	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-1

Client Sample ID: SSHS-IRM5A2-SCV55-1-2
Date Collected: 04/07/23 11:20
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-12
Matrix: Solid
Percent Solids: 83.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**99**		80	35	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Benzo[b]fluoranthene	**120**		80	20	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Benzo[g,h,i]perylene	**82**		80	17	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Benzo[k]fluoranthene	**40**	**J**	80	24	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
1,1'-Biphenyl	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Bis(2-chloroethoxy)methane	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Bis(2-chloroethyl)ether	ND		80	14	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Carbazole	ND		80	19	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2-Chloronaphthalene	ND		80	18	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Chrysene	**120**		80	44	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Dibenz(a,h)anthracene	ND		80	51	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Dibenzofuran	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2,4-Dichlorophenol	ND		80	31	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Dimethyl phthalate	ND		390	160	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Di-n-butyl phthalate	**290**	**J**	390	170	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
4,6-Dinitro-2-methylphenol	ND		2000	690	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2,4-Dinitrophenol	ND		3900	2500	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2,6-Dinitrotoluene	ND		390	160	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
1,4-Dioxane	ND		800	120	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Fluoranthene	**190**		80	21	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Fluorene	ND		80	16	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Hexachlorobenzene	ND		80	29	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Hexachlorobutadiene	ND		80	23	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Hexachlorocyclopentadiene	ND		390	41	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Indeno[1,2,3-cd]pyrene	**65**	**J**	80	40	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Isophorone	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2-Methylnaphthalene	ND		80	19	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Naphthalene	**16**	**J**	80	16	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Nitrobenzene	ND		800	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV55-1-2
Lab Sample ID: 180-154813-12
Date Collected: 04/07/23 11:20
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
N-Nitrosodi-n-propylamine	ND		80	27	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2,2'-oxybis[1-chloropropane]	ND		80	30	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Phenanthrene	**110**		80	21	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Phenol	ND		390	120	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
Pyrene	**180**		80	19	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2,3,4,6-Tetrachlorophenol	ND		390	170	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/14/23 09:48	04/15/23 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*44 - 105*	*04/14/23 09:48*	*04/15/23 12:40*	*1*
2-Fluorophenol (Surr)	*74*		*48 - 105*	*04/14/23 09:48*	*04/15/23 12:40*	*1*
Nitrobenzene-d5 (Surr)	*79*		*46 - 105*	*04/14/23 09:48*	*04/15/23 12:40*	*1*
Phenol-d5 (Surr)	*74*		*46 - 105*	*04/14/23 09:48*	*04/15/23 12:40*	*1*
Terphenyl-d14 (Surr)	*76*		*39 - 105*	*04/14/23 09:48*	*04/15/23 12:40*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*34 - 108*	*04/14/23 09:48*	*04/15/23 12:40*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	04/12/23 16:48	04/18/23 01:08	1
PCB-1221	ND		19	6.9	ug/Kg	☼	04/12/23 16:48	04/18/23 01:08	1
PCB-1232	ND		19	4.7	ug/Kg	☼	04/12/23 16:48	04/18/23 01:08	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/12/23 16:48	04/18/23 01:08	1
PCB-1248	**45**		19	4.7	ug/Kg	☼	04/12/23 16:48	04/18/23 01:08	1
PCB-1254	**25**		19	5.8	ug/Kg	☼	04/12/23 16:48	04/18/23 01:08	1
PCB-1260	ND		19	5.5	ug/Kg	☼	04/12/23 16:48	04/18/23 01:08	1
PCB-1262	ND		19	6.8	ug/Kg	☼	04/12/23 16:48	04/18/23 01:08	1
PCB-1268	ND		19	2.6	ug/Kg	☼	04/12/23 16:48	04/18/23 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*04/12/23 16:48*	*04/18/23 01:08*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*63 - 138*	*04/12/23 16:48*	*04/18/23 01:08*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*04/12/23 16:48*	*04/18/23 01:08*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*55 - 135*	*04/12/23 16:48*	*04/18/23 01:08*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9200**		17	4.3	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Antimony	**0.38**	**J**	0.87	0.26	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Arsenic	**8.4**		0.87	0.54	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Barium	**94**		17	3.1	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Beryllium	**0.45**		0.35	0.094	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Cadmium	**0.70**		0.43	0.064	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Calcium	**5700**		430	56	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Chromium	**13**		0.43	0.39	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Cobalt	**7.4**		4.3	0.61	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1

Client Sample ID: SSHS-IRM5A2-SCV55-1-2

Lab Sample ID: 180-154813-12

Date Collected: 04/07/23 11:20
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	39		2.2	1.3	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Iron	20000		8.7	8.4	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Lead	100		0.87	0.75	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Magnesium	2200		430	48	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Manganese	520		1.3	0.24	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Nickel	20		3.5	0.44	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Potassium	690		430	74	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Selenium	ND		0.87	0.40	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Silver	ND		0.43	0.090	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Sodium	72	J	430	44	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Thallium	ND		1.7	0.25	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Vanadium	16		4.3	0.69	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1
Zinc	220	B	1.7	1.3	mg/Kg	☼	05/01/23 11:30	05/03/23 15:39	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.069		0.038	0.024	mg/Kg	☼	04/27/23 08:35	04/28/23 12:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	16.4		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	83.6		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV56-0-0.67

Lab Sample ID: 180-154813-13

Date Collected: 04/07/23 11:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 73.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		27	5.3	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Benzene	ND		6.8	1.9	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Bromoform	ND		6.8	3.4	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Bromomethane	ND		6.8	3.1	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
2-Butanone (MEK)	ND		6.8	3.5	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Carbon disulfide	ND	*+	6.8	5.4	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Carbon tetrachloride	ND		6.8	2.8	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Chlorobenzene	ND		6.8	1.8	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Chlorobromomethane	ND		6.8	4.1	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Chlorodibromomethane	ND		6.8	3.4	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Chloroethane	ND		6.8	4.0	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Chloroform	ND		6.8	2.2	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Chloromethane	ND		6.8	2.7	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
cis-1,2-Dichloroethene	ND		6.8	2.1	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
cis-1,3-Dichloropropene	ND		6.8	3.0	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Cyclohexane	ND		6.8	3.3	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,2-Dibromo-3-Chloropropane	ND		6.8	4.4	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,2-Dibromoethane	ND		6.8	1.9	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,2-Dichlorobenzene	ND		6.8	2.3	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,3-Dichlorobenzene	ND		6.8	4.2	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,4-Dichlorobenzene	ND		6.8	2.0	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1

Client Sample ID: SSHS-IRM5A2-SCV56-0-0.67
Lab Sample ID: 180-154813-13
Date Collected: 04/07/23 11:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 73.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		6.8	3.2	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Dichlorodifluoromethane	ND	*+	6.8	3.4	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,1-Dichloroethane	ND		6.8	2.2	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,2-Dichloroethane	ND		6.8	2.0	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,1-Dichloroethene	ND		6.8	3.1	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,2-Dichloroethene, Total	ND		14	5.5	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,2-Dichloropropane	ND		6.8	1.8	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,4-Dioxane	ND		1400	48	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Ethylbenzene	ND		6.8	2.5	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
2-Hexanone	ND		6.8	2.1	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Isopropylbenzene	ND		6.8	3.5	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Methyl acetate	ND	*+	34	10	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Methylcyclohexane	ND		6.8	3.3	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Methylene Chloride	ND		6.8	6.1	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
4-Methyl-2-pentanone (MIBK)	ND		6.8	2.5	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Methyl tert-butyl ether	ND		6.8	2.0	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
m-Xylene & p-Xylene	ND		6.8	2.4	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
o-Xylene	ND		6.8	2.7	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Styrene	ND		6.8	2.0	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,1,2,2-Tetrachloroethane	ND		6.8	2.1	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Tetrachloroethene	ND		6.8	2.7	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Toluene	ND		6.8	2.0	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
trans-1,2-Dichloroethene	ND		6.8	2.4	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
trans-1,3-Dichloropropene	ND		6.8	3.1	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,2,3-Trichlorobenzene	ND		6.8	3.7	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,2,4-Trichlorobenzene	ND		6.8	3.5	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,1,1-Trichloroethane	ND		6.8	2.3	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,1,2-Trichloroethane	ND		6.8	1.3	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Trichloroethene	ND		6.8	2.1	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Trichlorofluoromethane	ND		6.8	5.6	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	6.8	2.7	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Vinyl chloride	ND		6.8	4.9	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1
Xylenes, Total	ND		14	9.8	ug/Kg	☼	04/18/23 18:30	04/18/23 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*60 - 124*	*04/18/23 18:30*	*04/18/23 21:14*	*1*
Dibromofluoromethane (Surr)	*122*		*69 - 126*	*04/18/23 18:30*	*04/18/23 21:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*139*	*S1+*	*73 - 135*	*04/18/23 18:30*	*04/18/23 21:14*	*1*
Toluene-d8 (Surr)	*104*		*67 - 134*	*04/18/23 18:30*	*04/18/23 21:14*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		89	26	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Acenaphthylene	**68**	**J**	89	19	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Acetophenone	ND		890	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Anthracene	**47**	**J**	89	23	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Atrazine	ND		890	190	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Benzaldehyde	ND		890	55	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Benzo[a]anthracene	**210**		89	40	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Benzo[a]pyrene	**200**		89	39	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV56-0-0.67
Lab Sample ID: 180-154813-13
Date Collected: 04/07/23 11:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 73.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**270**		89	22	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Benzo[g,h,i]perylene	**190**		89	19	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Benzo[k]fluoranthene	**120**		89	27	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
1,1'-Biphenyl	ND		440	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Bis(2-chloroethoxy)methane	ND		440	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Bis(2-chloroethyl)ether	ND		89	16	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Bis(2-ethylhexyl) phthalate	ND		4400	470	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
4-Bromophenyl phenyl ether	ND		440	190	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Butyl benzyl phthalate	ND		440	310	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Caprolactam	ND		2300	290	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Carbazole	**22**	**J**	89	21	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
4-Chloroaniline	ND		440	120	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
4-Chloro-3-methylphenol	ND		440	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2-Chloronaphthalene	ND		89	20	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2-Chlorophenol	ND		440	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
4-Chlorophenyl phenyl ether	ND		440	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Chrysene	**250**		89	49	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Dibenz(a,h)anthracene	ND		89	57	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Dibenzofuran	ND		440	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
3,3'-Dichlorobenzidine	ND		440	410	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2,4-Dichlorophenol	ND		89	34	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Diethyl phthalate	ND		440	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2,4-Dimethylphenol	ND		440	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Dimethyl phthalate	ND		440	180	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Di-n-butyl phthalate	**250**	**J**	440	190	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
4,6-Dinitro-2-methylphenol	ND		2300	770	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2,4-Dinitrophenol	ND		4400	2800	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2,4-Dinitrotoluene	ND		440	270	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2,6-Dinitrotoluene	ND		440	170	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Di-n-octyl phthalate	ND		440	260	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
1,4-Dioxane	ND		890	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Fluoranthene	**330**		89	23	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Fluorene	ND		89	17	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Hexachlorobenzene	ND		89	32	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Hexachlorobutadiene	ND		89	26	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Hexachlorocyclopentadiene	ND		440	45	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Hexachloroethane	ND		440	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Indeno[1,2,3-cd]pyrene	**150**		89	44	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Isophorone	ND		440	170	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2-Methylnaphthalene	**34**	**J**	89	21	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2-Methylphenol	ND		440	130	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Methylphenol, 3 & 4	ND		440	130	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Naphthalene	**53**	**J**	89	17	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2-Nitroaniline	ND		2300	200	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
3-Nitroaniline	ND		2300	110	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
4-Nitroaniline	ND		2300	170	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Nitrobenzene	ND		890	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2-Nitrophenol	ND		440	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
4-Nitrophenol	ND		2300	310	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1

Client Sample ID: SSHS-IRM5A2-SCV56-0-0.67
Lab Sample ID: 180-154813-13
Date Collected: 04/07/23 11:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 73.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		89	30	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
N-Nitrosodiphenylamine	ND		440	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2,2'-oxybis[1-chloropropane]	ND		89	33	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Pentachlorophenol	ND		2300	710	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Phenanthrene	**110**		89	24	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Phenol	ND		440	130	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
Pyrene	**320**		89	21	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
1,2,4,5-Tetrachlorobenzene	ND		440	180	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2,3,4,6-Tetrachlorophenol	ND		440	190	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2,4,5-Trichlorophenol	ND		440	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1
2,4,6-Trichlorophenol	ND		440	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/14/23 09:48*	*04/15/23 13:02*	*1*
2-Fluorophenol (Surr)	*74*		*48 - 105*	*04/14/23 09:48*	*04/15/23 13:02*	*1*
Nitrobenzene-d5 (Surr)	*83*		*46 - 105*	*04/14/23 09:48*	*04/15/23 13:02*	*1*
Phenol-d5 (Surr)	*76*		*46 - 105*	*04/14/23 09:48*	*04/15/23 13:02*	*1*
Terphenyl-d14 (Surr)	*78*		*39 - 105*	*04/14/23 09:48*	*04/15/23 13:02*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*34 - 108*	*04/14/23 09:48*	*04/15/23 13:02*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.2	ug/Kg	☼	04/12/23 16:48	04/18/23 01:26	1
PCB-1221	ND		22	7.8	ug/Kg	☼	04/12/23 16:48	04/18/23 01:26	1
PCB-1232	ND		22	5.4	ug/Kg	☼	04/12/23 16:48	04/18/23 01:26	1
PCB-1242	ND		22	3.2	ug/Kg	☼	04/12/23 16:48	04/18/23 01:26	1
PCB-1248	**200**		22	5.3	ug/Kg	☼	04/12/23 16:48	04/18/23 01:26	1
PCB-1254	**100**		22	6.6	ug/Kg	☼	04/12/23 16:48	04/18/23 01:26	1
PCB-1260	ND		22	6.3	ug/Kg	☼	04/12/23 16:48	04/18/23 01:26	1
PCB-1262	ND		22	7.8	ug/Kg	☼	04/12/23 16:48	04/18/23 01:26	1
PCB-1268	ND		22	3.0	ug/Kg	☼	04/12/23 16:48	04/18/23 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*86*		*63 - 138*	*04/12/23 16:48*	*04/18/23 01:26*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*04/12/23 16:48*	*04/18/23 01:26*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*55 - 135*	*04/12/23 16:48*	*04/18/23 01:26*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*55 - 135*	*04/12/23 16:48*	*04/18/23 01:26*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9800**		20	5.0	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Antimony	ND		1.0	0.30	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Arsenic	**13**		1.0	0.63	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Barium	**130**		20	3.6	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Beryllium	**0.63**		0.40	0.11	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Cadmium	**1.3**		0.50	0.074	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Calcium	**4400**		500	65	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Chromium	**19**		0.50	0.46	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Cobalt	**10**		5.0	0.71	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Copper	**53**		2.5	1.5	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1

Client Sample ID: SSHS-IRM5A2-SCV56-0-0.67

Lab Sample ID: 180-154813-13

Date Collected: 04/07/23 11:25
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 73.1

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	24000		10	9.8	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Lead	110		1.0	0.88	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Magnesium	2600		500	55	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Manganese	520		1.5	0.28	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Nickel	30		4.0	0.51	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Potassium	930		500	86	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Selenium	0.55	J	1.0	0.46	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Silver	ND		0.50	0.10	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Sodium	110	J	500	52	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Thallium	ND		2.0	0.29	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Vanadium	17		5.0	0.80	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1
Zinc	520	B	2.0	1.5	mg/Kg	☼	05/01/23 11:30	05/03/23 15:44	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.26		0.040	0.026	mg/Kg	☼	04/27/23 08:35	04/28/23 12:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	26.9		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	73.1		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV56-0.67-1.67

Lab Sample ID: 180-154813-14

Date Collected: 04/07/23 11:30
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 80.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.5	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Benzene	ND		5.8	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Bromoform	ND		5.8	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Bromomethane	ND		5.8	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
2-Butanone (MEK)	ND		5.8	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Carbon disulfide	ND	*+	5.8	4.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Carbon tetrachloride	ND		5.8	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Chlorobenzene	ND		5.8	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Chlorobromomethane	ND		5.8	3.5	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Chlorodibromomethane	ND		5.8	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Chloroethane	ND		5.8	3.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Chloroform	ND		5.8	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Chloromethane	ND		5.8	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
cis-1,2-Dichloroethene	ND		5.8	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
cis-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Cyclohexane	ND		5.8	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,2-Dibromo-3-Chloropropane	ND		5.8	3.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,2-Dibromoethane	ND		5.8	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,2-Dichlorobenzene	ND		5.8	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,3-Dichlorobenzene	ND		5.8	3.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,4-Dichlorobenzene	ND		5.8	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Dichlorobromomethane	ND		5.8	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV56-0.67-1.67
Lab Sample ID: 180-154813-14
Date Collected: 04/07/23 11:30
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 80.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	*+	5.8	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,1-Dichloroethane	ND		5.8	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,2-Dichloroethane	ND		5.8	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,1-Dichloroethene	ND		5.8	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,2-Dichloropropane	ND		5.8	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,4-Dioxane	ND		1200	41	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Ethylbenzene	ND		5.8	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
2-Hexanone	ND		5.8	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Isopropylbenzene	ND		5.8	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Methyl acetate	ND	*+	29	8.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Methylcyclohexane	ND		5.8	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Methylene Chloride	ND		5.8	5.3	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.8	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Methyl tert-butyl ether	ND		5.8	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
m-Xylene & p-Xylene	ND		5.8	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
o-Xylene	ND		5.8	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Styrene	ND		5.8	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Tetrachloroethene	ND		5.8	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Toluene	ND		5.8	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
trans-1,2-Dichloroethene	ND		5.8	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
trans-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,2,3-Trichlorobenzene	ND		5.8	3.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,2,4-Trichlorobenzene	ND		5.8	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,1,1-Trichloroethane	ND		5.8	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,1,2-Trichloroethane	ND		5.8	1.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Trichloroethene	ND		5.8	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Trichlorofluoromethane	ND		5.8	4.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	5.8	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Vinyl chloride	ND		5.8	4.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1
Xylenes, Total	ND		12	8.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*	*04/18/23 07:04*	*04/18/23 15:00*	*1*
Dibromofluoromethane (Surr)	*118*		*69 - 126*	*04/18/23 07:04*	*04/18/23 15:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*141*	*S1+*	*73 - 135*	*04/18/23 07:04*	*04/18/23 15:00*	*1*
Toluene-d8 (Surr)	*102*		*67 - 134*	*04/18/23 07:04*	*04/18/23 15:00*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		82	23	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Acenaphthylene	**82**		82	18	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Acetophenone	ND		820	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Anthracene	**46**	**J**	82	21	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Atrazine	ND		820	180	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Benzaldehyde	ND		820	50	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Benzo[a]anthracene	**160**		82	37	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Benzo[a]pyrene	**150**		82	35	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Benzo[b]fluoranthene	**240**		82	20	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-1

Client Sample ID: SSHS-IRM5A2-SCV56-0.67-1.67
Date Collected: 04/07/23 11:30
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-14
Matrix: Solid
Percent Solids: 80.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**160**		82	18	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Benzo[k]fluoranthene	**69**	**J**	82	24	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Bis(2-chloroethyl)ether	ND		82	15	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Caprolactam	ND		2100	260	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Carbazole	**20**	**J**	82	19	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2-Chloronaphthalene	ND		82	19	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
4-Chlorophenyl phenyl ether	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Chrysene	**190**		82	45	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Dibenz(a,h)anthracene	ND		82	52	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2,4-Dichlorophenol	ND		82	31	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Di-n-butyl phthalate	**280**	**J**	400	180	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
1,4-Dioxane	ND		820	130	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Fluoranthene	**250**		82	21	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Fluorene	ND		82	16	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Hexachlorobenzene	ND		82	29	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Hexachlorobutadiene	ND		82	24	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Hexachlorocyclopentadiene	ND		400	42	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Indeno[1,2,3-cd]pyrene	**130**		82	40	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Isophorone	ND		400	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2-Methylnaphthalene	**35**	**J**	82	19	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2-Methylphenol	ND		400	120	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Naphthalene	**45**	**J**	82	16	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Nitrobenzene	ND		820	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
N-Nitrosodi-n-propylamine	ND		82	28	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1

Client Sample ID: SSHS-IRM5A2-SCV56-0.67-1.67
Date Collected: 04/07/23 11:30
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-14
Matrix: Solid
Percent Solids: 80.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2,2'-oxybis[1-chloropropane]	ND		82	30	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Pentachlorophenol	ND		2100	650	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Phenanthrene	**100**		82	22	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Phenol	ND		400	120	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
Pyrene	**240**		82	19	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1
2,4,6-Trichlorophenol	ND		400	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*44 - 105*	*04/14/23 09:48*	*04/15/23 13:24*	*1*
2-Fluorophenol (Surr)	*81*		*48 - 105*	*04/14/23 09:48*	*04/15/23 13:24*	*1*
Nitrobenzene-d5 (Surr)	*84*		*46 - 105*	*04/14/23 09:48*	*04/15/23 13:24*	*1*
Phenol-d5 (Surr)	*82*		*46 - 105*	*04/14/23 09:48*	*04/15/23 13:24*	*1*
Terphenyl-d14 (Surr)	*76*		*39 - 105*	*04/14/23 09:48*	*04/15/23 13:24*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*34 - 108*	*04/14/23 09:48*	*04/15/23 13:24*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	04/12/23 16:48	04/18/23 04:11	1
PCB-1221	ND		20	7.2	ug/Kg	☼	04/12/23 16:48	04/18/23 04:11	1
PCB-1232	ND		20	4.9	ug/Kg	☼	04/12/23 16:48	04/18/23 04:11	1
PCB-1242	ND		20	3.0	ug/Kg	☼	04/12/23 16:48	04/18/23 04:11	1
PCB-1248	**150**		20	4.9	ug/Kg	☼	04/12/23 16:48	04/18/23 04:11	1
PCB-1254	**87**		20	6.1	ug/Kg	☼	04/12/23 16:48	04/18/23 04:11	1
PCB-1260	ND		20	5.8	ug/Kg	☼	04/12/23 16:48	04/18/23 04:11	1
PCB-1262	ND		20	7.1	ug/Kg	☼	04/12/23 16:48	04/18/23 04:11	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/12/23 16:48	04/18/23 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*86*		*63 - 138*	*04/12/23 16:48*	*04/18/23 04:11*	*1*
DCB Decachlorobiphenyl (Surr)	*84*		*63 - 138*	*04/12/23 16:48*	*04/18/23 04:11*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*55 - 135*	*04/12/23 16:48*	*04/18/23 04:11*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*	*04/12/23 16:48*	*04/18/23 04:11*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9800**		16	4.0	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Antimony	**0.28**	**J**	0.81	0.24	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Arsenic	**13**		0.81	0.51	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Barium	**110**		16	2.9	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Beryllium	**0.65**		0.32	0.088	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Cadmium	**1.6**		0.40	0.059	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Calcium	**3300**		400	52	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Chromium	**16**		0.40	0.37	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Cobalt	**12**		4.0	0.57	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Copper	**52**		2.0	1.2	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Iron	**30000**		8.1	7.9	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1

Client Sample ID: SSHS-IRM5A2-SCV56-0.67-1.67
Lab Sample ID: 180-154813-14

Date Collected: 04/07/23 11:30
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 80.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	170		0.81	0.70	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Magnesium	2300		400	44	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Manganese	610		1.2	0.22	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Nickel	34		3.2	0.41	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Potassium	840		400	69	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Selenium	0.61	J	0.81	0.37	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Silver	ND		0.40	0.084	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Sodium	72	J	400	41	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Thallium	ND		1.6	0.23	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Vanadium	18		4.0	0.64	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1
Zinc	430	B	1.6	1.2	mg/Kg	☼	05/01/23 11:30	05/03/23 15:49	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.19		0.037	0.024	mg/Kg	☼	04/27/23 08:35	04/28/23 12:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	19.5		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	80.5		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV57-0-0.17
Lab Sample ID: 180-154813-15

Date Collected: 04/07/23 11:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 78.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Bromomethane	ND		5.9	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
2-Butanone (MEK)	ND		5.9	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Carbon disulfide	ND	*+	5.9	4.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Chlorobromomethane	ND		5.9	3.5	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Chloroethane	ND		5.9	3.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,3-Dichlorobenzene	ND		5.9	3.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Dichlorobromomethane	ND		5.9	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Dichlorodifluoromethane	ND	*+	5.9	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1

Client Sample ID: SSHS-IRM5A2-SCV57-0-0.17
Date Collected: 04/07/23 11:35
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-15
Matrix: Solid
Percent Solids: 78.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,1-Dichloroethene	ND		5.9	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
2-Hexanone	ND		5.9	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Isopropylbenzene	ND		5.9	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Methyl acetate	ND	*+	29	8.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Methylcyclohexane	ND		5.9	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
trans-1,2-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
trans-1,3-Dichloropropene	ND		5.9	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,2,3-Trichlorobenzene	ND		5.9	3.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Trichloroethene	ND		5.9	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	5.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Vinyl chloride	ND		5.9	4.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1
Xylenes, Total	ND		12	8.5	ug/Kg	☼	04/18/23 07:04	04/18/23 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*	*04/18/23 07:04*	*04/18/23 15:23*	*1*
Dibromofluoromethane (Surr)	*113*		*69 - 126*	*04/18/23 07:04*	*04/18/23 15:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*		*73 - 135*	*04/18/23 07:04*	*04/18/23 15:23*	*1*
Toluene-d8 (Surr)	*77*		*67 - 134*	*04/18/23 07:04*	*04/18/23 15:23*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		86	25	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Acenaphthylene	**210**		86	19	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Acetophenone	ND		860	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Anthracene	**150**		86	22	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Atrazine	ND		860	190	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Benzaldehyde	ND		860	53	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Benzo[a]anthracene	**490**		86	39	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Benzo[a]pyrene	**420**		86	37	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Benzo[b]fluoranthene	**750**		86	21	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Benzo[g,h,i]perylene	**400**		86	18	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV57-0-0.17
Lab Sample ID: 180-154813-15
Date Collected: 04/07/23 11:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 78.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	**170**		86	26	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
1,1'-Biphenyl	ND		420	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Bis(2-chloroethoxy)methane	ND		420	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Bis(2-chloroethyl)ether	ND		86	15	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Carbazole	**50**	**J**	86	20	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2-Chloronaphthalene	ND		86	20	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Chrysene	**540**		86	47	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Dibenz(a,h)anthracene	**110**		86	55	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Dibenzofuran	ND		420	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
3,3'-Dichlorobenzidine	ND		420	400	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2,4-Dichlorophenol	ND		86	33	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Di-n-butyl phthalate	ND		420	190	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
4,6-Dinitro-2-methylphenol	ND		2200	740	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2,6-Dinitrotoluene	ND		420	170	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
1,4-Dioxane	ND		860	130	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Fluoranthene	**920**		86	23	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Fluorene	**24**	**J**	86	17	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Hexachlorobenzene	ND		86	31	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Hexachlorobutadiene	ND		86	25	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Hexachlorocyclopentadiene	ND		420	44	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Indeno[1,2,3-cd]pyrene	**340**		86	42	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Isophorone	ND		420	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2-Methylnaphthalene	**54**	**J**	86	20	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Methylphenol, 3 & 4	ND		420	130	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Naphthalene	**91**		86	17	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2-Nitroaniline	ND		2200	190	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Nitrobenzene	ND		860	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
N-Nitrosodi-n-propylamine	ND		86	29	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-1

Client Sample ID: SSHS-IRM5A2-SCV57-0-0.17
Date Collected: 04/07/23 11:35
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-15
Matrix: Solid
Percent Solids: 78.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		86	32	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Pentachlorophenol	ND		2200	690	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Phenanthrene	**200**		86	23	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Phenol	ND		420	130	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
Pyrene	**880**		86	20	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/14/23 09:48	04/15/23 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*04/14/23 09:48*	*04/15/23 13:47*	*1*
2-Fluorophenol (Surr)	*83*		*48 - 105*	*04/14/23 09:48*	*04/15/23 13:47*	*1*
Nitrobenzene-d5 (Surr)	*90*		*46 - 105*	*04/14/23 09:48*	*04/15/23 13:47*	*1*
Phenol-d5 (Surr)	*83*		*46 - 105*	*04/14/23 09:48*	*04/15/23 13:47*	*1*
Terphenyl-d14 (Surr)	*81*		*39 - 105*	*04/14/23 09:48*	*04/15/23 13:47*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*34 - 108*	*04/14/23 09:48*	*04/15/23 13:47*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.9	ug/Kg	☼	04/12/23 16:48	04/18/23 04:30	1
PCB-1221	ND		21	7.5	ug/Kg	☼	04/12/23 16:48	04/18/23 04:30	1
PCB-1232	ND		21	5.2	ug/Kg	☼	04/12/23 16:48	04/18/23 04:30	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/12/23 16:48	04/18/23 04:30	1
PCB-1248	**490**		21	5.1	ug/Kg	☼	04/12/23 16:48	04/18/23 04:30	1
PCB-1254	**280**		21	6.4	ug/Kg	☼	04/12/23 16:48	04/18/23 04:30	1
PCB-1260	ND		21	6.1	ug/Kg	☼	04/12/23 16:48	04/18/23 04:30	1
PCB-1262	ND		21	7.5	ug/Kg	☼	04/12/23 16:48	04/18/23 04:30	1
PCB-1268	ND		21	2.9	ug/Kg	☼	04/12/23 16:48	04/18/23 04:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*	*04/12/23 16:48*	*04/18/23 04:30*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*63 - 138*	*04/12/23 16:48*	*04/18/23 04:30*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*55 - 135*	*04/12/23 16:48*	*04/18/23 04:30*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*55 - 135*	*04/12/23 16:48*	*04/18/23 04:30*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9800**		18	4.5	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Antimony	**1.6**		0.90	0.27	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Arsenic	**19**		0.90	0.56	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Barium	**130**		18	3.2	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Beryllium	**0.59**		0.36	0.098	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Cadmium	**2.0**		0.45	0.066	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Calcium	**6000**		450	58	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Chromium	**19**		0.45	0.41	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Cobalt	**11**		4.5	0.63	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Copper	**60**		2.3	1.4	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Iron	**33000**		9.0	8.8	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Lead	**200**		0.90	0.78	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1

Client Sample ID: SSHS-IRM5A2-SCV57-0-0.17

Lab Sample ID: 180-154813-15

Date Collected: 04/07/23 11:35
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 78.2

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**3200**		450	49	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Manganese	**540**		1.4	0.25	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Nickel	**37**		3.6	0.45	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Potassium	**950**		450	77	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Selenium	**0.75**	**J**	0.90	0.42	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Silver	ND		0.45	0.094	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Sodium	**79**	**J**	450	46	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Thallium	ND		1.8	0.26	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Vanadium	**17**		4.5	0.71	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1
Zinc	**1500**	**B**	1.8	1.3	mg/Kg	☼	05/01/23 11:30	05/03/23 15:54	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.44**		0.037	0.024	mg/Kg	☼	04/27/23 08:35	04/28/23 13:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**21.8**		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	**78.2**		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV57-0.17-0.83

Lab Sample ID: 180-154813-16

Date Collected: 04/07/23 11:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Bromomethane	ND		5.9	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
2-Butanone (MEK)	ND		5.9	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Carbon disulfide	ND	*+	5.9	4.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Chlorobromomethane	ND		5.9	3.5	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Chloroethane	ND		5.9	3.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,3-Dichlorobenzene	ND		5.9	3.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Dichlorobromomethane	ND		5.9	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Dichlorodifluoromethane	ND	*+	5.9	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1

Client Sample ID: SSHS-IRM5A2-SCV57-0.17-0.83
Date Collected: 04/07/23 11:40
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-16
Matrix: Solid
Percent Solids: 83.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,1-Dichloroethene	ND		5.9	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
2-Hexanone	ND		5.9	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Isopropylbenzene	ND		5.9	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Methyl acetate	ND	*+	29	8.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Methylcyclohexane	ND		5.9	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
trans-1,2-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
trans-1,3-Dichloropropene	ND		5.9	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,2,3-Trichlorobenzene	ND		5.9	3.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Trichloroethene	ND		5.9	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	5.9	2.4	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Vinyl chloride	ND		5.9	4.2	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1
Xylenes, Total	ND		12	8.5	ug/Kg	☼	04/18/23 07:04	04/18/23 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*60 - 124*	*04/18/23 07:04*	*04/18/23 15:46*	*1*
Dibromofluoromethane (Surr)	*137*	*S1+*	*69 - 126*	*04/18/23 07:04*	*04/18/23 15:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*168*	*S1+*	*73 - 135*	*04/18/23 07:04*	*04/18/23 15:46*	*1*
Toluene-d8 (Surr)	*102*		*67 - 134*	*04/18/23 07:04*	*04/18/23 15:46*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		80	23	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Acenaphthylene	**60**	**J**	80	17	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Acetophenone	ND		800	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Anthracene	**41**	**J**	80	21	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Atrazine	ND		800	170	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Benzaldehyde	ND		800	49	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Benzo[a]anthracene	**150**		80	36	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Benzo[a]pyrene	**150**		80	34	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Benzo[b]fluoranthene	**230**		80	19	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Benzo[g,h,i]perylene	**150**		80	17	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Benzo[k]fluoranthene	**69**	**J**	80	24	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-1

Client Sample ID: SSHS-IRM5A2-SCV57-0.17-0.83
Lab Sample ID: 180-154813-16
Date Collected: 04/07/23 11:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Bis(2-chloroethyl)ether	ND		80	14	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Carbazole	ND		80	19	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2-Chloronaphthalene	ND		80	18	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Chrysene	**190**		80	44	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Dibenz(a,h)anthracene	ND		80	51	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Dibenzofuran	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2,4-Dichlorophenol	ND		80	31	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Dimethyl phthalate	ND		390	160	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Di-n-butyl phthalate	ND		390	170	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2,4-Dinitrophenol	ND		3900	2500	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
1,4-Dioxane	ND		800	120	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Fluoranthene	**220**		80	21	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Fluorene	ND		80	16	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Hexachlorobenzene	ND		80	28	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Hexachlorobutadiene	ND		80	23	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Hexachlorocyclopentadiene	ND		390	40	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Indeno[1,2,3-cd]pyrene	**120**		80	39	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Isophorone	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2-Methylnaphthalene	**26**	**J**	80	19	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Naphthalene	**49**	**J**	80	15	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Nitrobenzene	ND		800	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
N-Nitrosodi-n-propylamine	ND		80	27	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2,2'-oxybis[1-chloropropane]	ND		80	29	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV57-0.17-0.83
Lab Sample ID: 180-154813-16
Date Collected: 04/07/23 11:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		2000	640	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Phenanthrene	**95**		80	21	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Phenol	ND		390	120	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
Pyrene	**230**		80	19	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2,3,4,6-Tetrachlorophenol	ND		390	170	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*04/14/23 09:48*	*04/15/23 14:09*	*1*
2-Fluorophenol (Surr)	*83*		*48 - 105*	*04/14/23 09:48*	*04/15/23 14:09*	*1*
Nitrobenzene-d5 (Surr)	*89*		*46 - 105*	*04/14/23 09:48*	*04/15/23 14:09*	*1*
Phenol-d5 (Surr)	*84*		*46 - 105*	*04/14/23 09:48*	*04/15/23 14:09*	*1*
Terphenyl-d14 (Surr)	*84*		*39 - 105*	*04/14/23 09:48*	*04/15/23 14:09*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*04/14/23 09:48*	*04/15/23 14:09*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/12/23 16:48	04/18/23 04:48	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/12/23 16:48	04/18/23 04:48	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/12/23 16:48	04/18/23 04:48	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/12/23 16:48	04/18/23 04:48	1
PCB-1248	**350**		20	4.7	ug/Kg	☼	04/12/23 16:48	04/18/23 04:48	1
PCB-1254	**210**		20	5.9	ug/Kg	☼	04/12/23 16:48	04/18/23 04:48	1
PCB-1260	ND		20	5.6	ug/Kg	☼	04/12/23 16:48	04/18/23 04:48	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/12/23 16:48	04/18/23 04:48	1
PCB-1268	ND		20	2.6	ug/Kg	☼	04/12/23 16:48	04/18/23 04:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*63 - 138*	*04/12/23 16:48*	*04/18/23 04:48*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*04/12/23 16:48*	*04/18/23 04:48*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*04/12/23 16:48*	*04/18/23 04:48*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*55 - 135*	*04/12/23 16:48*	*04/18/23 04:48*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8400**		17	4.3	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Antimony	ND		0.87	0.26	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Arsenic	**10**		0.87	0.54	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Barium	**110**		17	3.1	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Beryllium	**0.49**		0.35	0.094	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Cadmium	**0.89**		0.43	0.064	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Calcium	**7700**		430	56	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Chromium	**14**		0.43	0.39	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Cobalt	**8.1**		4.3	0.61	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Copper	**49**		2.2	1.3	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Iron	**20000**		8.7	8.4	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Lead	**120**		0.87	0.75	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Magnesium	**2300**		430	48	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1

Client Sample ID: SSHS-IRM5A2-SCV57-0.17-0.83

Lab Sample ID: 180-154813-16

Date Collected: 04/07/23 11:40
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 83.7

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	460		1.3	0.24	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Nickel	26		3.5	0.44	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Potassium	710		430	74	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Selenium	ND		0.87	0.40	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Silver	ND		0.43	0.090	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Sodium	83	J	430	44	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Thallium	ND		1.7	0.25	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Vanadium	16		4.3	0.69	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1
Zinc	460	B	1.7	1.3	mg/Kg	☼	05/01/23 11:30	05/03/23 15:59	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.29		0.039	0.025	mg/Kg	☼	04/27/23 08:35	04/28/23 13:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	16.3		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	83.7		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83

Lab Sample ID: 180-154813-17

Date Collected: 04/07/23 11:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 84.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
2-Butanone (MEK)	ND		5.7	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Carbon disulfide	ND	*+	5.7	4.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Chloroethane	ND		5.7	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Chloroform	ND		5.7	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Chloromethane	ND		5.7	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Dichlorobromomethane	ND		5.7	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Dichlorodifluoromethane	ND	*+	5.7	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,2-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83
Lab Sample ID: 180-154813-17
Date Collected: 04/07/23 11:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 84.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,2-Dichloroethene, Total	ND		11	4.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Methyl acetate	ND	*+	29	8.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Methylcyclohexane	ND		5.7	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Methylene Chloride	ND		5.7	5.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Toluene	ND		5.7	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,2,3-Trichlorobenzene	ND		5.7	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Trichlorofluoromethane	ND		5.7	4.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	5.7	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1
Xylenes, Total	ND		11	8.2	ug/Kg	☼	04/18/23 07:04	04/18/23 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*60 - 124*	*04/18/23 07:04*	*04/18/23 16:08*	*1*
Dibromofluoromethane (Surr)	*108*		*69 - 126*	*04/18/23 07:04*	*04/18/23 16:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*73 - 135*	*04/18/23 07:04*	*04/18/23 16:08*	*1*
Toluene-d8 (Surr)	*104*		*67 - 134*	*04/18/23 07:04*	*04/18/23 16:08*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Acenaphthylene	**74**	**J**	77	17	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Acetophenone	ND		770	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Anthracene	**58**	**J**	77	20	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Atrazine	ND		770	170	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Benzaldehyde	ND		770	48	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Benzo[a]anthracene	**200**		77	35	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Benzo[a]pyrene	**180**		77	33	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Benzo[b]fluoranthene	**270**		77	19	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Benzo[g,h,i]perylene	**160**		77	17	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Benzo[k]fluoranthene	**71**	**J**	77	23	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-1

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83
Date Collected: 04/07/23 11:45
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-17
Matrix: Solid
Percent Solids: 84.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Bis(2-chloroethyl)ether	ND		77	14	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Butyl benzyl phthalate	ND		380	260	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Carbazole	**24**	**J**	77	18	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Chrysene	**240**		77	42	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Di-n-butyl phthalate	**280**	**J**	380	170	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
1,4-Dioxane	ND		770	120	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Fluoranthene	**330**		77	20	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Fluorene	ND		77	15	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Hexachloroethane	ND		380	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Indeno[1,2,3-cd]pyrene	**130**		77	38	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Isophorone	ND		380	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2-Methylnaphthalene	**31**	**J**	77	18	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Naphthalene	**41**	**J**	77	15	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2-Nitroaniline	ND		2000	170	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
3-Nitroaniline	ND		2000	97	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Nitrobenzene	ND		770	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83
Date Collected: 04/07/23 11:45
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-17
Matrix: Solid
Percent Solids: 84.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**120**		77	21	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Phenol	ND		380	120	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
Pyrene	**330**		77	18	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*04/14/23 09:48*	*04/15/23 14:31*	*1*
2-Fluorophenol (Surr)	*85*		*48 - 105*	*04/14/23 09:48*	*04/15/23 14:31*	*1*
Nitrobenzene-d5 (Surr)	*84*		*46 - 105*	*04/14/23 09:48*	*04/15/23 14:31*	*1*
Phenol-d5 (Surr)	*83*		*46 - 105*	*04/14/23 09:48*	*04/15/23 14:31*	*1*
Terphenyl-d14 (Surr)	*80*		*39 - 105*	*04/14/23 09:48*	*04/15/23 14:31*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*34 - 108*	*04/14/23 09:48*	*04/15/23 14:31*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	04/12/23 16:48	04/18/23 05:07	1
PCB-1221	ND		19	6.7	ug/Kg	☼	04/12/23 16:48	04/18/23 05:07	1
PCB-1232	ND		19	4.6	ug/Kg	☼	04/12/23 16:48	04/18/23 05:07	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/12/23 16:48	04/18/23 05:07	1
PCB-1248	**280**		19	4.6	ug/Kg	☼	04/12/23 16:48	04/18/23 05:07	1
PCB-1254	**130**		19	5.7	ug/Kg	☼	04/12/23 16:48	04/18/23 05:07	1
PCB-1260	ND		19	5.4	ug/Kg	☼	04/12/23 16:48	04/18/23 05:07	1
PCB-1262	ND		19	6.7	ug/Kg	☼	04/12/23 16:48	04/18/23 05:07	1
PCB-1268	ND		19	2.6	ug/Kg	☼	04/12/23 16:48	04/18/23 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*66*		*63 - 138*	*04/12/23 16:48*	*04/18/23 05:07*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*63 - 138*	*04/12/23 16:48*	*04/18/23 05:07*	*1*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*	*04/12/23 16:48*	*04/18/23 05:07*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*55 - 135*	*04/12/23 16:48*	*04/18/23 05:07*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13000**		22	5.4	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Antimony	ND	F1 F2	1.1	0.33	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Arsenic	**16**		5.5	3.4	mg/Kg	☼	04/17/23 12:07	05/01/23 13:38	5
Barium	**150**	**F1**	22	3.9	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Beryllium	**0.70**	**F2**	0.44	0.12	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Cadmium	**0.53**	**J F2**	2.7	0.40	mg/Kg	☼	04/17/23 12:07	04/27/23 14:40	5
Calcium	**14000**	**F2**	550	71	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Chromium	**21**		0.55	0.50	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Cobalt	**12**		5.5	0.77	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Copper	**63**	**F1**	2.7	1.6	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Iron	**35000**	**F2**	55	53	mg/Kg	☼	04/17/23 12:07	04/27/23 14:40	5
Lead	**130**	**F1 F2**	5.5	4.8	mg/Kg	☼	04/17/23 12:07	04/27/23 14:40	5
Magnesium	**3400**	**F1**	550	60	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Manganese	**710**	**F2**	1.6	0.30	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83
Lab Sample ID: 180-154813-17

Date Collected: 04/07/23 11:45
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 84.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**36**	**F1**	4.4	0.55	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Potassium	**910**		550	93	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Selenium	**0.61**	**J F2**	1.1	0.50	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Silver	ND	F2	0.55	0.11	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Sodium	**110**	**J F2**	550	56	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Thallium	**2.2**	**J F2**	11	1.6	mg/Kg	☼	04/17/23 12:07	04/27/23 14:40	5
Vanadium	**25**		5.5	0.86	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1
Zinc	**640**	**B**	2.2	1.6	mg/Kg	☼	04/17/23 12:07	04/27/23 12:39	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.22**		0.038	0.024	mg/Kg	☼	04/27/23 08:35	04/28/23 13:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**15.2**		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	**84.8**		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP19
Lab Sample ID: 180-154813-18

Date Collected: 04/07/23 00:00
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 77.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		86	25	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Acenaphthylene	**210**		86	19	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Acetophenone	ND		860	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Anthracene	**190**		86	22	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Atrazine	ND		860	190	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Benzaldehyde	ND		860	53	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Benzo[a]anthracene	**550**		86	39	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Benzo[a]pyrene	**470**		86	37	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Benzo[b]fluoranthene	**750**		86	21	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Benzo[g,h,i]perylene	**450**		86	19	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Benzo[k]fluoranthene	**250**		86	26	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
1,1'-Biphenyl	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Bis(2-chloroethoxy)methane	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Bis(2-chloroethyl)ether	ND		86	16	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Bis(2-ethylhexyl) phthalate	ND		4300	460	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
4-Bromophenyl phenyl ether	ND		430	180	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Butyl benzyl phthalate	ND		430	300	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Carbazole	**78**	**J**	86	20	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
4-Chloroaniline	ND		430	110	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
4-Chloro-3-methylphenol	ND		430	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2-Chloronaphthalene	ND		86	20	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2-Chlorophenol	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
4-Chlorophenyl phenyl ether	ND		430	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Chrysene	**610**		86	48	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Dibenz(a,h)anthracene	**120**		86	55	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154813-1

Client Sample ID: SSHS-IRM5A2-SCV-DUP19
Date Collected: 04/07/23 00:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-18
Matrix: Solid
Percent Solids: 77.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
3,3'-Dichlorobenzidine	ND		430	400	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2,4-Dichlorophenol	ND		86	33	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Diethyl phthalate	ND		430	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2,4-Dimethylphenol	ND		430	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Dimethyl phthalate	ND		430	170	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Di-n-butyl phthalate	**260**	**J**	430	190	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
4,6-Dinitro-2-methylphenol	ND		2200	740	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2,4-Dinitrophenol	ND		4300	2700	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2,4-Dinitrotoluene	ND		430	260	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2,6-Dinitrotoluene	ND		430	170	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Di-n-octyl phthalate	ND		430	250	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
1,4-Dioxane	ND		860	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Fluoranthene	**990**		86	23	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Fluorene	**26**	**J**	86	17	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Hexachlorobenzene	ND		86	31	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Hexachlorobutadiene	ND		86	25	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Hexachlorocyclopentadiene	ND		430	44	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Hexachloroethane	ND		430	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Indeno[1,2,3-cd]pyrene	**390**		86	43	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Isophorone	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2-Methylnaphthalene	**52**	**J**	86	21	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2-Methylphenol	ND		430	120	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Methylphenol, 3 & 4	ND		430	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Naphthalene	**88**		86	17	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2-Nitroaniline	ND		2200	200	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Nitrobenzene	ND		860	160	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2-Nitrophenol	ND		430	160	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
N-Nitrosodi-n-propylamine	ND		86	29	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
N-Nitrosodiphenylamine	ND		430	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2,2'-oxybis[1-chloropropane]	ND		86	32	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Pentachlorophenol	ND		2200	690	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Phenanthrene	**300**		86	23	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Phenol	ND		430	130	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
Pyrene	**940**		86	20	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
1,2,4,5-Tetrachlorobenzene	ND		430	170	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2,3,4,6-Tetrachlorophenol	ND		430	180	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2,4,5-Trichlorophenol	ND		430	150	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1
2,4,6-Trichlorophenol	ND		430	140	ug/Kg	☼	04/14/23 09:48	04/15/23 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*44 - 105*	*04/14/23 09:48*	*04/15/23 14:53*	*1*
2-Fluorophenol (Surr)	*84*		*48 - 105*	*04/14/23 09:48*	*04/15/23 14:53*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 105*	*04/14/23 09:48*	*04/15/23 14:53*	*1*
Phenol-d5 (Surr)	*88*		*46 - 105*	*04/14/23 09:48*	*04/15/23 14:53*	*1*
Terphenyl-d14 (Surr)	*85*		*39 - 105*	*04/14/23 09:48*	*04/15/23 14:53*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*34 - 108*	*04/14/23 09:48*	*04/15/23 14:53*	*1*

Client Sample ID: SSHS-IRM5A2-SCV-DUP19

Date Collected: 04/07/23 00:00
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-18

Matrix: Solid
Percent Solids: 77.0

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.9	ug/Kg	☼	04/12/23 16:48	04/18/23 05:25	1
PCB-1221	ND		21	7.6	ug/Kg	☼	04/12/23 16:48	04/18/23 05:25	1
PCB-1232	ND		21	5.2	ug/Kg	☼	04/12/23 16:48	04/18/23 05:25	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/12/23 16:48	04/18/23 05:25	1
PCB-1248	**1100**		21	5.1	ug/Kg	☼	04/12/23 16:48	04/18/23 05:25	1
PCB-1254	**440**		21	6.4	ug/Kg	☼	04/12/23 16:48	04/18/23 05:25	1
PCB-1260	**38**		21	6.1	ug/Kg	☼	04/12/23 16:48	04/18/23 05:25	1
PCB-1262	ND		21	7.5	ug/Kg	☼	04/12/23 16:48	04/18/23 05:25	1
PCB-1268	ND		21	2.9	ug/Kg	☼	04/12/23 16:48	04/18/23 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*77*		*63 - 138*	*04/12/23 16:48*	*04/18/23 05:25*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*63 - 138*	*04/12/23 16:48*	*04/18/23 05:25*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*04/12/23 16:48*	*04/18/23 05:25*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*55 - 135*	*04/12/23 16:48*	*04/18/23 05:25*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9900**		14	3.4	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Antimony	ND		0.68	0.21	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Arsenic	**13**		0.68	0.43	mg/Kg	☼	04/17/23 12:07	05/01/23 13:58	1
Barium	**120**		14	2.4	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Beryllium	**0.58**		0.27	0.074	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Cadmium	**0.63**		0.34	0.050	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Calcium	**13000**		340	44	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Chromium	**18**		0.34	0.31	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Cobalt	**11**		3.4	0.48	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Copper	**59**		1.7	1.0	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Iron	**22000**		6.8	6.7	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Lead	**170**		0.68	0.60	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Magnesium	**3100**		340	38	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Manganese	**620**		1.0	0.19	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Nickel	**36**		2.7	0.34	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Potassium	**830**		340	58	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Selenium	**0.70**		0.68	0.31	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Silver	ND		0.34	0.071	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Sodium	**70**	**J**	340	35	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Thallium	**0.82**	**J**	1.4	0.19	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Vanadium	**18**		3.4	0.54	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1
Zinc	**910**	**B**	1.4	0.99	mg/Kg	☼	04/17/23 12:07	04/27/23 13:03	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.56**		0.039	0.025	mg/Kg	☼	04/27/23 08:35	04/28/23 13:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**23.0**		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	**77.0**		0.1	0.1	%			04/10/23 13:21	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Lab Sample ID: 180-154813-19
Date Collected: 04/07/23 11:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 82.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
2-Butanone (MEK)	ND		5.7	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Carbon disulfide	ND	*+	5.7	4.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Chloroethane	ND		5.7	3.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Chloroform	ND		5.7	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Chloromethane	ND		5.7	2.2	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Dichlorobromomethane	ND		5.7	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Dichlorodifluoromethane	ND	*+	5.7	2.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,2-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Methyl acetate	ND	*+	28	8.4	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Methylcyclohexane	ND		5.7	2.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Methylene Chloride	ND		5.7	5.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Toluene	ND		5.7	1.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,2,3-Trichlorobenzene	ND		5.7	3.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Date Collected: 04/07/23 11:50
Date Received: 04/08/23 08:35

Lab Sample ID: 180-154813-19
Matrix: Solid
Percent Solids: 82.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Trichlorofluoromethane	ND		5.7	4.7	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*+	5.7	2.3	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1
Xylenes, Total	ND		11	8.2	ug/Kg	☼	04/18/23 07:04	04/18/23 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*60 - 124*	*04/18/23 07:04*	*04/18/23 16:31*	*1*
Dibromofluoromethane (Surr)	*122*		*69 - 126*	*04/18/23 07:04*	*04/18/23 16:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*144*	*S1+*	*73 - 135*	*04/18/23 07:04*	*04/18/23 16:31*	*1*
Toluene-d8 (Surr)	*104*		*67 - 134*	*04/18/23 07:04*	*04/18/23 16:31*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		160	46	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Acenaphthylene	**470**		160	35	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Acetophenone	ND		1600	290	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Anthracene	**350**		160	42	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Atrazine	ND		1600	350	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Benzaldehyde	ND		1600	100	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Benzo[a]anthracene	**1200**		160	73	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Benzo[a]pyrene	**1300**		160	70	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Benzo[b]fluoranthene	**1700**		160	40	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Benzo[g,h,i]perylene	**1100**		160	35	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Benzo[k]fluoranthene	**530**		160	48	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
1,1'-Biphenyl	ND		800	290	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Bis(2-chloroethoxy)methane	ND		800	290	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Bis(2-chloroethyl)ether	ND		160	29	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Bis(2-ethylhexyl) phthalate	ND		8000	860	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
4-Bromophenyl phenyl ether	ND		800	340	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Butyl benzyl phthalate	ND		800	550	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Caprolactam	ND		4100	520	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Carbazole	**200**		160	38	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
4-Chloroaniline	ND		800	210	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
4-Chloro-3-methylphenol	ND		800	280	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2-Chloronaphthalene	ND		160	37	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2-Chlorophenol	ND		800	300	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
4-Chlorophenyl phenyl ether	ND		800	270	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Chrysene	**1300**		160	89	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Dibenz(a,h)anthracene	**270**		160	100	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Dibenzofuran	ND		800	300	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
3,3'-Dichlorobenzidine	ND		800	750	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2,4-Dichlorophenol	ND		160	62	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Diethyl phthalate	ND		800	280	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2,4-Dimethylphenol	ND		800	270	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Dimethyl phthalate	ND		800	320	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Di-n-butyl phthalate	**520**	**J**	800	350	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
4,6-Dinitro-2-methylphenol	ND		4100	1400	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2,4-Dinitrophenol	ND		8000	5000	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2,4-Dinitrotoluene	ND		800	480	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17
Lab Sample ID: 180-154813-19
Date Collected: 04/07/23 11:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 82.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		800	310	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Di-n-octyl phthalate	ND		800	470	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
1,4-Dioxane	ND		1600	250	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Fluoranthene	**2000**		160	42	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Fluorene	**73**	**J**	160	32	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Hexachlorobenzene	ND		160	58	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Hexachlorobutadiene	ND		160	47	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Hexachlorocyclopentadiene	ND		800	82	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Hexachloroethane	ND		800	280	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Indeno[1,2,3-cd]pyrene	**920**		160	80	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Isophorone	ND		800	300	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2-Methylnaphthalene	**68**	**J**	160	39	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2-Methylphenol	ND		800	230	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Methylphenol, 3 & 4	ND		800	240	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Naphthalene	**140**	**J**	160	31	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2-Nitroaniline	ND		4100	370	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
3-Nitroaniline	ND		4100	200	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
4-Nitroaniline	ND		4100	300	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Nitrobenzene	ND		1600	290	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2-Nitrophenol	ND		800	300	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
4-Nitrophenol	ND		4100	560	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
N-Nitrosodi-n-propylamine	ND		160	54	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
N-Nitrosodiphenylamine	ND		800	270	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2,2'-oxybis[1-chloropropane]	ND		160	60	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Pentachlorophenol	ND		4100	1300	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Phenanthrene	**800**		160	43	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Phenol	ND		800	240	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
Pyrene	**1800**		160	38	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
1,2,4,5-Tetrachlorobenzene	ND		800	320	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2,3,4,6-Tetrachlorophenol	ND		800	340	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2,4,5-Trichlorophenol	ND		800	280	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2
2,4,6-Trichlorophenol	ND		800	270	ug/Kg	☼	04/14/23 09:48	04/15/23 15:15	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*44 - 105*	*04/14/23 09:48*	*04/15/23 15:15*	*2*
2-Fluorophenol (Surr)	*54*		*48 - 105*	*04/14/23 09:48*	*04/15/23 15:15*	*2*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*04/14/23 09:48*	*04/15/23 15:15*	*2*
Phenol-d5 (Surr)	*74*		*46 - 105*	*04/14/23 09:48*	*04/15/23 15:15*	*2*
Terphenyl-d14 (Surr)	*138*	*S1+*	*39 - 105*	*04/14/23 09:48*	*04/15/23 15:15*	*2*
2,4,6-Tribromophenol (Surr)	*106*		*34 - 108*	*04/14/23 09:48*	*04/15/23 15:15*	*2*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/12/23 16:48	04/18/23 05:44	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/12/23 16:48	04/18/23 05:44	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/12/23 16:48	04/18/23 05:44	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/12/23 16:48	04/18/23 05:44	1
PCB-1248	**610**		20	4.8	ug/Kg	☼	04/12/23 16:48	04/18/23 05:44	1
PCB-1254	**270**		20	5.9	ug/Kg	☼	04/12/23 16:48	04/18/23 05:44	1
PCB-1260	**30**		20	5.6	ug/Kg	☼	04/12/23 16:48	04/18/23 05:44	1

Client Sample ID: SSHS-IRM5A2-SCV58-0-0.17

Lab Sample ID: 180-154813-19

Date Collected: 04/07/23 11:50
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 82.4

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		20	7.0	ug/Kg	☼	04/12/23 16:48	04/18/23 05:44	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/12/23 16:48	04/18/23 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*63 - 138*	*04/12/23 16:48*	*04/18/23 05:44*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*63 - 138*	*04/12/23 16:48*	*04/18/23 05:44*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*55 - 135*	*04/12/23 16:48*	*04/18/23 05:44*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*55 - 135*	*04/12/23 16:48*	*04/18/23 05:44*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		15	3.8	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Antimony	ND		0.76	0.23	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Arsenic	**12**		0.76	0.48	mg/Kg	☼	04/17/23 12:07	05/01/23 14:03	1
Barium	**130**		15	2.7	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Beryllium	**0.54**		0.30	0.083	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Cadmium	**1.8**		0.38	0.056	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Calcium	**12000**		380	49	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Chromium	**18**		0.38	0.34	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Cobalt	**11**		3.8	0.53	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Copper	**49**		1.9	1.1	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Iron	**22000**		7.6	7.4	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Lead	**100**		0.76	0.66	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Magnesium	**4300**		380	42	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Manganese	**590**		1.1	0.21	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Nickel	**35**		3.0	0.38	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Potassium	**970**		380	65	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Selenium	**0.53**	**J**	0.76	0.35	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Silver	ND		0.38	0.079	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Sodium	**85**	**J**	380	39	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Thallium	**0.97**	**J**	1.5	0.22	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Vanadium	**17**		3.8	0.60	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1
Zinc	**1700**	**B**	1.5	1.1	mg/Kg	☼	04/17/23 12:07	04/27/23 13:09	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.37**		0.038	0.024	mg/Kg	☼	04/27/23 08:35	04/28/23 13:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**17.6**		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	**82.4**		0.1	0.1	%			04/10/23 13:21	1

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83

Lab Sample ID: 180-154813-20

Date Collected: 04/07/23 11:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 85.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.5	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Benzene	ND		5.8	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Lab Sample ID: 180-154813-20
Date Collected: 04/07/23 11:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 85.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.8	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Bromomethane	ND		5.8	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
2-Butanone (MEK)	ND		5.8	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Carbon disulfide	ND		5.8	4.7	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Carbon tetrachloride	ND		5.8	2.4	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Chlorobenzene	ND		5.8	1.5	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Chlorobromomethane	ND		5.8	3.5	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Chlorodibromomethane	ND		5.8	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Chloroethane	ND		5.8	3.4	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Chloroform	ND		5.8	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Chloromethane	ND		5.8	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
cis-1,2-Dichloroethene	ND		5.8	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
cis-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Cyclohexane	ND		5.8	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,2-Dibromo-3-Chloropropane	ND		5.8	3.8	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,2-Dibromoethane	ND		5.8	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,2-Dichlorobenzene	ND		5.8	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,3-Dichlorobenzene	ND		5.8	3.6	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,4-Dichlorobenzene	ND		5.8	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Dichlorobromomethane	ND		5.8	2.7	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Dichlorodifluoromethane	ND	*+	5.8	2.9	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,1-Dichloroethane	ND		5.8	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,2-Dichloroethane	ND		5.8	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,1-Dichloroethene	ND		5.8	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,2-Dichloropropane	ND		5.8	1.6	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,4-Dioxane	ND		1200	41	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Ethylbenzene	ND		5.8	2.2	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
2-Hexanone	ND		5.8	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Isopropylbenzene	ND		5.8	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Methyl acetate	ND	*+	29	8.6	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Methylcyclohexane	ND		5.8	2.8	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Methylene Chloride	ND	*+	5.8	5.3	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.8	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Methyl tert-butyl ether	ND		5.8	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
m-Xylene & p-Xylene	ND		5.8	2.1	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
o-Xylene	ND		5.8	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Styrene	ND		5.8	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Tetrachloroethene	ND		5.8	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Toluene	ND		5.8	1.7	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
trans-1,2-Dichloroethene	ND		5.8	2.0	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
trans-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,2,3-Trichlorobenzene	ND		5.8	3.2	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,2,4-Trichlorobenzene	ND		5.8	3.0	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,1,1-Trichloroethane	ND		5.8	1.9	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
1,1,2-Trichloroethane	ND		5.8	1.2	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Trichloroethene	ND		5.8	1.8	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Trichlorofluoromethane	ND		5.8	4.8	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Lab Sample ID: 180-154813-20
Date Collected: 04/07/23 11:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 85.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	2.3	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Vinyl chloride	ND		5.8	4.2	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1
Xylenes, Total	ND		12	8.4	ug/Kg	☼	04/17/23 07:00	04/17/23 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 124*	*04/17/23 07:00*	*04/17/23 11:35*	*1*
Dibromofluoromethane (Surr)	*108*		*69 - 126*	*04/17/23 07:00*	*04/17/23 11:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*73 - 135*	*04/17/23 07:00*	*04/17/23 11:35*	*1*
Toluene-d8 (Surr)	*90*		*67 - 134*	*04/17/23 07:00*	*04/17/23 11:35*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Acenaphthylene	**71**	**J**	76	17	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Acetophenone	ND		760	140	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Anthracene	**100**		76	20	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Atrazine	ND		760	170	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Benzaldehyde	ND		760	47	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Benzo[a]anthracene	**520**		76	34	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Benzo[a]pyrene	**510**		76	33	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Benzo[b]fluoranthene	**700**		76	19	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Benzo[g,h,i]perylene	**350**		76	16	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Benzo[k]fluoranthene	**340**		76	23	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Bis(2-chloroethyl)ether	ND		76	14	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Butyl benzyl phthalate	ND		370	260	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Caprolactam	ND		1900	250	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Carbazole	**41**	**J**	76	18	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Chrysene	**570**		76	42	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Dibenz(a,h)anthracene	**130**		76	48	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Dibenzofuran	ND		370	140	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Dimethyl phthalate	ND		370	150	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Di-n-butyl phthalate	ND		370	170	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2,4-Dinitrotoluene	ND		370	230	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1

Client: Geosyntec Consultants Inc
Job ID: 180-154813-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Lab Sample ID: 180-154813-20
Date Collected: 04/07/23 11:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 85.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		760	120	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Fluoranthene	**660**		76	20	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Fluorene	**17**	**J**	76	15	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Hexachlorocyclopentadiene	ND		370	39	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Hexachloroethane	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Indeno[1,2,3-cd]pyrene	**330**		76	38	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Isophorone	ND		370	140	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2-Methylnaphthalene	**26**	**J**	76	18	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2-Methylphenol	ND		370	110	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Naphthalene	**46**	**J**	76	15	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Nitrobenzene	ND		760	140	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Phenanthrene	**220**		76	20	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Phenol	ND		370	110	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
Pyrene	**550**		76	18	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	04/14/23 09:48	04/15/23 07:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*04/14/23 09:48*	*04/15/23 07:56*	*1*
2-Fluorophenol (Surr)	*83*		*48 - 105*	*04/14/23 09:48*	*04/15/23 07:56*	*1*
Nitrobenzene-d5 (Surr)	*80*		*46 - 105*	*04/14/23 09:48*	*04/15/23 07:56*	*1*
Phenol-d5 (Surr)	*81*		*46 - 105*	*04/14/23 09:48*	*04/15/23 07:56*	*1*
Terphenyl-d14 (Surr)	*78*		*39 - 105*	*04/14/23 09:48*	*04/15/23 07:56*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*34 - 108*	*04/14/23 09:48*	*04/15/23 07:56*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	04/12/23 16:48	04/17/23 20:10	1
PCB-1221	ND		19	6.8	ug/Kg	☼	04/12/23 16:48	04/17/23 20:10	1
PCB-1232	ND		19	4.7	ug/Kg	☼	04/12/23 16:48	04/17/23 20:10	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/12/23 16:48	04/17/23 20:10	1
PCB-1248	**200**		19	4.6	ug/Kg	☼	04/12/23 16:48	04/17/23 20:10	1
PCB-1254	**150**		19	5.8	ug/Kg	☼	04/12/23 16:48	04/17/23 20:10	1
PCB-1260	**30**		19	5.5	ug/Kg	☼	04/12/23 16:48	04/17/23 20:10	1
PCB-1262	ND		19	6.8	ug/Kg	☼	04/12/23 16:48	04/17/23 20:10	1
PCB-1268	ND		19	2.6	ug/Kg	☼	04/12/23 16:48	04/17/23 20:10	1

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Lab Sample ID: 180-154813-20
Date Collected: 04/07/23 11:55
Matrix: Solid
Date Received: 04/08/23 08:35
Percent Solids: 85.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*104*		*63 - 138*	*04/12/23 16:48*	*04/17/23 20:10*	*1*
DCB Decachlorobiphenyl (Surr)	*106*		*63 - 138*	*04/12/23 16:48*	*04/17/23 20:10*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*55 - 135*	*04/12/23 16:48*	*04/17/23 20:10*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*55 - 135*	*04/12/23 16:48*	*04/17/23 20:10*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		18	4.4	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Antimony	ND	F1	1.2	0.36	mg/Kg	☼	04/26/23 07:47	04/27/23 10:48	1
Arsenic	**20**		1.2	0.74	mg/Kg	☼	04/26/23 07:47	04/27/23 10:48	1
Barium	**200**	**F1**	18	3.2	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Beryllium	**0.77**	**F2**	0.36	0.097	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Cadmium	**4.9**	**F2**	2.2	0.33	mg/Kg	☼	04/11/23 11:57	04/26/23 15:54	5
Calcium	**14000**	**F2**	440	57	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Chromium	**31**	**F2**	0.44	0.40	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Cobalt	**12**	**F2 F1**	4.4	0.63	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Copper	**90**	**F2 F1**	2.2	1.3	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Iron	**43000**	**F2**	44	43	mg/Kg	☼	04/11/23 11:57	04/26/23 15:54	5
Lead	**130**	**F2 F1**	4.4	3.9	mg/Kg	☼	04/11/23 11:57	04/26/23 15:54	5
Magnesium	**5300**		440	49	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Manganese	**680**	**F2**	1.3	0.25	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Nickel	**37**	**F2 F1**	3.6	0.45	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Potassium	**870**		590	100	mg/Kg	☼	04/26/23 07:47	04/27/23 10:48	1
Selenium	**2.4**	**F2**	0.89	0.41	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Silver	ND	F2	0.44	0.092	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Sodium	**110**	**J F2**	440	45	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Thallium	**2.1**	**J F2**	8.9	1.3	mg/Kg	☼	04/11/23 11:57	04/26/23 15:54	5
Vanadium	**26**	**F2**	4.4	0.70	mg/Kg	☼	04/11/23 11:57	04/25/23 17:03	1
Zinc	**2000**	**F2 B**	2.3	1.7	mg/Kg	☼	04/26/23 07:47	04/27/23 10:48	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.30**	**F1 F2**	0.037	0.024	mg/Kg	☼	04/27/23 08:35	04/28/23 12:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**14.8**		0.1	0.1	%			04/10/23 13:21	1
Percent Solids (SM22 2540G)	**85.2**		0.1	0.1	%			04/10/23 13:21	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 180-432477/8
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/17/23 11:13	1
Benzene	ND		5.0	1.4	ug/Kg			04/17/23 11:13	1
Bromoform	ND		5.0	2.5	ug/Kg			04/17/23 11:13	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/17/23 11:13	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/17/23 11:13	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/17/23 11:13	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/17/23 11:13	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/17/23 11:13	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/17/23 11:13	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/17/23 11:13	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/17/23 11:13	1
Chloroform	ND		5.0	1.6	ug/Kg			04/17/23 11:13	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/17/23 11:13	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/17/23 11:13	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/17/23 11:13	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/17/23 11:13	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/17/23 11:13	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/17/23 11:13	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/17/23 11:13	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/17/23 11:13	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/17/23 11:13	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/17/23 11:13	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/17/23 11:13	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/17/23 11:13	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/17/23 11:13	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/17/23 11:13	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/17/23 11:13	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/17/23 11:13	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/17/23 11:13	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/17/23 11:13	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/17/23 11:13	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/17/23 11:13	1
Methyl acetate	ND		25	7.4	ug/Kg			04/17/23 11:13	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/17/23 11:13	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/17/23 11:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/17/23 11:13	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/17/23 11:13	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/17/23 11:13	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/17/23 11:13	1
Styrene	ND		5.0	1.5	ug/Kg			04/17/23 11:13	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/17/23 11:13	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/17/23 11:13	1
Toluene	ND		5.0	1.4	ug/Kg			04/17/23 11:13	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/17/23 11:13	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/17/23 11:13	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/17/23 11:13	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/17/23 11:13	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/17/23 11:13	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-432477/8
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/17/23 11:13	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/17/23 11:13	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/17/23 11:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/17/23 11:13	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/17/23 11:13	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/17/23 11:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*		*04/17/23 11:13*	*1*
Dibromofluoromethane (Surr)	*116*		*69 - 126*		*04/17/23 11:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*73 - 135*		*04/17/23 11:13*	*1*
Toluene-d8 (Surr)	*97*		*67 - 134*		*04/17/23 11:13*	*1*

Lab Sample ID: LCS 180-432477/4
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	51.1		ug/Kg		128	23 - 170
Benzene	40.0	39.1		ug/Kg		98	77 - 120
Bromoform	40.0	39.9		ug/Kg		100	37 - 147
Bromomethane	40.0	44.9		ug/Kg		112	47 - 149
2-Butanone (MEK)	40.0	38.9		ug/Kg		97	39 - 157
Carbon disulfide	40.0	52.3		ug/Kg		131	40 - 156
Carbon tetrachloride	40.0	45.4		ug/Kg		114	73 - 130
Chlorobenzene	40.0	36.2		ug/Kg		90	79 - 122
Chlorobromomethane	40.0	44.1		ug/Kg		110	64 - 128
Chlorodibromomethane	40.0	39.9		ug/Kg		100	60 - 134
Chloroethane	40.0	42.1		ug/Kg		105	37 - 159
Chloroform	40.0	41.6		ug/Kg		104	73 - 126
Chloromethane	40.0	36.8		ug/Kg		92	46 - 151
cis-1,2-Dichloroethene	40.0	41.2		ug/Kg		103	77 - 118
cis-1,3-Dichloropropene	40.0	40.1		ug/Kg		100	73 - 127
Cyclohexane	40.0	39.2		ug/Kg		98	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	36.1		ug/Kg		90	30 - 163
1,2-Dibromoethane	40.0	36.3		ug/Kg		91	59 - 137
1,2-Dichlorobenzene	40.0	35.4		ug/Kg		89	76 - 120
1,3-Dichlorobenzene	40.0	36.3		ug/Kg		91	77 - 121
1,4-Dichlorobenzene	40.0	36.8		ug/Kg		92	79 - 120
Dichlorobromomethane	40.0	40.1		ug/Kg		100	75 - 123
Dichlorodifluoromethane	40.0	66.1	*+	ug/Kg		165	26 - 149
1,1-Dichloroethane	40.0	40.1		ug/Kg		100	73 - 124
1,2-Dichloroethane	40.0	48.1		ug/Kg		120	64 - 140
1,1-Dichloroethene	40.0	48.8		ug/Kg		122	55 - 136
1,2-Dichloroethene, Total	80.0	84.9		ug/Kg		106	77 - 119
1,2-Dichloropropane	40.0	34.7		ug/Kg		87	77 - 119
1,4-Dioxane	800	660	J	ug/Kg		82	18 - 166
Ethylbenzene	40.0	35.7		ug/Kg		89	79 - 119

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432477/4
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	40.0	37.7		ug/Kg		94	42 - 152
Isopropylbenzene	40.0	36.8		ug/Kg		92	70 - 125
Methyl acetate	80.0	137	*+	ug/Kg		171	20 - 170
Methylcyclohexane	40.0	38.4		ug/Kg		96	70 - 125
Methylene Chloride	40.0	51.4		ug/Kg		128	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	35.1		ug/Kg		88	51 - 147
Methyl tert-butyl ether	40.0	41.3		ug/Kg		103	58 - 132
m-Xylene & p-Xylene	40.0	37.7		ug/Kg		94	77 - 120
o-Xylene	40.0	35.9		ug/Kg		90	78 - 118
Styrene	40.0	36.1		ug/Kg		90	80 - 120
1,1,2,2-Tetrachloroethane	40.0	37.3		ug/Kg		93	36 - 170
Tetrachloroethene	40.0	40.6		ug/Kg		102	71 - 121
Toluene	40.0	35.9		ug/Kg		90	76 - 120
trans-1,2-Dichloroethene	40.0	43.7		ug/Kg		109	75 - 122
trans-1,3-Dichloropropene	40.0	36.5		ug/Kg		91	68 - 133
1,2,3-Trichlorobenzene	40.0	39.1		ug/Kg		98	29 - 166
1,2,4-Trichlorobenzene	40.0	38.4		ug/Kg		96	22 - 170
1,1,1-Trichloroethane	40.0	44.7		ug/Kg		112	72 - 134
1,1,2-Trichloroethane	40.0	34.5		ug/Kg		86	66 - 128
Trichloroethene	40.0	42.5		ug/Kg		106	69 - 118
Trichlorofluoromethane	40.0	42.1		ug/Kg		105	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	48.3		ug/Kg		121	59 - 135
Vinyl chloride	40.0	35.7		ug/Kg		89	64 - 134
Xylenes, Total	80.0	73.6		ug/Kg		92	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*60 - 124*
Dibromofluoromethane (Surr)	*104*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 135*
Toluene-d8 (Surr)	*98*		*67 - 134*

Lab Sample ID: LCSD 180-432477/5
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	40.0	49.2		ug/Kg		123	23 - 170	4	35
Benzene	40.0	41.6		ug/Kg		104	77 - 120	6	20
Bromoform	40.0	39.0		ug/Kg		98	37 - 147	2	23
Bromomethane	40.0	38.5		ug/Kg		96	47 - 149	15	25
2-Butanone (MEK)	40.0	36.0		ug/Kg		90	39 - 157	8	33
Carbon disulfide	40.0	57.2		ug/Kg		143	40 - 156	9	25
Carbon tetrachloride	40.0	50.6		ug/Kg		127	73 - 130	11	21
Chlorobenzene	40.0	38.8		ug/Kg		97	79 - 122	7	20
Chlorobromomethane	40.0	42.7		ug/Kg		107	64 - 128	3	20
Chlorodibromomethane	40.0	39.3		ug/Kg		98	60 - 134	2	40
Chloroethane	40.0	46.6		ug/Kg		116	37 - 159	10	25
Chloroform	40.0	43.3		ug/Kg		108	73 - 126	4	20

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 180-432477/5
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			40.0	42.0		ug/Kg		105	46 - 151	13	33
cis-1,2-Dichloroethene			40.0	43.2		ug/Kg		108	77 - 118	5	20
cis-1,3-Dichloropropene			40.0	40.1		ug/Kg		100	73 - 127	0	20
Cyclohexane			40.0	44.3		ug/Kg		111	63 - 143	12	25
1,2-Dibromo-3-Chloropropane			40.0	35.9		ug/Kg		90	30 - 163	1	34
1,2-Dibromoethane			40.0	35.4		ug/Kg		89	59 - 137	2	20
1,2-Dichlorobenzene			40.0	35.9		ug/Kg		90	76 - 120	1	20
1,3-Dichlorobenzene			40.0	38.4		ug/Kg		96	77 - 121	6	20
1,4-Dichlorobenzene			40.0	38.8		ug/Kg		97	79 - 120	5	20
Dichlorobromomethane			40.0	39.1		ug/Kg		98	75 - 123	3	20
Dichlorodifluoromethane			40.0	72.2	*+	ug/Kg		181	26 - 149	9	24
1,1-Dichloroethane			40.0	43.0		ug/Kg		107	73 - 124	7	20
1,2-Dichloroethane			40.0	45.8		ug/Kg		115	64 - 140	5	20
1,1-Dichloroethene			40.0	51.6		ug/Kg		129	55 - 136	6	21
1,2-Dichloroethene, Total			80.0	90.1		ug/Kg		113	77 - 119	6	20
1,2-Dichloropropane			40.0	36.2		ug/Kg		90	77 - 119	4	20
1,4-Dioxane			800	634	J	ug/Kg		79	18 - 166	4	40
Ethylbenzene			40.0	40.2		ug/Kg		101	79 - 119	12	20
2-Hexanone			40.0	36.7		ug/Kg		92	42 - 152	3	30
Isopropylbenzene			40.0	40.6		ug/Kg		101	70 - 125	10	21
Methyl acetate			80.0	131		ug/Kg		163	20 - 170	4	33
Methylcyclohexane			40.0	44.3		ug/Kg		111	70 - 125	14	22
Methylene Chloride			40.0	61.6	*+	ug/Kg		154	67 - 131	18	32
4-Methyl-2-pentanone (MIBK)			40.0	32.7		ug/Kg		82	51 - 147	7	27
Methyl tert-butyl ether			40.0	38.8		ug/Kg		97	58 - 132	6	24
m-Xylene & p-Xylene			40.0	42.7		ug/Kg		107	77 - 120	13	20
o-Xylene			40.0	38.8		ug/Kg		97	78 - 118	8	20
Styrene			40.0	39.4		ug/Kg		98	80 - 120	9	20
1,1,2,2-Tetrachloroethane			40.0	35.0		ug/Kg		87	36 - 170	6	23
Tetrachloroethene			40.0	44.6		ug/Kg		112	71 - 121	9	21
Toluene			40.0	39.1		ug/Kg		98	76 - 120	8	20
trans-1,2-Dichloroethene			40.0	46.9		ug/Kg		117	75 - 122	7	20
trans-1,3-Dichloropropene			40.0	36.8		ug/Kg		92	68 - 133	1	20
1,2,3-Trichlorobenzene			40.0	38.3		ug/Kg		96	29 - 166	2	40
1,2,4-Trichlorobenzene			40.0	39.1		ug/Kg		98	22 - 170	2	29
1,1,1-Trichloroethane			40.0	48.2		ug/Kg		120	72 - 134	7	20
1,1,2-Trichloroethane			40.0	34.3		ug/Kg		86	66 - 128	1	21
Trichloroethene			40.0	44.1		ug/Kg		110	69 - 118	4	20
Trichlorofluoromethane			40.0	45.9		ug/Kg		115	32 - 149	9	39
1,1,2-Trichloro-1,2,2-trifluoroethane			40.0	49.5		ug/Kg		124	59 - 135	3	28
Vinyl chloride			40.0	40.2		ug/Kg		100	64 - 134	12	23
Xylenes, Total			80.0	81.5		ug/Kg		102	78 - 118	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*60 - 124*
Dibromofluoromethane (Surr)	*112*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 135*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 180-432477/5
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	*110*		*67 - 134*

Lab Sample ID: 180-154813-20 MS
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 432544

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND		46.5	54.4		ug/Kg	☼	117	23 - 170
Benzene	ND		46.5	42.0		ug/Kg	☼	90	77 - 120
Bromoform	ND		46.5	44.1		ug/Kg	☼	95	37 - 147
Bromomethane	ND		46.5	43.2		ug/Kg	☼	93	47 - 149
2-Butanone (MEK)	ND		46.5	40.6		ug/Kg	☼	87	39 - 157
Carbon disulfide	ND		46.5	56.4		ug/Kg	☼	121	40 - 156
Carbon tetrachloride	ND		46.5	49.1		ug/Kg	☼	106	73 - 130
Chlorobenzene	ND		46.5	39.2		ug/Kg	☼	84	79 - 122
Chlorobromomethane	ND		46.5	46.2		ug/Kg	☼	99	64 - 128
Chlorodibromomethane	ND		46.5	41.2		ug/Kg	☼	89	60 - 134
Chloroethane	ND		46.5	46.1		ug/Kg	☼	99	37 - 159
Chloroform	ND		46.5	43.3		ug/Kg	☼	93	73 - 126
Chloromethane	ND		46.5	35.1		ug/Kg	☼	75	46 - 151
cis-1,2-Dichloroethene	ND		46.5	43.7		ug/Kg	☼	94	77 - 118
cis-1,3-Dichloropropene	ND		46.5	42.6		ug/Kg	☼	92	73 - 127
Cyclohexane	ND		46.5	42.6		ug/Kg	☼	92	63 - 143
1,2-Dibromo-3-Chloropropane	ND		46.5	41.3		ug/Kg	☼	89	30 - 163
1,2-Dibromoethane	ND		46.5	36.6		ug/Kg	☼	79	59 - 137
1,2-Dichlorobenzene	ND		46.5	38.0		ug/Kg	☼	82	76 - 120
1,3-Dichlorobenzene	ND		46.5	39.2		ug/Kg	☼	84	77 - 121
1,4-Dichlorobenzene	ND		46.5	39.4		ug/Kg	☼	85	79 - 120
Dichlorobromomethane	ND		46.5	42.9		ug/Kg	☼	92	75 - 123
Dichlorodifluoromethane	ND	*+	46.5	66.1		ug/Kg	☼	142	26 - 149
1,1-Dichloroethane	ND		46.5	42.9		ug/Kg	☼	92	73 - 124
1,2-Dichloroethane	ND		46.5	49.8		ug/Kg	☼	107	64 - 140
1,1-Dichloroethene	ND		46.5	54.1		ug/Kg	☼	116	55 - 136
1,2-Dichloroethene, Total	ND		93.0	90.3		ug/Kg	☼	97	77 - 119
1,2-Dichloropropane	ND		46.5	37.1		ug/Kg	☼	80	77 - 119
1,4-Dioxane	ND		930	583	J	ug/Kg	☼	63	18 - 166
Ethylbenzene	ND		46.5	39.0		ug/Kg	☼	84	79 - 119
2-Hexanone	ND		46.5	39.0		ug/Kg	☼	84	42 - 152
Isopropylbenzene	ND		46.5	39.5		ug/Kg	☼	85	70 - 125
Methyl acetate	ND	*+	93.0	146		ug/Kg	☼	157	20 - 170
Methylcyclohexane	ND		46.5	42.9		ug/Kg	☼	92	70 - 125
Methylene Chloride	ND	*+	46.5	49.1		ug/Kg	☼	106	67 - 131
4-Methyl-2-pentanone (MIBK)	ND		46.5	36.3		ug/Kg	☼	78	51 - 147
Methyl tert-butyl ether	ND		46.5	42.9		ug/Kg	☼	92	58 - 132
m-Xylene & p-Xylene	ND		46.5	40.8		ug/Kg	☼	88	77 - 120
o-Xylene	ND		46.5	38.8		ug/Kg	☼	83	78 - 118
Styrene	ND		46.5	39.0		ug/Kg	☼	84	80 - 120
1,1,2,2-Tetrachloroethane	ND		46.5	40.1		ug/Kg	☼	86	36 - 170

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154813-20 MS
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 432544

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	ND		46.5	43.7		ug/Kg	☼	94	71 - 121
Toluene	ND		46.5	38.3		ug/Kg	☼	82	76 - 120
trans-1,2-Dichloroethene	ND		46.5	46.6		ug/Kg	☼	100	75 - 122
trans-1,3-Dichloropropene	ND		46.5	38.6		ug/Kg	☼	83	68 - 133
1,2,3-Trichlorobenzene	ND		46.5	40.6		ug/Kg	☼	87	29 - 166
1,2,4-Trichlorobenzene	ND		46.5	40.8		ug/Kg	☼	88	22 - 170
1,1,1-Trichloroethane	ND		46.5	48.4		ug/Kg	☼	104	72 - 134
1,1,2-Trichloroethane	ND		46.5	37.1		ug/Kg	☼	80	66 - 128
Trichloroethene	ND		46.5	43.8		ug/Kg	☼	94	69 - 118
Trichlorofluoromethane	ND		46.5	43.9		ug/Kg	☼	94	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		46.5	54.8		ug/Kg	☼	118	59 - 135
Vinyl chloride	ND		46.5	35.1		ug/Kg	☼	75	64 - 134
Xylenes, Total	ND		93.0	79.6		ug/Kg	☼	86	78 - 118

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*60 - 124*
Dibromofluoromethane (Surr)	*104*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*103*		*73 - 135*
Toluene-d8 (Surr)	*95*		*67 - 134*

Lab Sample ID: 180-154813-20 MSD
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 432544

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND		46.9	53.3		ug/Kg	☼	114	23 - 170	2	35
Benzene	ND		46.9	43.7		ug/Kg	☼	93	77 - 120	4	20
Bromoform	ND		46.9	44.5		ug/Kg	☼	95	37 - 147	1	23
Bromomethane	ND		46.9	44.3		ug/Kg	☼	94	47 - 149	2	25
2-Butanone (MEK)	ND		46.9	43.9		ug/Kg	☼	94	39 - 157	8	33
Carbon disulfide	ND		46.9	56.3		ug/Kg	☼	120	40 - 156	0	25
Carbon tetrachloride	ND		46.9	48.7		ug/Kg	☼	104	73 - 130	1	21
Chlorobenzene	ND		46.9	40.8		ug/Kg	☼	87	79 - 122	4	20
Chlorobromomethane	ND		46.9	46.8		ug/Kg	☼	100	64 - 128	1	20
Chlorodibromomethane	ND		46.9	43.4		ug/Kg	☼	93	60 - 134	5	40
Chloroethane	ND		46.9	42.8		ug/Kg	☼	91	37 - 159	7	25
Chloroform	ND		46.9	45.1		ug/Kg	☼	96	73 - 126	4	20
Chloromethane	ND		46.9	37.1		ug/Kg	☼	79	46 - 151	6	33
cis-1,2-Dichloroethene	ND		46.9	45.1		ug/Kg	☼	96	77 - 118	3	20
cis-1,3-Dichloropropene	ND		46.9	44.5		ug/Kg	☼	95	73 - 127	4	20
Cyclohexane	ND		46.9	43.8		ug/Kg	☼	93	63 - 143	3	25
1,2-Dibromo-3-Chloropropane	ND		46.9	43.2		ug/Kg	☼	92	30 - 163	5	34
1,2-Dibromoethane	ND		46.9	41.4		ug/Kg	☼	88	59 - 137	12	20
1,2-Dichlorobenzene	ND		46.9	39.2		ug/Kg	☼	84	76 - 120	3	20
1,3-Dichlorobenzene	ND		46.9	40.7		ug/Kg	☼	87	77 - 121	4	20
1,4-Dichlorobenzene	ND		46.9	40.5		ug/Kg	☼	86	79 - 120	3	20
Dichlorobromomethane	ND		46.9	44.4		ug/Kg	☼	95	75 - 123	3	20
Dichlorodifluoromethane	ND	*+	46.9	64.1		ug/Kg	☼	137	26 - 149	3	24

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154813-20 MSD
Matrix: Solid
Analysis Batch: 432477

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 432544

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		46.9	44.0		ug/Kg	☼	94	73 - 124	3	20
1,2-Dichloroethane	ND		46.9	51.6		ug/Kg	☼	110	64 - 140	4	20
1,1-Dichloroethene	ND		46.9	53.0		ug/Kg	☼	113	55 - 136	2	21
1,2-Dichloroethene, Total	ND		93.8	93.6		ug/Kg	☼	100	77 - 119	4	20
1,2-Dichloropropane	ND		46.9	39.1		ug/Kg	☼	83	77 - 119	5	20
1,4-Dioxane	ND		938	663	J	ug/Kg	☼	71	18 - 166	13	40
Ethylbenzene	ND		46.9	40.3		ug/Kg	☼	86	79 - 119	3	20
2-Hexanone	ND		46.9	42.4		ug/Kg	☼	90	42 - 152	8	30
Isopropylbenzene	ND		46.9	40.8		ug/Kg	☼	87	70 - 125	3	21
Methyl acetate	ND	*+	93.8	155		ug/Kg	☼	165	20 - 170	6	33
Methylcyclohexane	ND		46.9	44.4		ug/Kg	☼	95	70 - 125	3	22
Methylene Chloride	ND	*+	46.9	49.5		ug/Kg	☼	106	67 - 131	1	32
4-Methyl-2-pentanone (MIBK)	ND		46.9	39.3		ug/Kg	☼	84	51 - 147	8	27
Methyl tert-butyl ether	ND		46.9	46.1		ug/Kg	☼	98	58 - 132	7	24
m-Xylene & p-Xylene	ND		46.9	41.9		ug/Kg	☼	89	77 - 120	2	20
o-Xylene	ND		46.9	40.7		ug/Kg	☼	87	78 - 118	5	20
Styrene	ND		46.9	40.8		ug/Kg	☼	87	80 - 120	5	20
1,1,2,2-Tetrachloroethane	ND		46.9	42.2		ug/Kg	☼	90	36 - 170	5	23
Tetrachloroethene	ND		46.9	44.1		ug/Kg	☼	94	71 - 121	1	21
Toluene	ND		46.9	40.6		ug/Kg	☼	87	76 - 120	6	20
trans-1,2-Dichloroethene	ND		46.9	48.5		ug/Kg	☼	103	75 - 122	4	20
trans-1,3-Dichloropropene	ND		46.9	42.1		ug/Kg	☼	90	68 - 133	9	20
1,2,3-Trichlorobenzene	ND		46.9	42.4		ug/Kg	☼	91	29 - 166	4	40
1,2,4-Trichlorobenzene	ND		46.9	42.5		ug/Kg	☼	91	22 - 170	4	29
1,1,1-Trichloroethane	ND		46.9	48.6		ug/Kg	☼	104	72 - 134	0	20
1,1,2-Trichloroethane	ND		46.9	39.3		ug/Kg	☼	84	66 - 128	6	21
Trichloroethene	ND		46.9	46.7		ug/Kg	☼	100	69 - 118	6	20
Trichlorofluoromethane	ND		46.9	42.0		ug/Kg	☼	90	32 - 149	5	39
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		46.9	51.2		ug/Kg	☼	109	59 - 135	7	28
Vinyl chloride	ND		46.9	39.5		ug/Kg	☼	84	64 - 134	12	23
Xylenes, Total	ND		93.8	82.6		ug/Kg	☼	88	78 - 118	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*
Dibromofluoromethane (Surr)	*104*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*108*		*73 - 135*
Toluene-d8 (Surr)	*99*		*67 - 134*

Lab Sample ID: MB 180-432587/9
Matrix: Solid
Analysis Batch: 432587

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/18/23 12:06	1
Benzene	ND		5.0	1.4	ug/Kg			04/18/23 12:06	1
Bromoform	ND		5.0	2.5	ug/Kg			04/18/23 12:06	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/18/23 12:06	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/18/23 12:06	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-432587/9
Matrix: Solid
Analysis Batch: 432587

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/18/23 12:06	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/18/23 12:06	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/18/23 12:06	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/18/23 12:06	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/18/23 12:06	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/18/23 12:06	1
Chloroform	ND		5.0	1.6	ug/Kg			04/18/23 12:06	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/18/23 12:06	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/18/23 12:06	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/18/23 12:06	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/18/23 12:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/18/23 12:06	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/18/23 12:06	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/18/23 12:06	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/18/23 12:06	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/18/23 12:06	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/18/23 12:06	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/18/23 12:06	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/18/23 12:06	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/18/23 12:06	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/18/23 12:06	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/18/23 12:06	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/18/23 12:06	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/18/23 12:06	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/18/23 12:06	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/18/23 12:06	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/18/23 12:06	1
Methyl acetate	ND		25	7.4	ug/Kg			04/18/23 12:06	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/18/23 12:06	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/18/23 12:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/18/23 12:06	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/18/23 12:06	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/18/23 12:06	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/18/23 12:06	1
Styrene	ND		5.0	1.5	ug/Kg			04/18/23 12:06	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/18/23 12:06	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/18/23 12:06	1
Toluene	ND		5.0	1.4	ug/Kg			04/18/23 12:06	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/18/23 12:06	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/18/23 12:06	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/18/23 12:06	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/18/23 12:06	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/18/23 12:06	1
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/18/23 12:06	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/18/23 12:06	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/18/23 12:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/18/23 12:06	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/18/23 12:06	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/18/23 12:06	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		60 - 124		04/18/23 12:06	1
Dibromofluoromethane (Surr)	110		69 - 126		04/18/23 12:06	1
1,2-Dichloroethane-d4 (Surr)	124		73 - 135		04/18/23 12:06	1
Toluene-d8 (Surr)	97		67 - 134		04/18/23 12:06	1

Lab Sample ID: LCS 180-432587/4
Matrix: Solid
Analysis Batch: 432587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	54.2		ug/Kg		135	23 - 170
Benzene	40.0	36.3		ug/Kg		91	77 - 120
Bromoform	40.0	38.7		ug/Kg		97	37 - 147
Bromomethane	40.0	41.1		ug/Kg		103	47 - 149
2-Butanone (MEK)	40.0	39.1		ug/Kg		98	39 - 157
Carbon disulfide	40.0	62.7	*+	ug/Kg		157	40 - 156
Carbon tetrachloride	40.0	42.6		ug/Kg		107	73 - 130
Chlorobenzene	40.0	34.5		ug/Kg		86	79 - 122
Chlorobromomethane	40.0	40.9		ug/Kg		102	64 - 128
Chlorodibromomethane	40.0	37.2		ug/Kg		93	60 - 134
Chloroethane	40.0	45.3		ug/Kg		113	37 - 159
Chloroform	40.0	37.9		ug/Kg		95	73 - 126
Chloromethane	40.0	39.2		ug/Kg		98	46 - 151
cis-1,2-Dichloroethene	40.0	37.5		ug/Kg		94	77 - 118
cis-1,3-Dichloropropene	40.0	38.7		ug/Kg		97	73 - 127
Cyclohexane	40.0	37.6		ug/Kg		94	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	41.6		ug/Kg		104	30 - 163
1,2-Dibromoethane	40.0	35.7		ug/Kg		89	59 - 137
1,2-Dichlorobenzene	40.0	33.1		ug/Kg		83	76 - 120
1,3-Dichlorobenzene	40.0	34.1		ug/Kg		85	77 - 121
1,4-Dichlorobenzene	40.0	34.0		ug/Kg		85	79 - 120
Dichlorobromomethane	40.0	38.2		ug/Kg		96	75 - 123
Dichlorodifluoromethane	40.0	66.1	*+	ug/Kg		165	26 - 149
1,1-Dichloroethane	40.0	36.6		ug/Kg		92	73 - 124
1,2-Dichloroethane	40.0	44.0		ug/Kg		110	64 - 140
1,1-Dichloroethene	40.0	51.4		ug/Kg		129	55 - 136
1,2-Dichloroethene, Total	80.0	77.7		ug/Kg		97	77 - 119
1,2-Dichloropropane	40.0	33.7		ug/Kg		84	77 - 119
1,4-Dioxane	800	617	J	ug/Kg		77	18 - 166
Ethylbenzene	40.0	34.2		ug/Kg		86	79 - 119
2-Hexanone	40.0	36.3		ug/Kg		91	42 - 152
Isopropylbenzene	40.0	34.7		ug/Kg		87	70 - 125
Methyl acetate	80.0	158	*+	ug/Kg		197	20 - 170
Methylcyclohexane	40.0	37.7		ug/Kg		94	70 - 125
Methylene Chloride	40.0	43.3		ug/Kg		108	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	34.2		ug/Kg		85	51 - 147
Methyl tert-butyl ether	40.0	40.0		ug/Kg		100	58 - 132
m-Xylene & p-Xylene	40.0	35.8		ug/Kg		90	77 - 120
o-Xylene	40.0	35.2		ug/Kg		88	78 - 118
Styrene	40.0	34.7		ug/Kg		87	80 - 120
1,1,2,2-Tetrachloroethane	40.0	38.5		ug/Kg		96	36 - 170

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432587/4
Matrix: Solid
Analysis Batch: 432587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	40.0	35.9		ug/Kg		90	71 - 121
Toluene	40.0	32.7		ug/Kg		82	76 - 120
trans-1,2-Dichloroethene	40.0	40.2		ug/Kg		100	75 - 122
trans-1,3-Dichloropropene	40.0	34.0		ug/Kg		85	68 - 133
1,2,3-Trichlorobenzene	40.0	42.1		ug/Kg		105	29 - 166
1,2,4-Trichlorobenzene	40.0	41.2		ug/Kg		103	22 - 170
1,1,1-Trichloroethane	40.0	41.2		ug/Kg		103	72 - 134
1,1,2-Trichloroethane	40.0	33.6		ug/Kg		84	66 - 128
Trichloroethene	40.0	39.1		ug/Kg		98	69 - 118
Trichlorofluoromethane	40.0	39.2		ug/Kg		98	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	54.5	*+	ug/Kg		136	59 - 135
Vinyl chloride	40.0	41.7		ug/Kg		104	64 - 134
Xylenes, Total	80.0	71.0		ug/Kg		89	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*
Dibromofluoromethane (Surr)	*106*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*109*		*73 - 135*
Toluene-d8 (Surr)	*95*		*67 - 134*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-432336/1-A
Matrix: Solid
Analysis Batch: 432397

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432336

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Acenaphthylene	ND		67	15	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Acetophenone	ND		670	120	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Anthracene	ND		67	17	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Atrazine	ND		670	150	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Benzaldehyde	ND		670	41	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Benzo[a]anthracene	ND		67	30	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Benzo[a]pyrene	ND		67	29	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
1,1'-Biphenyl	ND		330	120	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Bis(2-chloroethyl)ether	ND		67	12	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Butyl benzyl phthalate	ND		330	230	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Caprolactam	ND		1700	220	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Carbazole	ND		67	16	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
4-Chloroaniline	ND		330	88	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		04/14/23 09:48	04/15/23 06:30	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432336/1-A
Matrix: Solid
Analysis Batch: 432397

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432336

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		67	15	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2-Chlorophenol	ND		330	120	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Chrysene	ND		67	37	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Dibenzofuran	ND		330	120	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2,4-Dichlorophenol	ND		67	26	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Diethyl phthalate	ND		330	120	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Dimethyl phthalate	ND		330	130	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Di-n-butyl phthalate	ND		330	150	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
1,4-Dioxane	ND		670	100	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Fluoranthene	ND		67	18	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Fluorene	ND		67	13	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Hexachlorobenzene	ND		67	24	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Hexachlorobutadiene	ND		67	20	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Hexachlorocyclopentadiene	ND		330	34	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Hexachloroethane	ND		330	120	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Isophorone	ND		330	130	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2-Methylnaphthalene	ND		67	16	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2-Methylphenol	ND		330	96	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Naphthalene	ND		67	13	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2-Nitroaniline	ND		1700	150	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
3-Nitroaniline	ND		1700	85	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
4-Nitroaniline	ND		1700	120	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Nitrobenzene	ND		670	120	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2-Nitrophenol	ND		330	120	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
4-Nitrophenol	ND		1700	230	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Pentachlorophenol	ND		1700	540	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Phenanthrene	ND		67	18	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Phenol	ND		330	100	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
Pyrene	ND		67	16	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		04/14/23 09:48	04/15/23 06:30	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		04/14/23 09:48	04/15/23 06:30	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432336/1-A
Matrix: Solid
Analysis Batch: 432397

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432336

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	65		44 - 105	04/14/23 09:48	04/15/23 06:30	1
2-Fluorophenol (Surr)	71		48 - 105	04/14/23 09:48	04/15/23 06:30	1
Nitrobenzene-d5 (Surr)	73		46 - 105	04/14/23 09:48	04/15/23 06:30	1
Phenol-d5 (Surr)	70		46 - 105	04/14/23 09:48	04/15/23 06:30	1
Terphenyl-d14 (Surr)	73		39 - 105	04/14/23 09:48	04/15/23 06:30	1
2,4,6-Tribromophenol (Surr)	59		34 - 108	04/14/23 09:48	04/15/23 06:30	1

Lab Sample ID: LCS 180-432336/2-A
Matrix: Solid
Analysis Batch: 432397

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432336

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	3840		ug/Kg		58	50 - 100
Acenaphthylene	6670	4000		ug/Kg		60	52 - 100
Acetophenone	6670	3990		ug/Kg		60	48 - 100
Anthracene	6670	3950		ug/Kg		59	53 - 100
Atrazine	6670	4140		ug/Kg		62	49 - 103
Benzaldehyde	6670	3360		ug/Kg		50	23 - 105
Benzo[a]anthracene	6670	4320		ug/Kg		65	51 - 100
Benzo[a]pyrene	6670	4140		ug/Kg		62	51 - 100
Benzo[b]fluoranthene	6670	3980		ug/Kg		60	48 - 100
Benzo[g,h,i]perylene	6670	4180		ug/Kg		63	48 - 105
Benzo[k]fluoranthene	6670	4140		ug/Kg		62	19 - 100
1,1'-Biphenyl	6670	3810		ug/Kg		57	50 - 100
Bis(2-chloroethoxy)methane	6670	4430		ug/Kg		66	49 - 100
Bis(2-chloroethyl)ether	6670	4270		ug/Kg		64	48 - 100
Bis(2-ethylhexyl) phthalate	6670	4020		ug/Kg		60	53 - 107
4-Bromophenyl phenyl ether	6670	4130		ug/Kg		62	52 - 101
Butyl benzyl phthalate	6670	4020		ug/Kg		60	52 - 107
Caprolactam	6670	5370		ug/Kg		81	48 - 111
Carbazole	6670	3850		ug/Kg		58	53 - 100
4-Chloroaniline	6670	4230		ug/Kg		63	47 - 100
4-Chloro-3-methylphenol	6670	4620		ug/Kg		69	49 - 106
2-Chloronaphthalene	6670	3950		ug/Kg		59	51 - 100
2-Chlorophenol	6670	4070		ug/Kg		61	51 - 100
4-Chlorophenyl phenyl ether	6670	4260		ug/Kg		64	52 - 100
Chrysene	6670	3980		ug/Kg		60	50 - 100
Dibenz(a,h)anthracene	6670	4490		ug/Kg		67	50 - 107
Dibenzofuran	6670	3940		ug/Kg		59	52 - 100
3,3'-Dichlorobenzidine	6670	3470		ug/Kg		52	43 - 100
2,4-Dichlorophenol	6670	4630		ug/Kg		69	53 - 101
Diethyl phthalate	6670	4260		ug/Kg		64	48 - 104
2,4-Dimethylphenol	6670	4400		ug/Kg		66	51 - 101
Dimethyl phthalate	6670	4350		ug/Kg		65	53 - 100
Di-n-butyl phthalate	6670	4260		ug/Kg		64	57 - 102
4,6-Dinitro-2-methylphenol	13300	8950		ug/Kg		67	51 - 100
2,4-Dinitrophenol	13300	8490		ug/Kg		64	33 - 101
2,4-Dinitrotoluene	6670	4610		ug/Kg		69	54 - 104

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432336/2-A
Matrix: Solid
Analysis Batch: 432397

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432336

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,6-Dinitrotoluene	6670	4600		ug/Kg		69	51 - 106
Di-n-octyl phthalate	6670	3940		ug/Kg		59	41 - 106
1,4-Dioxane	6670	4620		ug/Kg		69	25 - 125
Fluoranthene	6670	4200		ug/Kg		63	55 - 100
Fluorene	6670	3970		ug/Kg		60	52 - 100
Hexachlorobenzene	6670	3880		ug/Kg		58	49 - 100
Hexachlorobutadiene	6670	4220		ug/Kg		63	38 - 107
Hexachlorocyclopentadiene	6670	4250		ug/Kg		64	33 - 117
Hexachloroethane	6670	4000		ug/Kg		60	47 - 100
Indeno[1,2,3-cd]pyrene	6670	4460		ug/Kg		67	51 - 103
Isophorone	6670	4620		ug/Kg		69	48 - 105
2-Methylnaphthalene	6670	4140		ug/Kg		62	53 - 100
2-Methylphenol	6670	4160		ug/Kg		62	50 - 101
Methylphenol, 3 & 4	6670	4240		ug/Kg		64	50 - 103
Naphthalene	6670	4010		ug/Kg		60	51 - 100
2-Nitroaniline	6670	4730		ug/Kg		71	42 - 123
3-Nitroaniline	6670	4530		ug/Kg		68	50 - 103
4-Nitroaniline	6670	4500		ug/Kg		67	52 - 103
Nitrobenzene	6670	4380		ug/Kg		66	44 - 108
2-Nitrophenol	6670	4650		ug/Kg		70	55 - 107
4-Nitrophenol	13300	9910		ug/Kg		74	30 - 134
N-Nitrosodi-n-propylamine	6670	4360		ug/Kg		65	45 - 107
N-Nitrosodiphenylamine	6670	3910		ug/Kg		59	52 - 100
2,2'-oxybis[1-chloropropane]	6670	2990		ug/Kg		45	30 - 113
Pentachlorophenol	13300	9140		ug/Kg		69	42 - 110
Phenanthrene	6670	3750		ug/Kg		56	53 - 100
Phenol	6670	4250		ug/Kg		64	49 - 100
Pyrene	6670	4170		ug/Kg		63	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	4070		ug/Kg		61	41 - 104
2,3,4,6-Tetrachlorophenol	6670	4550		ug/Kg		68	47 - 104
2,4,5-Trichlorophenol	6670	4700		ug/Kg		70	50 - 104
2,4,6-Trichlorophenol	6670	4780		ug/Kg		72	50 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*55*		*44 - 105*
2-Fluorophenol (Surr)	*62*		*48 - 105*
Nitrobenzene-d5 (Surr)	*63*		*46 - 105*
Phenol-d5 (Surr)	*62*		*46 - 105*
Terphenyl-d14 (Surr)	*59*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*56*		*34 - 108*

Lab Sample ID: 180-154813-20 MS
Matrix: Solid
Analysis Batch: 432397

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 432336

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		7620	5680		ug/Kg	☼	75	50 - 100
Acenaphthylene	71	J	7620	6030		ug/Kg	☼	78	52 - 100

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154813-20 MS
Matrix: Solid
Analysis Batch: 432397

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 432336

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetophenone	ND		7620	5820		ug/Kg	☼	76	48 - 100
Anthracene	100		7620	5840		ug/Kg	☼	75	53 - 100
Atrazine	ND		7620	6040		ug/Kg	☼	79	49 - 103
Benzaldehyde	ND		7620	3590		ug/Kg	☼	47	23 - 105
Benzo[a]anthracene	520		7620	6740		ug/Kg	☼	82	51 - 100
Benzo[a]pyrene	510		7620	5940		ug/Kg	☼	71	51 - 100
Benzo[b]fluoranthene	700		7620	6180		ug/Kg	☼	72	48 - 100
Benzo[g,h,i]perylene	350		7620	7000		ug/Kg	☼	87	48 - 105
Benzo[k]fluoranthene	340		7620	5730		ug/Kg	☼	71	19 - 100
1,1'-Biphenyl	ND		7620	5680		ug/Kg	☼	75	50 - 100
Bis(2-chloroethoxy)methane	ND		7620	6550		ug/Kg	☼	86	49 - 100
Bis(2-chloroethyl)ether	ND		7620	6350		ug/Kg	☼	83	48 - 100
Bis(2-ethylhexyl) phthalate	ND		7620	6320		ug/Kg	☼	83	53 - 107
4-Bromophenyl phenyl ether	ND		7620	6060		ug/Kg	☼	80	52 - 101
Butyl benzyl phthalate	ND		7620	6300		ug/Kg	☼	83	52 - 107
Caprolactam	ND		7620	8040		ug/Kg	☼	106	48 - 111
Carbazole	41	J	7620	5600		ug/Kg	☼	73	53 - 100
4-Chloroaniline	ND		7620	5890		ug/Kg	☼	77	47 - 100
4-Chloro-3-methylphenol	ND		7620	6770		ug/Kg	☼	89	49 - 106
2-Chloronaphthalene	ND		7620	5950		ug/Kg	☼	78	51 - 100
2-Chlorophenol	ND		7620	6030		ug/Kg	☼	79	51 - 100
4-Chlorophenyl phenyl ether	ND		7620	6360		ug/Kg	☼	83	52 - 100
Chrysene	570		7620	6300		ug/Kg	☼	75	50 - 100
Dibenz(a,h)anthracene	130		7620	7110		ug/Kg	☼	92	50 - 107
Dibenzofuran	ND		7620	5840		ug/Kg	☼	77	52 - 100
3,3'-Dichlorobenzidine	ND		7620	5520		ug/Kg	☼	72	43 - 100
2,4-Dichlorophenol	ND		7620	6900		ug/Kg	☼	91	53 - 101
Diethyl phthalate	ND		7620	6270		ug/Kg	☼	82	48 - 104
2,4-Dimethylphenol	ND		7620	6370		ug/Kg	☼	84	51 - 101
Dimethyl phthalate	ND		7620	6290		ug/Kg	☼	83	53 - 100
Di-n-butyl phthalate	ND		7620	6310		ug/Kg	☼	83	57 - 102
4,6-Dinitro-2-methylphenol	ND		15200	12300		ug/Kg	☼	81	51 - 100
2,4-Dinitrophenol	ND		15200	11500		ug/Kg	☼	76	33 - 101
2,4-Dinitrotoluene	ND		7620	6760		ug/Kg	☼	89	54 - 104
2,6-Dinitrotoluene	ND		7620	6670		ug/Kg	☼	88	51 - 106
Di-n-octyl phthalate	ND		7620	6070		ug/Kg	☼	80	41 - 106
1,4-Dioxane	ND		7620	6220		ug/Kg	☼	82	25 - 125
Fluoranthene	660		7620	6400		ug/Kg	☼	75	55 - 100
Fluorene	17	J	7620	5810		ug/Kg	☼	76	52 - 100
Hexachlorobenzene	ND		7620	5520		ug/Kg	☼	72	49 - 100
Hexachlorobutadiene	ND		7620	6130		ug/Kg	☼	81	38 - 107
Hexachlorocyclopentadiene	ND		7620	6010		ug/Kg	☼	79	33 - 117
Hexachloroethane	ND		7620	5890		ug/Kg	☼	77	47 - 100
Indeno[1,2,3-cd]pyrene	330		7620	7250		ug/Kg	☼	91	51 - 103
Isophorone	ND		7620	6990		ug/Kg	☼	92	48 - 105
2-Methylnaphthalene	26	J	7620	6310		ug/Kg	☼	83	53 - 100
2-Methylphenol	ND		7620	6190		ug/Kg	☼	81	50 - 101
Methylphenol, 3 & 4	ND		7620	6330		ug/Kg	☼	83	50 - 103
Naphthalene	46	J	7620	5990		ug/Kg	☼	78	51 - 100

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154813-20 MS
Matrix: Solid
Analysis Batch: 432397

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 432336

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitroaniline	ND		7620	7130		ug/Kg	☼	94	42 - 123
3-Nitroaniline	ND		7620	6360		ug/Kg	☼	83	50 - 103
4-Nitroaniline	ND		7620	6430		ug/Kg	☼	84	52 - 103
Nitrobenzene	ND		7620	6680		ug/Kg	☼	88	44 - 108
2-Nitrophenol	ND		7620	7100		ug/Kg	☼	93	55 - 107
4-Nitrophenol	ND		15200	14400		ug/Kg	☼	95	30 - 134
N-Nitrosodi-n-propylamine	ND		7620	6370		ug/Kg	☼	84	45 - 107
N-Nitrosodiphenylamine	ND		7620	5750		ug/Kg	☼	75	52 - 100
2,2'-oxybis[1-chloropropane]	ND		7620	4480		ug/Kg	☼	59	30 - 113
Pentachlorophenol	ND		15200	13100		ug/Kg	☼	86	42 - 110
Phenanthrene	220		7620	5620		ug/Kg	☼	71	53 - 100
Phenol	ND		7620	6260		ug/Kg	☼	82	49 - 100
Pyrene	550		7620	6470		ug/Kg	☼	78	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		7620	5860		ug/Kg	☼	77	41 - 104
2,3,4,6-Tetrachlorophenol	ND		7620	6800		ug/Kg	☼	89	47 - 104
2,4,5-Trichlorophenol	ND		7620	6900		ug/Kg	☼	91	50 - 104
2,4,6-Trichlorophenol	ND		7620	7080		ug/Kg	☼	93	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*70*		*44 - 105*
2-Fluorophenol (Surr)	*80*		*48 - 105*
Nitrobenzene-d5 (Surr)	*83*		*46 - 105*
Phenol-d5 (Surr)	*81*		*46 - 105*
Terphenyl-d14 (Surr)	*77*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*

Lab Sample ID: 180-154813-20 MSD
Matrix: Solid
Analysis Batch: 432397

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 432336

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		7620	5370		ug/Kg	☼	71	50 - 100	5	20
Acenaphthylene	71	J	7620	5600		ug/Kg	☼	73	52 - 100	7	20
Acetophenone	ND		7620	5640		ug/Kg	☼	74	48 - 100	3	17
Anthracene	100		7620	5640		ug/Kg	☼	73	53 - 100	3	20
Atrazine	ND		7620	5720		ug/Kg	☼	75	49 - 103	5	19
Benzaldehyde	ND		7620	3550		ug/Kg	☼	47	23 - 105	1	31
Benzo[a]anthracene	520		7620	6290		ug/Kg	☼	76	51 - 100	7	21
Benzo[a]pyrene	510		7620	5590		ug/Kg	☼	67	51 - 100	6	20
Benzo[b]fluoranthene	700		7620	5880		ug/Kg	☼	68	48 - 100	5	20
Benzo[g,h,i]perylene	350		7620	6630		ug/Kg	☼	82	48 - 105	6	19
Benzo[k]fluoranthene	340		7620	5220		ug/Kg	☼	64	19 - 100	9	20
1,1'-Biphenyl	ND		7620	5320		ug/Kg	☼	70	50 - 100	6	19
Bis(2-chloroethoxy)methane	ND		7620	5930		ug/Kg	☼	78	49 - 100	10	20
Bis(2-chloroethyl)ether	ND		7620	5970		ug/Kg	☼	78	48 - 100	6	18
Bis(2-ethylhexyl) phthalate	ND		7620	5790		ug/Kg	☼	76	53 - 107	9	20
4-Bromophenyl phenyl ether	ND		7620	5610		ug/Kg	☼	74	52 - 101	8	20
Butyl benzyl phthalate	ND		7620	5790		ug/Kg	☼	76	52 - 107	8	19

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154813-20 MSD
Matrix: Solid
Analysis Batch: 432397

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 432336

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Caprolactam	ND		7620	7560		ug/Kg	☼	99	48 - 111	6	23
Carbazole	41	J	7620	5370		ug/Kg	☼	70	53 - 100	4	20
4-Chloroaniline	ND		7620	5440		ug/Kg	☼	71	47 - 100	8	20
4-Chloro-3-methylphenol	ND		7620	6240		ug/Kg	☼	82	49 - 106	8	20
2-Chloronaphthalene	ND		7620	5510		ug/Kg	☼	72	51 - 100	8	20
2-Chlorophenol	ND		7620	5830		ug/Kg	☼	76	51 - 100	3	17
4-Chlorophenyl phenyl ether	ND		7620	5880		ug/Kg	☼	77	52 - 100	8	19
Chrysene	570		7620	5740		ug/Kg	☼	68	50 - 100	9	20
Dibenz(a,h)anthracene	130		7620	6650		ug/Kg	☼	86	50 - 107	7	21
Dibenzofuran	ND		7620	5430		ug/Kg	☼	71	52 - 100	7	19
3,3'-Dichlorobenzidine	ND		7620	5230		ug/Kg	☼	69	43 - 100	5	19
2,4-Dichlorophenol	ND		7620	6360		ug/Kg	☼	83	53 - 101	8	22
Diethyl phthalate	ND		7620	5840		ug/Kg	☼	77	48 - 104	7	20
2,4-Dimethylphenol	ND		7620	5850		ug/Kg	☼	77	51 - 101	8	32
Dimethyl phthalate	ND		7620	5990		ug/Kg	☼	79	53 - 100	5	21
Di-n-butyl phthalate	ND		7620	5980		ug/Kg	☼	78	57 - 102	5	20
4,6-Dinitro-2-methylphenol	ND		15200	11700		ug/Kg	☼	77	51 - 100	5	22
2,4-Dinitrophenol	ND		15200	10500		ug/Kg	☼	69	33 - 101	10	20
2,4-Dinitrotoluene	ND		7620	6400		ug/Kg	☼	84	54 - 104	5	20
2,6-Dinitrotoluene	ND		7620	6240		ug/Kg	☼	82	51 - 106	7	20
Di-n-octyl phthalate	ND		7620	5700		ug/Kg	☼	75	41 - 106	6	18
1,4-Dioxane	ND		7620	5710		ug/Kg	☼	75	25 - 125	8	17
Fluoranthene	660		7620	6090		ug/Kg	☼	71	55 - 100	5	20
Fluorene	17	J	7620	5480		ug/Kg	☼	72	52 - 100	6	19
Hexachlorobenzene	ND		7620	5260		ug/Kg	☼	69	49 - 100	5	20
Hexachlorobutadiene	ND		7620	5630		ug/Kg	☼	74	38 - 107	9	22
Hexachlorocyclopentadiene	ND		7620	5520		ug/Kg	☼	72	33 - 117	8	19
Hexachloroethane	ND		7620	5560		ug/Kg	☼	73	47 - 100	6	17
Indeno[1,2,3-cd]pyrene	330		7620	6770		ug/Kg	☼	85	51 - 103	7	19
Isophorone	ND		7620	6340		ug/Kg	☼	83	48 - 105	10	20
2-Methylnaphthalene	26	J	7620	5680		ug/Kg	☼	74	53 - 100	11	21
2-Methylphenol	ND		7620	5940		ug/Kg	☼	78	50 - 101	4	17
Methylphenol, 3 & 4	ND		7620	6000		ug/Kg	☼	79	50 - 103	5	19
Naphthalene	46	J	7620	5420		ug/Kg	☼	70	51 - 100	10	20
2-Nitroaniline	ND		7620	6750		ug/Kg	☼	89	42 - 123	6	19
3-Nitroaniline	ND		7620	5980		ug/Kg	☼	78	50 - 103	6	20
4-Nitroaniline	ND		7620	5990		ug/Kg	☼	79	52 - 103	7	18
Nitrobenzene	ND		7620	6200		ug/Kg	☼	81	44 - 108	7	21
2-Nitrophenol	ND		7620	6600		ug/Kg	☼	87	55 - 107	7	19
4-Nitrophenol	ND		15200	13800		ug/Kg	☼	90	30 - 134	5	18
N-Nitrosodi-n-propylamine	ND		7620	6020		ug/Kg	☼	79	45 - 107	6	18
N-Nitrosodiphenylamine	ND		7620	5420		ug/Kg	☼	71	52 - 100	6	20
2,2'-oxybis[1-chloropropane]	ND		7620	4330		ug/Kg	☼	57	30 - 113	4	17
Pentachlorophenol	ND		15200	12600		ug/Kg	☼	82	42 - 110	4	20
Phenanthrene	220		7620	5310		ug/Kg	☼	67	53 - 100	6	20
Phenol	ND		7620	5930		ug/Kg	☼	78	49 - 100	5	16
Pyrene	550		7620	6000		ug/Kg	☼	72	52 - 100	7	20
1,2,4,5-Tetrachlorobenzene	ND		7620	5460		ug/Kg	☼	72	41 - 104	7	21
2,3,4,6-Tetrachlorophenol	ND		7620	6260		ug/Kg	☼	82	47 - 104	8	18

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154813-20 MSD
Matrix: Solid
Analysis Batch: 432397

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 432336

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		7620	6390		ug/Kg	☼	84	50 - 104	8	21
2,4,6-Trichlorophenol	ND		7620	6630		ug/Kg	☼	87	50 - 105	7	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*65*		*44 - 105*
2-Fluorophenol (Surr)	*77*		*48 - 105*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*
Phenol-d5 (Surr)	*76*		*46 - 105*
Terphenyl-d14 (Surr)	*70*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*67*		*34 - 108*

Lab Sample ID: MB 180-432790/1-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432790

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Acenaphthylene	ND		67	15	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Acetophenone	ND		670	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Anthracene	ND		67	17	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Atrazine	ND		670	150	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Benzaldehyde	ND		670	41	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Benzo[a]anthracene	ND		67	30	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Benzo[a]pyrene	ND		67	29	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
1,1'-Biphenyl	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Bis(2-chloroethyl)ether	ND		67	12	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Butyl benzyl phthalate	ND		330	230	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Caprolactam	ND		1700	220	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Carbazole	ND		67	16	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4-Chloroaniline	ND		330	88	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2-Chloronaphthalene	ND		67	15	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2-Chlorophenol	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Chrysene	ND		67	37	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Dibenzofuran	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,4-Dichlorophenol	ND		67	26	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Diethyl phthalate	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Dimethyl phthalate	ND		330	130	ug/Kg		04/19/23 11:35	04/20/23 08:03	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432790/1-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432790

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		330	150	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
1,4-Dioxane	ND		670	100	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Fluoranthene	ND		67	18	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Fluorene	ND		67	13	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Hexachlorobenzene	ND		67	24	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Hexachlorobutadiene	ND		67	20	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Hexachlorocyclopentadiene	ND		330	34	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Hexachloroethane	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Isophorone	ND		330	130	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2-Methylnaphthalene	ND		67	16	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2-Methylphenol	ND		330	96	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Naphthalene	ND		67	13	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2-Nitroaniline	ND		1700	150	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
3-Nitroaniline	ND		1700	85	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4-Nitroaniline	ND		1700	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Nitrobenzene	ND		670	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2-Nitrophenol	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4-Nitrophenol	ND		1700	230	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Pentachlorophenol	ND		1700	540	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Phenanthrene	ND		67	18	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Phenol	ND		330	100	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Pyrene	ND		67	16	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		04/19/23 11:35	04/20/23 08:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*04/19/23 11:35*	*04/20/23 08:03*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*04/19/23 11:35*	*04/20/23 08:03*	*1*
Nitrobenzene-d5 (Surr)	*82*		*46 - 105*	*04/19/23 11:35*	*04/20/23 08:03*	*1*
Phenol-d5 (Surr)	*72*		*46 - 105*	*04/19/23 11:35*	*04/20/23 08:03*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*04/19/23 11:35*	*04/20/23 08:03*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*34 - 108*	*04/19/23 11:35*	*04/20/23 08:03*	*1*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432790/2-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432790

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	5270		ug/Kg		79	50 - 100
Acenaphthylene	6670	5300		ug/Kg		80	52 - 100
Acetophenone	6670	5050		ug/Kg		76	48 - 100
Anthracene	6670	5130		ug/Kg		77	53 - 100
Atrazine	6670	5350		ug/Kg		80	49 - 103
Benzaldehyde	6670	4360		ug/Kg		65	23 - 105
Benzo[a]anthracene	6670	5220		ug/Kg		78	51 - 100
Benzo[a]pyrene	6670	5260		ug/Kg		79	51 - 100
Benzo[b]fluoranthene	6670	5250		ug/Kg		79	48 - 100
Benzo[g,h,i]perylene	6670	5050		ug/Kg		76	48 - 105
Benzo[k]fluoranthene	6670	4930		ug/Kg		74	19 - 100
1,1'-Biphenyl	6670	5320		ug/Kg		80	50 - 100
Bis(2-chloroethoxy)methane	6670	4620		ug/Kg		69	49 - 100
Bis(2-chloroethyl)ether	6670	5300		ug/Kg		80	48 - 100
Bis(2-ethylhexyl) phthalate	6670	5190		ug/Kg		78	53 - 107
4-Bromophenyl phenyl ether	6670	5530		ug/Kg		83	52 - 101
Butyl benzyl phthalate	6670	5630		ug/Kg		84	52 - 107
Caprolactam	6670	6110		ug/Kg		92	48 - 111
Carbazole	6670	5010		ug/Kg		75	53 - 100
4-Chloroaniline	6670	5060		ug/Kg		76	47 - 100
4-Chloro-3-methylphenol	6670	5720		ug/Kg		86	49 - 106
2-Chloronaphthalene	6670	4860		ug/Kg		73	51 - 100
2-Chlorophenol	6670	5050		ug/Kg		76	51 - 100
4-Chlorophenyl phenyl ether	6670	5520		ug/Kg		83	52 - 100
Chrysene	6670	4940		ug/Kg		74	50 - 100
Dibenz(a,h)anthracene	6670	5090		ug/Kg		76	50 - 107
Dibenzofuran	6670	5010		ug/Kg		75	52 - 100
3,3'-Dichlorobenzidine	6670	4980		ug/Kg		75	43 - 100
2,4-Dichlorophenol	6670	5750		ug/Kg		86	53 - 101
Diethyl phthalate	6670	5020		ug/Kg		75	48 - 104
2,4-Dimethylphenol	6670	5530		ug/Kg		83	51 - 101
Dimethyl phthalate	6670	5450		ug/Kg		82	53 - 100
Di-n-butyl phthalate	6670	5360		ug/Kg		80	57 - 102
4,6-Dinitro-2-methylphenol	13300	13000		ug/Kg		98	51 - 100
2,4-Dinitrophenol	13300	12500		ug/Kg		93	33 - 101
2,4-Dinitrotoluene	6670	5740		ug/Kg		86	54 - 104
2,6-Dinitrotoluene	6670	5550		ug/Kg		83	51 - 106
Di-n-octyl phthalate	6670	5430		ug/Kg		81	41 - 106
1,4-Dioxane	6670	5310		ug/Kg		80	25 - 125
Fluoranthene	6670	5380		ug/Kg		81	55 - 100
Fluorene	6670	5130		ug/Kg		77	52 - 100
Hexachlorobenzene	6670	5160		ug/Kg		77	49 - 100
Hexachlorobutadiene	6670	5180		ug/Kg		78	38 - 107
Hexachlorocyclopentadiene	6670	5860		ug/Kg		88	33 - 117
Hexachloroethane	6670	5070		ug/Kg		76	47 - 100
Indeno[1,2,3-cd]pyrene	6670	5130		ug/Kg		77	51 - 103
Isophorone	6670	6000		ug/Kg		90	48 - 105
2-Methylnaphthalene	6670	5180		ug/Kg		78	53 - 100

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432790/2-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432790

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	6670	5330		ug/Kg		80	50 - 101
Methylphenol, 3 & 4	6670	5540		ug/Kg		83	50 - 103
Naphthalene	6670	5080		ug/Kg		76	51 - 100
2-Nitroaniline	6670	6170		ug/Kg		92	42 - 123
3-Nitroaniline	6670	5550		ug/Kg		83	50 - 103
4-Nitroaniline	6670	5350		ug/Kg		80	52 - 103
Nitrobenzene	6670	5880		ug/Kg		88	44 - 108
2-Nitrophenol	6670	6070		ug/Kg		91	55 - 107
4-Nitrophenol	13300	10000		ug/Kg		75	30 - 134
N-Nitrosodi-n-propylamine	6670	5690		ug/Kg		85	45 - 107
N-Nitrosodiphenylamine	6670	5580		ug/Kg		84	52 - 100
2,2'-oxybis[1-chloropropane]	6670	5280		ug/Kg		79	30 - 113
Pentachlorophenol	13300	11200		ug/Kg		84	42 - 110
Phenanthrene	6670	4950		ug/Kg		74	53 - 100
Phenol	6670	5430		ug/Kg		81	49 - 100
Pyrene	6670	5560		ug/Kg		83	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	5540		ug/Kg		83	41 - 104
2,3,4,6-Tetrachlorophenol	6670	5710		ug/Kg		86	47 - 104
2,4,5-Trichlorophenol	6670	5810		ug/Kg		87	50 - 104
2,4,6-Trichlorophenol	6670	6000		ug/Kg		90	50 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*76*		*44 - 105*
2-Fluorophenol (Surr)	*82*		*48 - 105*
Nitrobenzene-d5 (Surr)	*87*		*46 - 105*
Phenol-d5 (Surr)	*85*		*46 - 105*
Terphenyl-d14 (Surr)	*83*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*78*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-432126/1-C
Matrix: Solid
Analysis Batch: 432501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432126

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		04/12/23 16:48	04/17/23 19:51	1
PCB-1221	ND		17	5.9	ug/Kg		04/12/23 16:48	04/17/23 19:51	1
PCB-1232	ND		17	4.1	ug/Kg		04/12/23 16:48	04/17/23 19:51	1
PCB-1242	ND		17	2.4	ug/Kg		04/12/23 16:48	04/17/23 19:51	1
PCB-1248	ND		17	4.0	ug/Kg		04/12/23 16:48	04/17/23 19:51	1
PCB-1254	ND		17	5.0	ug/Kg		04/12/23 16:48	04/17/23 19:51	1
PCB-1260	ND		17	4.7	ug/Kg		04/12/23 16:48	04/17/23 19:51	1
PCB-1262	ND		17	5.9	ug/Kg		04/12/23 16:48	04/17/23 19:51	1
PCB-1268	ND		17	2.2	ug/Kg		04/12/23 16:48	04/17/23 19:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*128*		*63 - 138*	*04/12/23 16:48*	*04/17/23 19:51*	*1*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 180-432126/1-C
Matrix: Solid
Analysis Batch: 432501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432126

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	126		63 - 138	04/12/23 16:48	04/17/23 19:51	1
Tetrachloro-m-xylene (Surr)	136	S1+	55 - 135	04/12/23 16:48	04/17/23 19:51	1
Tetrachloro-m-xylene (Surr)	137	S1+	55 - 135	04/12/23 16:48	04/17/23 19:51	1

Lab Sample ID: LCS 180-432126/2-C
Matrix: Solid
Analysis Batch: 432501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432126

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1610		ug/Kg		121	43 - 136		
PCB-1260			1330	1600		ug/Kg		120	55 - 128		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	111		63 - 138
DCB Decachlorobiphenyl (Surr)	114		63 - 138
Tetrachloro-m-xylene (Surr)	120		55 - 135
Tetrachloro-m-xylene (Surr)	123		55 - 135

Lab Sample ID: 180-154813-20 MS
Matrix: Solid
Analysis Batch: 432501

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 432126

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1530	1820		ug/Kg	☼	119	43 - 136		
PCB-1260	30		1530	1610		ug/Kg	☼	103	55 - 128		

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	98		63 - 138
DCB Decachlorobiphenyl (Surr)	106		63 - 138
Tetrachloro-m-xylene (Surr)	109		55 - 135
Tetrachloro-m-xylene (Surr)	108		55 - 135

Lab Sample ID: 180-154813-20 MSD
Matrix: Solid
Analysis Batch: 432501

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 432126

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1560	1770		ug/Kg	☼	113	43 - 136	3	40
PCB-1260	30		1560	1550		ug/Kg	☼	97	55 - 128	3	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	90		63 - 138
DCB Decachlorobiphenyl (Surr)	99		63 - 138
Tetrachloro-m-xylene (Surr)	99		55 - 135
Tetrachloro-m-xylene (Surr)	104		55 - 135

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-431949/1-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 431949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Barium	ND		20	3.6	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Beryllium	ND		0.40	0.11	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Cadmium	ND		0.50	0.073	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Calcium	ND		500	65	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Chromium	ND		0.50	0.46	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Cobalt	ND		5.0	0.70	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Copper	ND		2.5	1.5	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Iron	ND		10	9.7	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Lead	ND		1.0	0.87	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Magnesium	ND		500	55	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Manganese	ND		1.5	0.28	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Nickel	ND		4.0	0.50	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Selenium	ND		1.0	0.46	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Silver	ND		0.50	0.10	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Sodium	ND		500	51	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Thallium	ND		2.0	0.28	mg/Kg		04/11/23 11:57	04/25/23 15:37	1
Vanadium	ND		5.0	0.79	mg/Kg		04/11/23 11:57	04/25/23 15:37	1

Lab Sample ID: LCS 180-431949/2-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	581		mg/Kg		116	80 - 120
Barium	100	117		mg/Kg		117	80 - 120
Beryllium	50.0	59.0		mg/Kg		118	80 - 120
Cadmium	50.0	57.4		mg/Kg		115	80 - 120
Calcium	2500	2930		mg/Kg		117	80 - 120
Chromium	50.0	55.0		mg/Kg		110	80 - 120
Cobalt	50.0	57.9		mg/Kg		116	80 - 120
Copper	50.0	54.8		mg/Kg		110	80 - 120
Iron	500	596		mg/Kg		119	80 - 120
Lead	50.0	56.1		mg/Kg		112	80 - 120
Magnesium	2500	2900		mg/Kg		116	80 - 120
Manganese	50.0	56.6		mg/Kg		113	80 - 120
Nickel	50.0	57.4		mg/Kg		115	80 - 120
Selenium	100	116		mg/Kg		116	80 - 120
Silver	25.0	27.1		mg/Kg		108	80 - 120
Sodium	2500	3000		mg/Kg		120	80 - 120
Thallium	100	111		mg/Kg		111	80 - 120
Vanadium	50.0	54.4		mg/Kg		109	80 - 120

Lab Sample ID: 180-154813-20 MS
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	11000		497	11500	4	mg/Kg	☼	191	75 - 125

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154813-20 MS
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	200	F1	99.4	360	F1	mg/Kg	☼	158	75 - 125
Beryllium	0.77	F2	49.7	56.5		mg/Kg	☼	112	75 - 125
Calcium	14000	F2	2490	19000	4	mg/Kg	☼	220	75 - 125
Chromium	31	F2	49.7	90.7		mg/Kg	☼	120	75 - 125
Cobalt	12	F2 F1	49.7	79.2	F1	mg/Kg	☼	135	75 - 125
Copper	90	F2 F1	49.7	165	F1	mg/Kg	☼	151	75 - 125
Magnesium	5300		2490	7680		mg/Kg	☼	95	75 - 125
Manganese	680	F2	49.7	820	4	mg/Kg	☼	273	75 - 125
Nickel	37	F2 F1	49.7	109	F1	mg/Kg	☼	145	75 - 125
Selenium	2.4	F2	99.4	114		mg/Kg	☼	112	75 - 125
Silver	ND	F2	24.9	26.9		mg/Kg	☼	108	75 - 125
Sodium	110	J F2	2490	3050		mg/Kg	☼	118	75 - 125
Vanadium	26	F2	49.7	84.4		mg/Kg	☼	117	75 - 125

Lab Sample ID: 180-154813-20 MS
Matrix: Solid
Analysis Batch: 433520

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	4.9	F2	49.7	65.8		mg/Kg	☼	122	75 - 125
Iron	43000	F2	497	90900	4	mg/Kg	☼	9657	75 - 125
Lead	130	F2 F1	49.7	217	F1	mg/Kg	☼	171	75 - 125
Thallium	2.1	J F2	99.4	115		mg/Kg	☼	114	75 - 125

Lab Sample ID: 180-154813-20 MSD
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	11000		296	11000	4	mg/Kg	☼	180	75 - 125	4	20
Barium	200	F1	59.2	294	F1	mg/Kg	☼	153	75 - 125	20	20
Beryllium	0.77	F2	29.6	29.3	F2	mg/Kg	☼	96	75 - 125	63	20
Calcium	14000	F2	1480	10200	4 F2	mg/Kg	☼	-226	75 - 125	60	20
Chromium	31	F2	29.6	56.8	F2	mg/Kg	☼	87	75 - 125	46	20
Cobalt	12	F2 F1	29.6	52.1	F1 F2	mg/Kg	☼	135	75 - 125	41	20
Copper	90	F2 F1	29.6	116	F2	mg/Kg	☼	89	75 - 125	35	20
Magnesium	5300		1480	6430		mg/Kg	☼	76	75 - 125	18	20
Manganese	680	F2	29.6	501	4 F2	mg/Kg	☼	-617	75 - 125	48	20
Nickel	37	F2 F1	29.6	80.3	F1 F2	mg/Kg	☼	147	75 - 125	30	20
Selenium	2.4	F2	59.2	59.8	F2	mg/Kg	☼	97	75 - 125	63	20
Silver	ND	F2	14.8	14.3	F2	mg/Kg	☼	97	75 - 125	61	20
Sodium	110	J F2	1480	1640	F2	mg/Kg	☼	103	75 - 125	60	20
Vanadium	26	F2	29.6	50.7	F2	mg/Kg	☼	83	75 - 125	50	20

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154813-20 MSD
Matrix: Solid
Analysis Batch: 433520

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 431949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	4.9	F2	29.6	38.9	F2	mg/Kg	☼	115	75 - 125	51	20
Iron	43000	F2	296	46400	4 F2	mg/Kg	☼	1168	75 - 125	65	20
Lead	130	F2 F1	29.6	146	4 F2	mg/Kg	☼	49	75 - 125	39	20
Thallium	2.1	J F2	59.2	66.9	F2	mg/Kg	☼	109	75 - 125	53	20

Lab Sample ID: MB 180-432525/1-A
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432525

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Antimony	ND		1.0	0.30	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Barium	ND		20	3.6	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Beryllium	ND		0.40	0.11	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Cadmium	ND		0.50	0.073	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Calcium	ND		500	65	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Chromium	ND		0.50	0.46	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Cobalt	ND		5.0	0.70	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Copper	ND		2.5	1.5	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Iron	ND		10	9.7	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Lead	ND		1.0	0.87	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Magnesium	ND		500	55	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Manganese	ND		1.5	0.28	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Nickel	ND		4.0	0.50	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Potassium	ND		500	85	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Selenium	ND		1.0	0.46	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Silver	ND		0.50	0.10	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Sodium	ND		500	51	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Thallium	ND		2.0	0.28	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Vanadium	ND		5.0	0.79	mg/Kg		04/17/23 12:07	04/27/23 12:29	1
Zinc	2.84		2.0	1.5	mg/Kg		04/17/23 12:07	04/27/23 12:29	1

Lab Sample ID: MB 180-432525/1-A
Matrix: Solid
Analysis Batch: 433957

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432525

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0	0.63	mg/Kg		04/17/23 12:07	05/01/23 13:28	1

Lab Sample ID: LCS 180-432525/2-A
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432525

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	462		mg/Kg		92	80 - 120
Antimony	25.0	28.0		mg/Kg		112	80 - 120
Barium	100	91.7		mg/Kg		92	80 - 120
Beryllium	50.0	45.2		mg/Kg		90	80 - 120
Cadmium	50.0	45.3		mg/Kg		91	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-432525/2-A
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432525

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	2500	2310		mg/Kg		92	80 - 120
Chromium	50.0	46.0		mg/Kg		92	80 - 120
Cobalt	50.0	44.9		mg/Kg		90	80 - 120
Copper	50.0	46.6		mg/Kg		93	80 - 120
Iron	500	478		mg/Kg		96	80 - 120
Lead	50.0	44.9		mg/Kg		90	80 - 120
Magnesium	2500	2250		mg/Kg		90	80 - 120
Manganese	50.0	44.0		mg/Kg		88	80 - 120
Nickel	50.0	45.1		mg/Kg		90	80 - 120
Potassium	2500	2320		mg/Kg		93	80 - 120
Selenium	100	92.6		mg/Kg		93	80 - 120
Silver	25.0	22.5		mg/Kg		90	80 - 120
Sodium	2500	2380		mg/Kg		95	80 - 120
Thallium	100	89.7		mg/Kg		90	80 - 120
Vanadium	50.0	46.1		mg/Kg		92	80 - 120
Zinc	25.0	24.6		mg/Kg		98	80 - 120

Lab Sample ID: LCS 180-432525/2-A
Matrix: Solid
Analysis Batch: 433957

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432525

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	95.9		mg/Kg		96	80 - 120

Lab Sample ID: 180-154813-17 MS
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83
Prep Type: Total/NA
Prep Batch: 432525

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	13000		343	11300	4	mg/Kg	☼	-635	75 - 125
Antimony	ND	F1 F2	17.1	4.46	F1	mg/Kg	☼	26	75 - 125
Barium	150	F1	68.5	180	F1	mg/Kg	☼	38	75 - 125
Beryllium	0.70	F2	34.3	34.2		mg/Kg	☼	98	75 - 125
Calcium	14000	F2	1710	5780	4	mg/Kg	☼	-506	75 - 125
Chromium	21		34.3	49.4		mg/Kg	☼	82	75 - 125
Cobalt	12		34.3	50.7		mg/Kg	☼	114	75 - 125
Copper	63	F1	34.3	78.2	F1	mg/Kg	☼	44	75 - 125
Magnesium	3400	F1	1710	4380	F1	mg/Kg	☼	58	75 - 125
Manganese	710	F2	34.3	508	4	mg/Kg	☼	-599	75 - 125
Nickel	36	F1	34.3	69.3		mg/Kg	☼	97	75 - 125
Potassium	910		1710	2340		mg/Kg	☼	83	75 - 125
Selenium	0.61	J F2	68.5	70.9		mg/Kg	☼	103	75 - 125
Silver	ND	F2	17.1	17.6		mg/Kg	☼	103	75 - 125
Sodium	110	J F2	1710	1880		mg/Kg	☼	103	75 - 125
Vanadium	25		34.3	52.0		mg/Kg	☼	79	75 - 125
Zinc	640	B	17.1	542	4	mg/Kg	☼	-600	75 - 125

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154813-17 MS
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83
Prep Type: Total/NA
Prep Batch: 432525

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.53	J F2	34.3	40.0		mg/Kg	☼	115	75 - 125
Iron	35000	F2	343	27300	4	mg/Kg	☼	-2287	75 - 125
Lead	130	F1 F2	34.3	129	F1	mg/Kg	☼	10	75 - 125
Thallium	2.2	J F2	68.5	73.9		mg/Kg	☼	105	75 - 125

Lab Sample ID: 180-154813-17 MS
Matrix: Solid
Analysis Batch: 433957

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83
Prep Type: Total/NA
Prep Batch: 432525

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	16		68.5	91.5		mg/Kg	☼	111	75 - 125

Lab Sample ID: 180-154813-17 MSD
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83
Prep Type: Total/NA
Prep Batch: 432525

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	13000		298	12700	4	mg/Kg	☼	-257	75 - 125	12	20
Antimony	ND	F1 F2	14.9	3.02	F1 F2	mg/Kg	☼	20	75 - 125	38	20
Barium	150	F1	59.5	184	F1	mg/Kg	☼	51	75 - 125	2	20
Beryllium	0.70	F2	29.8	26.9	F2	mg/Kg	☼	88	75 - 125	24	20
Calcium	14000	F2	1490	7580	4 F2	mg/Kg	☼	-461	75 - 125	27	20
Chromium	21		29.8	45.4		mg/Kg	☼	81	75 - 125	8	20
Cobalt	12		29.8	47.7		mg/Kg	☼	122	75 - 125	6	20
Copper	63	F1	29.8	83.7	F1	mg/Kg	☼	69	75 - 125	7	20
Magnesium	3400	F1	1490	4450	F1	mg/Kg	☼	71	75 - 125	2	20
Manganese	710	F2	29.8	673	4 F2	mg/Kg	☼	-135	75 - 125	28	20
Nickel	36	F1	29.8	74.4	F1	mg/Kg	☼	128	75 - 125	7	20
Potassium	910		1490	2090		mg/Kg	☼	79	75 - 125	11	20
Selenium	0.61	J F2	59.5	55.3	F2	mg/Kg	☼	92	75 - 125	25	20
Silver	ND	F2	14.9	13.6	F2	mg/Kg	☼	92	75 - 125	25	20
Sodium	110	J F2	1490	1510	F2	mg/Kg	☼	94	75 - 125	21	20
Vanadium	25		29.8	48.6		mg/Kg	☼	79	75 - 125	7	20
Zinc	640	B	14.9	566	4	mg/Kg	☼	-529	75 - 125	4	20

Lab Sample ID: 180-154813-17 MSD
Matrix: Solid
Analysis Batch: 433660

Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83
Prep Type: Total/NA
Prep Batch: 432525

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	0.53	J F2	29.8	32.4	F2	mg/Kg	☼	107	75 - 125	21	20
Iron	35000	F2	298	48900	4 F2	mg/Kg	☼	4598	75 - 125	56	20
Lead	130	F1 F2	29.8	183	4 F2	mg/Kg	☼	192	75 - 125	35	20
Thallium	2.2	J F2	59.5	59.0	F2	mg/Kg	☼	95	75 - 125	22	20

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154813-17 MSD — **Client Sample ID: SSHS-IRM5A2-SCV57-0.83-1.83**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 433957 — **Prep Batch: 432525**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	16		59.5	82.9		mg/Kg	☼	113	75 - 125	10	20

Lab Sample ID: MB 180-433398/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 433660 — **Prep Batch: 433398**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.30	mg/Kg		04/26/23 07:47	04/27/23 09:26	1
Arsenic	ND		1.0	0.63	mg/Kg		04/26/23 07:47	04/27/23 09:26	1
Potassium	ND		500	85	mg/Kg		04/26/23 07:47	04/27/23 09:26	1
Zinc	2.68		2.0	1.5	mg/Kg		04/26/23 07:47	04/27/23 09:26	1

Lab Sample ID: LCS 180-433398/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 433660 — **Prep Batch: 433398**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	25.0	23.3		mg/Kg		93	80 - 120
Arsenic	100	98.1		mg/Kg		98	80 - 120
Potassium	2500	2440		mg/Kg		98	80 - 120
Zinc	25.0	27.6		mg/Kg		110	80 - 120

Lab Sample ID: 180-154813-20 MS — **Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 433660 — **Prep Batch: 433398**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1	22.2	9.59	F1	mg/Kg	☼	43	75 - 125
Arsenic	20		88.9	114		mg/Kg	☼	106	75 - 125
Potassium	870		2220	2890		mg/Kg	☼	91	75 - 125
Zinc	2000	F2 B	22.2	2840	E 4	mg/Kg	☼	3602	75 - 125

Lab Sample ID: 180-154813-20 MSD — **Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 433660 — **Prep Batch: 433398**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	20.7	9.29	F1	mg/Kg	☼	45	75 - 125	3	20
Arsenic	20		82.6	101		mg/Kg	☼	99	75 - 125	12	20
Potassium	870		2070	2660		mg/Kg	☼	87	75 - 125	8	20
Zinc	2000	F2 B	20.7	1940	4 F2	mg/Kg	☼	-487	75 - 125	38	20

Lab Sample ID: MB 180-433882/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 434202 — **Prep Batch: 433882**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Antimony	ND		1.0	0.30	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Arsenic	ND		1.0	0.63	mg/Kg		05/01/23 11:30	05/03/23 13:34	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 180-433882/1-A
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		20	3.6	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Beryllium	ND		0.40	0.11	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Cadmium	ND		0.50	0.073	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Calcium	ND		500	65	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Chromium	ND		0.50	0.46	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Cobalt	ND		5.0	0.70	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Copper	ND		2.5	1.5	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Iron	ND		10	9.7	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Lead	ND		1.0	0.87	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Magnesium	ND		500	55	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Manganese	ND		1.5	0.28	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Nickel	ND		4.0	0.50	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Potassium	ND		500	85	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Selenium	ND		1.0	0.46	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Silver	ND		0.50	0.10	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Sodium	ND		500	51	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Thallium	ND		2.0	0.28	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Vanadium	ND		5.0	0.79	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Zinc	4.48		2.0	1.5	mg/Kg		05/01/23 11:30	05/03/23 13:34	1

Lab Sample ID: LCS 180-433882/2-A
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433882

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	493		mg/Kg		99	80 - 120
Antimony	25.0	24.6		mg/Kg		98	80 - 120
Arsenic	100	100		mg/Kg		100	80 - 120
Barium	100	99.1		mg/Kg		99	80 - 120
Beryllium	50.0	49.6		mg/Kg		99	80 - 120
Cadmium	50.0	49.7		mg/Kg		99	80 - 120
Calcium	2500	2530		mg/Kg		101	80 - 120
Chromium	50.0	49.2		mg/Kg		98	80 - 120
Cobalt	50.0	49.1		mg/Kg		98	80 - 120
Copper	50.0	49.6		mg/Kg		99	80 - 120
Iron	500	504		mg/Kg		101	80 - 120
Lead	50.0	48.5		mg/Kg		97	80 - 120
Magnesium	2500	2480		mg/Kg		99	80 - 120
Manganese	50.0	48.5		mg/Kg		97	80 - 120
Nickel	50.0	49.0		mg/Kg		98	80 - 120
Potassium	2500	2430		mg/Kg		97	80 - 120
Selenium	100	98.5		mg/Kg		98	80 - 120
Silver	25.0	23.8		mg/Kg		95	80 - 120
Sodium	2500	2560		mg/Kg		102	80 - 120
Thallium	100	97.0		mg/Kg		97	80 - 120
Vanadium	50.0	49.5		mg/Kg		99	80 - 120
Zinc	25.0	29.1		mg/Kg		117	80 - 120

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 180-433467/1-A
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433467

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.033	0.021	mg/Kg		04/27/23 08:35	04/28/23 12:30	1

Lab Sample ID: LCS 180-433467/2-A
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433467

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.417	0.397		mg/Kg		95	80 - 120		

Lab Sample ID: 180-154813-20 MS
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 433467

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.30	F1 F2	0.196	0.482		mg/Kg	☼	91	80 - 120		

Lab Sample ID: 180-154813-20 MSD
Matrix: Solid
Analysis Batch: 433778

Client Sample ID: SSHS-IRM5A2-SCV58-0.17-0.83
Prep Type: Total/NA
Prep Batch: 433467

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.30	F1 F2	0.180	1.02	F1 F2	mg/Kg	☼	396	80 - 120	71	20

Method: 2540G - SM 2540G

Lab Sample ID: 180-154813-1 DU
Matrix: Solid
Analysis Batch: 431834

Client Sample ID: SSHS-IRM5A2-SCV51-0.50-1.50
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	9.4			8.7		%				8	10
Percent Solids	90.6			91.3		%				0.8	10

Lab Sample ID: 180-154813-11 DU
Matrix: Solid
Analysis Batch: 431834

Client Sample ID: SSHS-IRM5A2-SCV55-0.17-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	18.5			19.4		%				5	10
Percent Solids	81.5			80.6		%				1	10

GC/MS VOA

Analysis Batch: 432477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	EPA 8260C	432544
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	EPA 8260C	432544
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	EPA 8260C	432544
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	EPA 8260C	432544
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	EPA 8260C	432544
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	EPA 8260C	432544
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	EPA 8260C	432544
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 8260C	432544
MB 180-432477/8	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-432477/4	Lab Control Sample	Total/NA	Solid	EPA 8260C	
LCSD 180-432477/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260C	
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 8260C	432544
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 8260C	432544

Prep Batch: 432544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	5035	
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	5035	
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	5035	
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	5035	
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	5035	
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	5035	
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	5035	
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	5035	
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	5035	
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	5035	

Analysis Batch: 432587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	EPA 8260C	432667
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	EPA 8260C	432667
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	EPA 8260C	432667
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	EPA 8260C	432667
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	EPA 8260C	432667
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	EPA 8260C	432667
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	EPA 8260C	432667
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	EPA 8260C	432667
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	EPA 8260C	432667
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 8260C	432667
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	EPA 8260C	432667
MB 180-432587/9	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-432587/4	Lab Control Sample	Total/NA	Solid	EPA 8260C	

Prep Batch: 432667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	5035	
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	5035	
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	5035	
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	5035	
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	5035	
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 432667 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	5035	
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	5035	
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	5035	
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	5035	
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 432336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	3541	
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	3541	
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	3541	
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	3541	
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	3541	
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	3541	
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	3541	
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	3541	
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	3541	
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	3541	
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	3541	
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	3541	
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	3541	
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	3541	
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	3541	
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	3541	
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	3541	
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	3541	
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3541	
MB 180-432336/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-432336/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3541	
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3541	

Analysis Batch: 432397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	EPA 8270D	432336
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	EPA 8270D	432336
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	EPA 8270D	432336
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	EPA 8270D	432336
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	EPA 8270D	432336
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	EPA 8270D	432336
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	EPA 8270D	432336
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	EPA 8270D	432336
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	EPA 8270D	432336
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	EPA 8270D	432336
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	EPA 8270D	432336
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	EPA 8270D	432336
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	EPA 8270D	432336
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	EPA 8270D	432336
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	EPA 8270D	432336

GC/MS Semi VOA (Continued)

Analysis Batch: 432397 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 8270D	432336
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	EPA 8270D	432336
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	EPA 8270D	432336
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 8270D	432336
MB 180-432336/1-A	Method Blank	Total/NA	Solid	EPA 8270D	432336
LCS 180-432336/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	432336
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 8270D	432336
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 8270D	432336

Prep Batch: 432790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	3541	
MB 180-432790/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-432790/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 432846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	EPA 8270D	432790
MB 180-432790/1-A	Method Blank	Total/NA	Solid	EPA 8270D	432790
LCS 180-432790/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	432790

GC Semi VOA

Prep Batch: 432126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	3541	
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	3541	
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	3541	
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	3541	
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	3541	
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	3541	
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	3541	
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	3541	
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	3541	
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	3541	
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	3541	
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	3541	
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	3541	
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	3541	
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	3541	
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	3541	
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	3541	
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	3541	
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	3541	
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3541	
MB 180-432126/1-C	Method Blank	Total/NA	Solid	3541	
LCS 180-432126/2-C	Lab Control Sample	Total/NA	Solid	3541	
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3541	
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3541	

GC Semi VOA

Cleanup Batch: 432152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	3665A	432126
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	3665A	432126
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	3665A	432126
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	3665A	432126
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	3665A	432126
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	3665A	432126
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	3665A	432126
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	3665A	432126
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	3665A	432126
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	3665A	432126
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	3665A	432126
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	3665A	432126
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	3665A	432126
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	3665A	432126
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	3665A	432126
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	3665A	432126
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	3665A	432126
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	3665A	432126
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	3665A	432126
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3665A	432126
MB 180-432126/1-C	Method Blank	Total/NA	Solid	3665A	432126
LCS 180-432126/2-C	Lab Control Sample	Total/NA	Solid	3665A	432126
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3665A	432126
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3665A	432126

Cleanup Batch: 432153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	3660B	432152
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	3660B	432152
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	3660B	432152
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	3660B	432152
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	3660B	432152
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	3660B	432152
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	3660B	432152
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	3660B	432152
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	3660B	432152
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	3660B	432152
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	3660B	432152
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	3660B	432152
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	3660B	432152
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	3660B	432152
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	3660B	432152
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	3660B	432152
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	3660B	432152
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	3660B	432152
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	3660B	432152
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3660B	432152
MB 180-432126/1-C	Method Blank	Total/NA	Solid	3660B	432152
LCS 180-432126/2-C	Lab Control Sample	Total/NA	Solid	3660B	432152
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3660B	432152
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3660B	432152

GC Semi VOA

Analysis Batch: 432501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	EPA 8082A	432153
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	EPA 8082A	432153
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	EPA 8082A	432153
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	EPA 8082A	432153
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	EPA 8082A	432153
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	EPA 8082A	432153
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	EPA 8082A	432153
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	EPA 8082A	432153
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	EPA 8082A	432153
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	EPA 8082A	432153
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	EPA 8082A	432153
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	EPA 8082A	432153
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	EPA 8082A	432153
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	EPA 8082A	432153
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	EPA 8082A	432153
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	EPA 8082A	432153
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 8082A	432153
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	EPA 8082A	432153
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	EPA 8082A	432153
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 8082A	432153
MB 180-432126/1-C	Method Blank	Total/NA	Solid	EPA 8082A	432153
LCS 180-432126/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	432153
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 8082A	432153
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 8082A	432153

Metals

Prep Batch: 431949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3050B	
MB 180-431949/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-431949/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3050B	
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3050B	

Prep Batch: 432525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	3050B	
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	3050B	
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	3050B	
MB 180-432525/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-432525/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154813-17 MS	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	3050B	
180-154813-17 MSD	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	3050B	

Analysis Batch: 433389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 6010C	431949
MB 180-431949/1-A	Method Blank	Total/NA	Solid	EPA 6010C	431949
LCS 180-431949/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	431949
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 6010C	431949

Metals (Continued)

Analysis Batch: 433389 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 6010C	431949

Prep Batch: 433398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3050B	
MB 180-433398/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-433398/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3050B	
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	3050B	

Prep Batch: 433467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	7471B	
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	7471B	
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	7471B	
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	7471B	
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	7471B	
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	7471B	
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	7471B	
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	7471B	
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	7471B	
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	7471B	
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	7471B	
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	7471B	
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	7471B	
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	7471B	
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	7471B	
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	7471B	
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	7471B	
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	7471B	
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	7471B	
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	7471B	
MB 180-433467/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 180-433467/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	7471B	
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	7471B	

Analysis Batch: 433520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 6010C	431949
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 6010C	431949
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 6010C	431949

Analysis Batch: 433660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 6010C	432525
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 6010C	432525
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	EPA 6010C	432525
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	EPA 6010C	432525
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 6010C	433398
MB 180-432525/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432525

Metals (Continued)

Analysis Batch: 433660 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-433398/1-A	Method Blank	Total/NA	Solid	EPA 6010C	433398
LCS 180-432525/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432525
LCS 180-433398/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	433398
180-154813-17 MS	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 6010C	432525
180-154813-17 MS	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 6010C	432525
180-154813-17 MSD	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 6010C	432525
180-154813-17 MSD	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 6010C	432525
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 6010C	433398
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 6010C	433398

Analysis Batch: 433778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	EPA 7471B	433467
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	EPA 7471B	433467
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	EPA 7471B	433467
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	EPA 7471B	433467
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	EPA 7471B	433467
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	EPA 7471B	433467
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	EPA 7471B	433467
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	EPA 7471B	433467
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	EPA 7471B	433467
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	EPA 7471B	433467
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	EPA 7471B	433467
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	EPA 7471B	433467
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	EPA 7471B	433467
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	EPA 7471B	433467
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	EPA 7471B	433467
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	EPA 7471B	433467
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 7471B	433467
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	EPA 7471B	433467
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	EPA 7471B	433467
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 7471B	433467
MB 180-433467/1-A	Method Blank	Total/NA	Solid	EPA 7471B	433467
LCS 180-433467/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	433467
180-154813-20 MS	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 7471B	433467
180-154813-20 MSD	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	EPA 7471B	433467

Prep Batch: 433882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	3050B	
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	3050B	
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	3050B	
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	3050B	
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	3050B	
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	3050B	
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	3050B	
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	3050B	
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	3050B	
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	3050B	
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	3050B	
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 433882 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	3050B	
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	3050B	
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	3050B	
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	3050B	
MB 180-433882/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-433882/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 433957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 6010C	432525
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	EPA 6010C	432525
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	EPA 6010C	432525
MB 180-432525/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432525
LCS 180-432525/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432525
180-154813-17 MS	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 6010C	432525
180-154813-17 MSD	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	EPA 6010C	432525

Analysis Batch: 434202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	EPA 6010C	433882
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	EPA 6010C	433882
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	EPA 6010C	433882
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	EPA 6010C	433882
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	EPA 6010C	433882
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	EPA 6010C	433882
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	EPA 6010C	433882
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	EPA 6010C	433882
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	EPA 6010C	433882
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	EPA 6010C	433882
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	EPA 6010C	433882
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	EPA 6010C	433882
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	EPA 6010C	433882
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	EPA 6010C	433882
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	EPA 6010C	433882
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	EPA 6010C	433882
MB 180-433882/1-A	Method Blank	Total/NA	Solid	EPA 6010C	433882
LCS 180-433882/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	433882

Analysis Batch: 434338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	EPA 6010C	433882

General Chemistry

Analysis Batch: 431834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-1	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	2540G	
180-154813-2	SSHS-IRM5A2-SCV52-0-0.50	Total/NA	Solid	2540G	
180-154813-3	SSHS-IRM5A2-SCV52-0.50-1.50	Total/NA	Solid	2540G	
180-154813-4	SSHS-IRM5A2-SCV53-0-0.50	Total/NA	Solid	2540G	
180-154813-5	SSHS-IRM5A2-SCV53-0.50-1.50	Total/NA	Solid	2540G	

General Chemistry (Continued)

Analysis Batch: 431834 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-6	SSHS-IRM5A2-SCV54-0-0.17	Total/NA	Solid	2540G	
180-154813-7	SSHS-IRM5A2-SCV-DUP18	Total/NA	Solid	2540G	
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Total/NA	Solid	2540G	
180-154813-9	SSHS-IRM5A2-SCV54-0.75-1.75	Total/NA	Solid	2540G	
180-154813-10	SSHS-IRM5A2-SCV55-0-0.17	Total/NA	Solid	2540G	
180-154813-11	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	2540G	
180-154813-12	SSHS-IRM5A2-SCV55-1-2	Total/NA	Solid	2540G	
180-154813-13	SSHS-IRM5A2-SCV56-0-0.67	Total/NA	Solid	2540G	
180-154813-14	SSHS-IRM5A2-SCV56-0.67-1.67	Total/NA	Solid	2540G	
180-154813-15	SSHS-IRM5A2-SCV57-0-0.17	Total/NA	Solid	2540G	
180-154813-16	SSHS-IRM5A2-SCV57-0.17-0.83	Total/NA	Solid	2540G	
180-154813-17	SSHS-IRM5A2-SCV57-0.83-1.83	Total/NA	Solid	2540G	
180-154813-18	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	2540G	
180-154813-19	SSHS-IRM5A2-SCV58-0-0.17	Total/NA	Solid	2540G	
180-154813-20	SSHS-IRM5A2-SCV58-0.17-0.83	Total/NA	Solid	2540G	
180-154813-1 DU	SSHS-IRM5A2-SCV51-0.50-1.50	Total/NA	Solid	2540G	
180-154813-11 DU	SSHS-IRM5A2-SCV55-0.17-1	Total/NA	Solid	2540G	

SCV Documentation COC2

Chain of Custody Record

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301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
			Job #:

Client Information

Client Contact: Mr. Aron Krasnopoler
Company: Geosyntec Consultants, Inc.
Address: 10211 Wincopin Circle 4th Floor
City: Columbia
State, Zip: MD, 21044
Phone: 40-381-4333
Email: akrasnopoler@geosyntec.com
Project Name: Former Sperry Remington Site
Site:

Sampler: 708-248-3888

Due Date Requested:
TAT Requested (days): Standard
PO #: MN0832I
WO #:
Project #: 18013464
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers
			Preservation Code:				N	N	N	N	N	N	
SSHS-IRM5A2-SCV51-0.50-1.50	4/7/23	1030	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV52-0-0.50	4/7/23	1035	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV52-0.50-1.50	4/7/23	1040	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV53-0-0.50	4/7/23	1045	G	S	N	N	X	X	X	X	X	X	8
SSHS-IRM5A2-SCV53-0.50-1.50	4/7/23	1050	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV54-0-0.17	4/7/23	1055	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV-DUP18	4/7/23	--	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV54-0.17-0.75	4/7/23	1100	G	S	N	N	X	X	X	X			8
SSHS-IRM5A2-SCV54-0.75-1.75	4/7/23	1105	G	S	N	N	X	X	X	X	X	X	6
SSHS-IRM5A2-SCV55-0-0.17	4/7/23	1110	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV55-0.17-1	4/7/23	1115	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV55-1-2	4/7/23	1120	G	S	N	N	X	X	X	X			6

180-154813 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by:	Date/Time: 4/7/2023/1630	Company: Geosyntec	Received by:	Date/Time: 4-8-23 0835	Company: Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

eurofins | Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044	PO #: MN08321			
Phone: 40-381-4333	WO #:			
Email: akrasnopcler@geosyntec.com	Project #: 18013464			
Project Name: Former Sperry Remington Site	SSOW#:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N		
SSHS-IRM5A2-SCV56-0-0.67	4/7/23	1125	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV56-0.67-1.67	4/7/23	1130	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0-0.17	4/7/23	1135	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.17-0.83	4/7/23	1140	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.83-1.83	4/7/23	1145	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP19	4/7/23	--	G	S	N	N	X	X	X	X			6	terracores not received for DUP19 being recollected. D. Dunlap 4/11/23
SSHS-IRM5A2-SCV58-0-0.17	4/7/23	1150	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV58-0.17-0.83	4/7/23	1155	G	S	N	Y	X	X	X	X			16	

Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological ☐

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: [signature]	Date/Time: 4/7/2023/1630	Company: Geosyntec	Received by: [signature]	Date/Time: 4-8-23 0835	Company: EA Hart	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154813 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N										
SSHS-IRM5A2-SCV51-0.50-1.50	4/7/23	1030	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV52-0-0.50	4/7/23	1035	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV52-0.50-1.50	4/7/23	1040	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV53-0-0.50	4/7/23	1045	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV53-0.50-1.50	4/7/23	1050	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV54-0-0.17	4/7/23	1055	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV-DUP18	4/7/23	--	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV54-0.17-0.75	4/7/23	1100	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV54-0.75-1.75	4/7/23	1105	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV55-0-0.17	4/7/23	1110	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV55-0.17-1	4/7/23	1115	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV55-1-2	4/7/23	1120	G	S	N	N	X	X	X	X									6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Miranda Stelmach	Date/Time: 4/7/23/1630	Company: Geosyntec	Received by: [signature]	Date/Time: 4-8-23 1092S	Company: EE TSA C
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 117650 | Cooler Temperature(s) °C and Other Remarks: 2.5

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5/8/2023

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

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Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV56-0-0.67	4/7/23	1125	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV56-0.67-1.67	4/7/23	1130	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0-0.17	4/7/23	1135	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.17-0.83	4/7/23	1140	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.83-1.83	4/7/23	1145	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP19	4/7/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV58-0-0.17	4/7/23	1150	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV58-0.17-0.83	4/7/23	1155	G	S	N	Y	X	X	X	X			16	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time: 4/7/23/1630	Company: Geosyntec	Received by:	Date/Time: 4-8-23 1009	Company: FEDEX
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 1117650 | Cooler Temperature(s) °C and Other Remarks: 2.5

Ver: 01/16/2019

eurofins | Environment Testing TestAmerica

Sacramento Sample Receiving Notes

180-154813 Field Sheet

Job: _____

Tracking # : 7717 4391 0812

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: L-09 Corr. Factor: (+ / -) 0 °C

Ice ✓ Wet ✓ Gel _____ Other _____

Cooler Custody Seal: 1117650

Cooler ID: —

Temp Observed: 2.5 °C Corrected: 2.5 °C

From: Temp Blank ☑ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: NC Date: 4-8-23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☑	☐
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 4-8-23

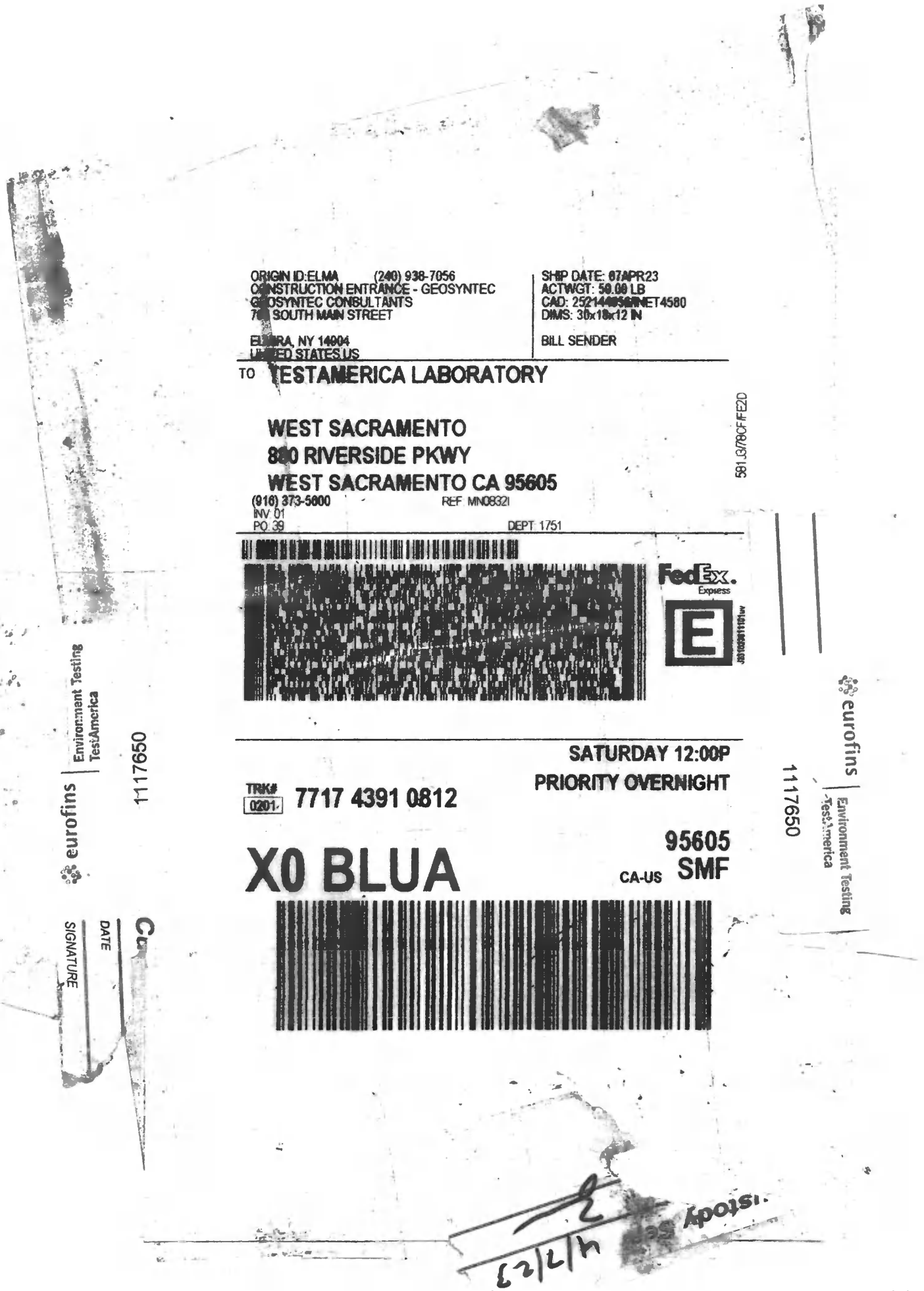
Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☑	☐	☐

Initials: NC Date: 4-8-23

WR3-048



ORIGIN ID:ELMA (240) 936-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
7[illegible] SOUTH MAIN STREET

ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 07APR23
ACTWGT: 50.00 LB
CAD: 252144[illegible]ET4580
DIMS: 30x18x12 IN

BILL SENDER

TO TESTAMERICA LABORATORY

WEST SACRAMENTO
880 RIVERSIDE PKWY
WEST SACRAMENTO CA 95605

(916) 373-5600 REF MN08321
INV 01
PO 39 DEPT 1751

581J3/78CFFE2D

FedEx Express

SATURDAY 12:00P
PRIORITY OVERNIGHT

TRK# 0201 7717 4391 0812

95605
CA-US SMF

X0 BLUA

eurofins | Environment Testing TestAmerica

1117650

DATE

SIGNATURE

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154813-1

Login Number: 154813

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Dunlap, David A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 5/18/2023 5:02:43 PM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154918-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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5/18/2023 5:02:43 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Job ID: 180-154918-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154918-1

Receipt
The samples were received on 4/12/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 3.1º C, 3.8º C, 4.3º C, 4.6º C, 4.9º C, 5.6º C and 5.8º C.

GC/MS VOA
Method 8260C: The recovery of surrogates 1,2-Dichloroethane-d4 and/or Dibromofluoromethane were above the control limits for the following samples: SSHS-IRM5A2-SCV75-0-0.42 (180-154918-4), SSHS-IRM5A2-SCV76-0-0.67 (180-154918-6), SSHS-IRM5A2-SCV77-0.75-1.75 (180-154918-10), SSHS-IRM5A2-SCV79-0-0.58 (180-154918-13), SSHS-IRM5A2-SCV80-0.75-1.75 (180-154918-17), and SSHS-IRM5A2-SCV81-0-0.17 (180-154918-18). As the surrogates were high and there were no target analytes detected in the samples, the results were reported.

Method 8260C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV73-0-0.17 (180-154918-2), had the recoveries of Dichlorodifluoromethane and/or Methyl Acetate below the control limits. The RPDs between the spikes were within the control limits.

Method 8260C: The laboratory control sample duplicate (LCSD) for batch 180-432856 recovered above the control limits for the following analytes: Dichlorodifluoromethane and Methyl acetate. As these analytes were biased high in the LCSD and were not detected in the associated samples, the results were reported.

Method 8260C: The RPD between the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 180-432979 was above the control limits for the following analytes: Acetone and 2-Butanone. The recoveries were within the control limits.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432856 was below criteria for the following analytes: 1,4-Dioxane, Chloromethane, and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432856 was above criteria for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2-Dichloroethane, Acetone, Carbon disulfide, Dichlorodifluoromethane, and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432979 was below criteria for the following analyte: 2-Hexanone.(LOW). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432979 was above criteria for the following analytes: Carbon disulfide, Dichlorodifluoromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432846 was above criteria for the following analyte: Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432969 was above criteria for the following analytes: 4,6-Dinitro-2-methylphenol and Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Job ID: 180-154918-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-433019 was above criteria for the following analyte: Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-433093 was above criteria for the following analyte: Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8082A: Sample SSHS-IRM5A2-SCV77-0.75-1.75 (180-154918-10) had the recovery of surrogate tetrachloro-m-xylene below the control limits on column RTX-CLP1. The recovery on column RTX-CLP2 and the recoveries of decachlorobiphenyl were within the control limits.

Method 8082A: Sample SSHS-IRM5A2-SCV80-017-0.75 (180-154918-16) had the recovery of surrogate decachlorobiphenyl below the control limits on column RTX-CLP2. The recovery on column RTX-CLP1 and the recoveries of tetrachloro-m-xylene were within the control limits.

Method 8082A: Sample SSHS-IRM5A2-SCV81-0-0.17 (180-154918-18) had the recoveries of surrogate decachlorobiphenyl below the control limits on both columns. The recoveries of tetrachloro-m-xylene were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010C: The following samples were diluted to bring the concentration of iron within the linear range of the instrument: SSHS-IRM5A2-SCV65-0.25-1.25 (180-154918-1), SSHS-IRM5A2-SCV78-0-0.42 (180-154918-11), and SSHS-IRM5A2-SCV78-0.42-1.42 (180-154918-12). Elevated reporting limits (RLs) are provided. Arsenic, cadmium, lead, and thallium were also reported from dilution due to inter-element corrections associated with iron.

Method 6010C: The method blank for preparation batch 180-432524 contained iron and zinc above the reporting limit (RL). As the associated samples contained these analytes at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The method blank for preparation batch 180-432763 contained iron and zinc above the reporting limit (RL). As the associated samples contained these analytes at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The method blank for preparation batch 180-432765 contained iron and zinc above the reporting limit (RL). As the associated samples contained these analytes at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV73-0-0.17 (180-154918-2) had the recoveries of antimony and/or lead below the control limits. The RPDs between the spikes and the recoveries of the laboratory control sample were within the control limits.

Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV81-0.17-0.83 (180-154918-19) had the recoveries of antimony below the control limits and the RPD between the spikes for lead above the control limits. The recoveries of the laboratory control sample were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154918-1
Project/Site: Former Sperry Remington-SCV

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154918-1
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	04-01-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids
EPA 8260C	5035	Solid	1,2-Dichloroethene, Total

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Solid	04/11/23 11:30	04/12/23 09:30
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Solid	04/11/23 11:35	04/12/23 09:30
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Solid	04/11/23 11:40	04/12/23 09:30
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Solid	04/11/23 11:45	04/12/23 09:30
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Solid	04/11/23 11:50	04/12/23 09:30
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Solid	04/11/23 11:55	04/12/23 09:30
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Solid	04/11/23 12:00	04/12/23 09:30
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Solid	04/11/23 13:00	04/12/23 09:30
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Solid	04/11/23 13:05	04/12/23 09:30
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Solid	04/11/23 13:10	04/12/23 09:30
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Solid	04/11/23 13:15	04/12/23 09:30
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Solid	04/11/23 13:20	04/12/23 09:30
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Solid	04/11/23 13:25	04/12/23 09:30
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Solid	04/11/23 13:30	04/12/23 09:30
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Solid	04/11/23 13:35	04/12/23 09:30
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Solid	04/11/23 13:40	04/12/23 09:30
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Solid	04/11/23 13:45	04/12/23 09:30
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Solid	04/11/23 13:50	04/12/23 09:30
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Solid	04/11/23 13:55	04/12/23 09:30

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by GC/MS	SW846	EET PIT
EPA 8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
EPA 6010C	Metals (ICP)	SW846	EET PIT
EPA 7471B	Mercury (CVAA)	SW846	EET PIT
2540G	SM 2540G	SM22	EET PIT
3050B	Preparation, Metals	SW846	EET PIT
3541	Automated Soxhlet Extraction	SW846	EET PIT
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET PIT
7471B	Preparation, Mercury	SW846	EET PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154918-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV65-0.25-1.25
Lab Sample ID: 180-154918-1
Date Collected: 04/11/23 11:30
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432386	04/14/23 14:26	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV65-0.25-1.25
Lab Sample ID: 180-154918-1
Date Collected: 04/11/23 11:30
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1625 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 11:46	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432846	04/20/23 10:57	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.4 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 15:57	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.89 g	50 mL	432763	04/19/23 09:44	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 03:28	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.89 g	50 mL	432763	04/19/23 09:44	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433957	05/01/23 13:23	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:36	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Lab Sample ID: 180-154918-2
Date Collected: 04/11/23 11:35
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432386	04/14/23 14:26	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Lab Sample ID: 180-154918-2
Date Collected: 04/11/23 11:35
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 77.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1356 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 12:09	PJJ	EET PIT
	Instrument ID: CHHP3									

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Lab Sample ID: 180-154918-2
Date Collected: 04/11/23 11:35
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 77.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432846	04/20/23 09:30	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.4 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 15:01	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.73 g	50 mL	432524	04/17/23 12:00	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433149	04/21/23 23:38	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:33	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV73-0.17-1.17
Lab Sample ID: 180-154918-3
Date Collected: 04/11/23 11:40
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432386	04/14/23 14:26	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV73-0.17-1.17
Lab Sample ID: 180-154918-3
Date Collected: 04/11/23 11:40
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3485 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 14:02	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432846	04/20/23 11:19	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.4 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 16:16	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.59 g	50 mL	432763	04/19/23 09:44	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 03:49	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.68 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:42	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV75-0-0.42
Lab Sample ID: 180-154918-4
Date Collected: 04/11/23 11:45
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432386	04/14/23 14:26	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV75-0-0.42
Lab Sample ID: 180-154918-4
Date Collected: 04/11/23 11:45
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 74.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1265 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 14:25	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432846	04/20/23 11:40	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.4 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 16:34	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.63 g	50 mL	432763	04/19/23 09:44	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 03:54	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.61 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:43	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV75-0.42-1.42
Lab Sample ID: 180-154918-5
Date Collected: 04/11/23 11:50
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV75-0.42-1.42
Lab Sample ID: 180-154918-5
Date Collected: 04/11/23 11:50
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3346 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 14:48	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432846	04/20/23 12:02	VVP	EET PIT
	Instrument ID: CH732									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV75-0.42-1.42

Lab Sample ID: 180-154918-5
Date Collected: 04/11/23 11:50
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.4 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 16:53	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.79 g	50 mL	432763	04/19/23 09:44	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 03:59	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.69 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:44	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV76-0-0.67

Lab Sample ID: 180-154918-6
Date Collected: 04/11/23 11:55
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432435	04/15/23 15:12	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV76-0-0.67

Lab Sample ID: 180-154918-6
Date Collected: 04/11/23 11:55
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2265 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 15:10	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433019	04/21/23 18:30	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.4 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 17:12	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.53 g	50 mL	432763	04/19/23 09:44	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 04:04	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:45	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV76-0.67-1.67
Lab Sample ID: 180-154918-7
Date Collected: 04/11/23 12:00
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV76-0.67-1.67
Lab Sample ID: 180-154918-7
Date Collected: 04/11/23 12:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.4236 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 15:34	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 07:57	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.4 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 17:30	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.73 g	50 mL	432763	04/19/23 09:44	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 04:09	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:46	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV77-0-0.17
Lab Sample ID: 180-154918-8
Date Collected: 04/11/23 13:00
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV77-0-0.17
Lab Sample ID: 180-154918-8
Date Collected: 04/11/23 13:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3151 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 15:57	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 08:19	VVP	EET PIT
	Instrument ID: CH732									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV77-0-0.17

Lab Sample ID: 180-154918-8
Date Collected: 04/11/23 13:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.4 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 17:49	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.54 g	50 mL	432763	04/19/23 09:44	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 04:14	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:47	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV77-0.17-0.75

Lab Sample ID: 180-154918-9
Date Collected: 04/11/23 13:05
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV77-0.17-0.75

Lab Sample ID: 180-154918-9
Date Collected: 04/11/23 13:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1326 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 16:20	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 08:41	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.4 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 18:08	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.52 g	50 mL	432763	04/19/23 09:44	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 04:19	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.64 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:48	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154918-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV77-0.75-1.75
Lab Sample ID: 180-154918-10
Date Collected: 04/11/23 13:10
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432386	04/14/23 14:26	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV77-0.75-1.75
Lab Sample ID: 180-154918-10
Date Collected: 04/11/23 13:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 78.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1648 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 16:42	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 09:02	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.5 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 18:26	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.83 g	50 mL	432765	04/19/23 09:46	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433389	04/25/23 11:58	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.52 g	50 mL	433883	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434075	05/02/23 09:36	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.66 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:49	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV78-0-0.42
Lab Sample ID: 180-154918-11
Date Collected: 04/11/23 13:15
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV78-0-0.42
Lab Sample ID: 180-154918-11
Date Collected: 04/11/23 13:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1347 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 17:05	PJJ	EET PIT
	Instrument ID: CHHP3									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154918-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV78-0-0.42
Lab Sample ID: 180-154918-11

Date Collected: 04/11/23 13:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 09:24	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.2 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 18:45	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.68 g	50 mL	432889	04/20/23 10:14	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 06:25	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.68 g	50 mL	432889	04/20/23 10:14	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433957	05/01/23 15:24	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:50	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV78-0.42-1.42
Lab Sample ID: 180-154918-12

Date Collected: 04/11/23 13:20
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432386	04/14/23 14:26	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV78-0.42-1.42
Lab Sample ID: 180-154918-12

Date Collected: 04/11/23 13:20
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 72.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1326 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 17:28	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 09:46	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.2 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 19:04	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.93 g	50 mL	432889	04/20/23 10:14	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 06:30	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154918-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV78-0.42-1.42
Lab Sample ID: 180-154918-12
Date Collected: 04/11/23 13:20
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 72.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.93 g	50 mL	432889	04/20/23 10:14	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		5			433957	05/01/23 15:29	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.68 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:51	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV79-0-0.58
Lab Sample ID: 180-154918-13
Date Collected: 04/11/23 13:25
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV79-0-0.58
Lab Sample ID: 180-154918-13
Date Collected: 04/11/23 13:25
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3062 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 19:44	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433093	04/22/23 21:34	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.2 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 19:22	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.79 g	50 mL	432889	04/20/23 10:14	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 06:35	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.63 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:56	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV79-0.58-1.58
Lab Sample ID: 180-154918-14
Date Collected: 04/11/23 13:30
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154918-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV79-0.58-1.58
Lab Sample ID: 180-154918-14

Date Collected: 04/11/23 13:30
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1625 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 18:13	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433019	04/21/23 19:15	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.3 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 20:18	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.58 g	50 mL	432889	04/20/23 10:14	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 06:40	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.69 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:57	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV80-0-0.17
Lab Sample ID: 180-154918-15

Date Collected: 04/11/23 13:35
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV80-0-0.17
Lab Sample ID: 180-154918-15

Date Collected: 04/11/23 13:35
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2267 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 18:36	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 10:52	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 20:37	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.78 g	50 mL	432889	04/20/23 10:14	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 06:45	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV80-0-0.17

Lab Sample ID: 180-154918-15
Date Collected: 04/11/23 13:35
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.68 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:58	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV80-017-0.75

Lab Sample ID: 180-154918-16
Date Collected: 04/11/23 13:40
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432386	04/14/23 14:26	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV80-017-0.75

Lab Sample ID: 180-154918-16
Date Collected: 04/11/23 13:40
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1327 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 18:58	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 11:14	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 20:56	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.89 g	50 mL	432889	04/20/23 10:20	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 06:50	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 12:59	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV80-0.75-1.75

Lab Sample ID: 180-154918-17
Date Collected: 04/11/23 13:45
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432386	04/14/23 14:26	CMR	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154918-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV80-0.75-1.75
Lab Sample ID: 180-154918-17
Date Collected: 04/11/23 13:45
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1329 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 20:07	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 11:36	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.4 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 21:14	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.94 g	50 mL	432889	04/20/23 10:20	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 06:56	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 13:00	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV81-0-0.17
Lab Sample ID: 180-154918-18
Date Collected: 04/11/23 13:50
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV81-0-0.17
Lab Sample ID: 180-154918-18
Date Collected: 04/11/23 13:50
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 76.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2264 g	5 mL	432910	04/20/23 07:05	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432856	04/20/23 19:43	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 11:58	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.1 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 21:33	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.83 g	50 mL	432889	04/20/23 10:20	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433862	04/30/23 07:01	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154918-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV81-0-0.17
Lab Sample ID: 180-154918-18
Date Collected: 04/11/23 13:50
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 76.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.67 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 13:01	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV81-0.17-0.83
Lab Sample ID: 180-154918-19
Date Collected: 04/11/23 13:55
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432384	04/14/23 16:07	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV81-0.17-0.83
Lab Sample ID: 180-154918-19
Date Collected: 04/11/23 13:55
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0235 g	5 mL	433069	04/21/23 07:44	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 12:06	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432790	04/19/23 11:35	AAS	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 12:20	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.1 g	20.0 mL	432521	04/17/23 11:31	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432561	04/18/23 04:25	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432562	04/18/23 04:26	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432840	04/20/23 21:52	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.82 g	50 mL	434814	05/10/23 14:21	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 11:29	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.66 g	100 mL	433813	05/01/23 08:30	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 13:02	MTW	EET PIT
	Instrument ID: HGZ									

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Analyst References:

Lab: EET PIT

- Batch Type: Cleanup
  - JMO = John Oravec
- Batch Type: Prep
  - AAS = Arianna Swick
  - HCY = Harrison Yaeger
  - JBP = Jack Prothero
  - MTW = Michael Wesoloski
  - PJJ = Patrick Journet
  - S1Z = Sage Ziviello
- Batch Type: Analysis
  - CMR = Carl Reagle
  - JMO = John Oravec
  - MTW = Michael Wesoloski
  - PJJ = Patrick Journet
  - RJG = Rob Good
  - VVP = Vincent Piccolino

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV65-0.25-1.25
Date Collected: 04/11/23 11:30
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-1
Matrix: Solid
Percent Solids: 90.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.2	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Benzene	ND		5.4	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Bromoform	ND		5.4	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Bromomethane	ND		5.4	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
2-Butanone (MEK)	ND		5.4	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Carbon disulfide	ND		5.4	4.3	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Carbon tetrachloride	ND		5.4	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Chlorobenzene	ND		5.4	1.4	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Chlorobromomethane	ND		5.4	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Chlorodibromomethane	ND		5.4	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Chloroethane	ND		5.4	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Chloroform	ND		5.4	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Chloromethane	ND		5.4	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
cis-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Cyclohexane	ND		5.4	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,2-Dibromo-3-Chloropropane	ND		5.4	3.5	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,2-Dibromoethane	ND		5.4	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,2-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,3-Dichlorobenzene	ND		5.4	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,4-Dichlorobenzene	ND		5.4	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Dichlorobromomethane	ND		5.4	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Dichlorodifluoromethane	ND	*+	5.4	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,1-Dichloroethane	ND		5.4	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,2-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,1-Dichloroethene	ND		5.4	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,2-Dichloroethene, Total	ND		11	4.4	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,2-Dichloropropane	ND		5.4	1.4	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,4-Dioxane	ND		1100	38	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Ethylbenzene	ND		5.4	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
2-Hexanone	ND		5.4	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Isopropylbenzene	ND		5.4	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Methyl acetate	ND	*+	27	7.9	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Methylcyclohexane	ND		5.4	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Methylene Chloride	ND		5.4	4.8	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.4	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Methyl tert-butyl ether	ND		5.4	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
m-Xylene & p-Xylene	ND		5.4	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
o-Xylene	ND		5.4	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Styrene	ND		5.4	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Tetrachloroethene	ND		5.4	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Toluene	ND		5.4	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
trans-1,2-Dichloroethene	ND		5.4	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,2,3-Trichlorobenzene	ND		5.4	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,1,1-Trichloroethane	ND		5.4	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,1,2-Trichloroethane	ND		5.4	1.1	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1

Client Sample ID: SSHS-IRM5A2-SCV65-0.25-1.25
Date Collected: 04/11/23 11:30
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-1
Matrix: Solid
Percent Solids: 90.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.4	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Trichlorofluoromethane	ND		5.4	4.4	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Vinyl chloride	ND		5.4	3.9	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1
Xylenes, Total	ND		11	7.7	ug/Kg	☼	04/20/23 07:05	04/20/23 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*60 - 124*	*04/20/23 07:05*	*04/20/23 11:46*	*1*
Dibromofluoromethane (Surr)	*112*		*69 - 126*	*04/20/23 07:05*	*04/20/23 11:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*73 - 135*	*04/20/23 07:05*	*04/20/23 11:46*	*1*
Toluene-d8 (Surr)	*90*		*67 - 134*	*04/20/23 07:05*	*04/20/23 11:46*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Acenaphthylene	**220**		74	16	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Acetophenone	ND		740	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Anthracene	**140**		74	19	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Atrazine	ND		740	160	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Benzo[a]anthracene	**480**		74	33	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Benzo[a]pyrene	**520**		74	32	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Benzo[b]fluoranthene	**760**		74	18	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Benzo[g,h,i]perylene	**380**		74	16	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Benzo[k]fluoranthene	**210**		74	22	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
1,1'-Biphenyl	ND		370	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Bis(2-chloroethoxy)methane	ND		370	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Bis(2-ethylhexyl) phthalate	ND		3700	390	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Butyl benzyl phthalate	ND		370	250	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Carbazole	**36**	**J**	74	17	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
4-Chloroaniline	ND		370	97	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Chrysene	**590**		74	41	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Dibenz(a,h)anthracene	**120**		74	47	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Dibenzofuran	ND		370	140	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
3,3'-Dichlorobenzidine	ND		370	340	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2,4-Dimethylphenol	ND		370	120	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Dimethyl phthalate	ND		370	150	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Di-n-butyl phthalate	ND		370	160	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1

Client Sample ID: SSHS-IRM5A2-SCV65-0.25-1.25

Date Collected: 04/11/23 11:30
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-1

Matrix: Solid
Percent Solids: 90.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		370	140	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Di-n-octyl phthalate	ND		370	210	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
1,4-Dioxane	ND		740	120	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Fluoranthene	**780**		74	19	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Fluorene	**32**	**J**	74	14	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Hexachlorocyclopentadiene	ND		370	38	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Hexachloroethane	ND		370	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Indeno[1,2,3-cd]pyrene	**310**		74	37	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Isophorone	ND		370	140	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2-Methylnaphthalene	**47**	**J**	74	18	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2-Methylphenol	ND		370	110	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Naphthalene	**59**	**J**	74	14	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Phenanthrene	**370**		74	20	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Phenol	ND		370	110	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
Pyrene	**850**		74	17	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2,3,4,6-Tetrachlorophenol	ND		370	150	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	04/19/23 11:35	04/20/23 10:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*44 - 105*	*04/19/23 11:35*	*04/20/23 10:57*	*1*
2-Fluorophenol (Surr)	*69*		*48 - 105*	*04/19/23 11:35*	*04/20/23 10:57*	*1*
Nitrobenzene-d5 (Surr)	*86*		*46 - 105*	*04/19/23 11:35*	*04/20/23 10:57*	*1*
Phenol-d5 (Surr)	*78*		*46 - 105*	*04/19/23 11:35*	*04/20/23 10:57*	*1*
Terphenyl-d14 (Surr)	*80*		*39 - 105*	*04/19/23 11:35*	*04/20/23 10:57*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*34 - 108*	*04/19/23 11:35*	*04/20/23 10:57*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	04/17/23 11:31	04/20/23 15:57	1
PCB-1221	ND		18	6.4	ug/Kg	☼	04/17/23 11:31	04/20/23 15:57	1
PCB-1232	ND		18	4.4	ug/Kg	☼	04/17/23 11:31	04/20/23 15:57	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/17/23 11:31	04/20/23 15:57	1
PCB-1248	ND		18	4.3	ug/Kg	☼	04/17/23 11:31	04/20/23 15:57	1
PCB-1254	ND		18	5.4	ug/Kg	☼	04/17/23 11:31	04/20/23 15:57	1
PCB-1260	ND		18	5.1	ug/Kg	☼	04/17/23 11:31	04/20/23 15:57	1

Client Sample ID: SSHS-IRM5A2-SCV65-0.25-1.25

Lab Sample ID: 180-154918-1
Date Collected: 04/11/23 11:30
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.4

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		18	6.3	ug/Kg	☼	04/17/23 11:31	04/20/23 15:57	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/17/23 11:31	04/20/23 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*83*		*63 - 138*	*04/17/23 11:31*	*04/20/23 15:57*	*1*
DCB Decachlorobiphenyl (Surr)	*84*		*63 - 138*	*04/17/23 11:31*	*04/20/23 15:57*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*55 - 135*	*04/17/23 11:31*	*04/20/23 15:57*	*1*
Tetrachloro-m-xylene (Surr)	*98*		*55 - 135*	*04/17/23 11:31*	*04/20/23 15:57*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6000**		12	3.1	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Antimony	**1.1**		0.62	0.19	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Arsenic	**21**		3.1	1.9	mg/Kg	☼	04/19/23 09:44	05/01/23 13:23	5
Barium	**140**		12	2.2	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Beryllium	**0.64**		0.25	0.068	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Cadmium	**1.0**	**J**	1.6	0.23	mg/Kg	☼	04/19/23 09:44	05/01/23 13:23	5
Calcium	**8100**		310	40	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Chromium	**21**		0.31	0.28	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Cobalt	**8.1**		3.1	0.44	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Copper	**67**		1.6	0.94	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Iron	**44000**	**B**	31	30	mg/Kg	☼	04/19/23 09:44	05/01/23 13:23	5
Lead	**250**		3.1	2.7	mg/Kg	☼	04/19/23 09:44	05/01/23 13:23	5
Magnesium	**1200**		310	34	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Manganese	**370**		0.93	0.17	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Nickel	**34**		2.5	0.31	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Potassium	**890**		310	53	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Selenium	**1.2**		0.62	0.29	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Silver	ND		0.31	0.065	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Sodium	**140**	**J**	310	32	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Thallium	**0.92**	**J**	6.2	0.88	mg/Kg	☼	04/19/23 09:44	05/01/23 13:23	5
Vanadium	**16**		3.1	0.49	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1
Zinc	**150**	**B**	1.2	0.90	mg/Kg	☼	04/19/23 09:44	04/30/23 03:28	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.10**		0.035	0.023	mg/Kg	☼	05/01/23 08:30	05/02/23 12:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**9.6**		0.1	0.1	%			04/14/23 14:26	1
Percent Solids (SM22 2540G)	**90.4**		0.1	0.1	%			04/14/23 14:26	1

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17

Lab Sample ID: 180-154918-2
Date Collected: 04/11/23 11:35
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 77.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.9	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Benzene	ND		6.3	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Date Collected: 04/11/23 11:35
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-2
Matrix: Solid
Percent Solids: 77.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		6.3	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Bromomethane	ND		6.3	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
2-Butanone (MEK)	ND		6.3	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Carbon disulfide	ND		6.3	5.0	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Carbon tetrachloride	ND		6.3	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Chlorobenzene	ND		6.3	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Chlorobromomethane	ND		6.3	3.8	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Chlorodibromomethane	ND		6.3	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Chloroethane	ND		6.3	3.7	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Chloroform	ND		6.3	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Chloromethane	ND		6.3	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
cis-1,2-Dichloroethene	ND		6.3	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
cis-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Cyclohexane	ND		6.3	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,2-Dibromo-3-Chloropropane	ND		6.3	4.1	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,2-Dibromoethane	ND		6.3	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,2-Dichlorobenzene	ND		6.3	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,3-Dichlorobenzene	ND		6.3	3.9	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,4-Dichlorobenzene	ND		6.3	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Dichlorobromomethane	ND		6.3	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Dichlorodifluoromethane	ND	F1 *+	6.3	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,1-Dichloroethane	ND		6.3	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,2-Dichloroethane	ND		6.3	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,1-Dichloroethene	ND		6.3	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,2-Dichloroethene, Total	ND		13	5.1	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,2-Dichloropropane	ND		6.3	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,4-Dioxane	ND		1300	45	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Ethylbenzene	ND		6.3	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
2-Hexanone	ND		6.3	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Isopropylbenzene	ND		6.3	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Methyl acetate	ND	*+ F1	32	9.3	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Methylcyclohexane	ND		6.3	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Methylene Chloride	ND		6.3	5.7	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
4-Methyl-2-pentanone (MIBK)	ND		6.3	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Methyl tert-butyl ether	ND		6.3	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
m-Xylene & p-Xylene	ND		6.3	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
o-Xylene	ND		6.3	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Styrene	ND		6.3	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Tetrachloroethene	ND		6.3	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Toluene	ND		6.3	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
trans-1,2-Dichloroethene	ND		6.3	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
trans-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,2,3-Trichlorobenzene	ND		6.3	3.5	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,2,4-Trichlorobenzene	ND		6.3	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,1,1-Trichloroethane	ND		6.3	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
1,1,2-Trichloroethane	ND		6.3	1.2	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Trichloroethene	ND		6.3	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Trichlorofluoromethane	ND		6.3	5.2	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17

Date Collected: 04/11/23 11:35
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-2

Matrix: Solid
Percent Solids: 77.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Vinyl chloride	ND		6.3	4.5	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1
Xylenes, Total	ND		13	9.1	ug/Kg	☼	04/20/23 07:05	04/20/23 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*60 - 124*	*04/20/23 07:05*	*04/20/23 12:09*	*1*
Dibromofluoromethane (Surr)	*100*		*69 - 126*	*04/20/23 07:05*	*04/20/23 12:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 135*	*04/20/23 07:05*	*04/20/23 12:09*	*1*
Toluene-d8 (Surr)	*86*		*67 - 134*	*04/20/23 07:05*	*04/20/23 12:09*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		87	25	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Acenaphthylene	**410**		87	19	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Acetophenone	ND		870	150	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Anthracene	**200**		87	22	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Atrazine	ND		870	190	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Benzaldehyde	ND		870	54	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Benzo[a]anthracene	**700**		87	39	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Benzo[a]pyrene	**760**		87	37	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Benzo[b]fluoranthene	**1000**		87	21	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Benzo[g,h,i]perylene	**550**		87	19	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Benzo[k]fluoranthene	**420**		87	26	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
1,1'-Biphenyl	ND		430	160	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Bis(2-chloroethoxy)methane	ND		430	160	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Bis(2-chloroethyl)ether	ND		87	16	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Bis(2-ethylhexyl) phthalate	ND		4300	460	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
4-Bromophenyl phenyl ether	ND		430	180	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Butyl benzyl phthalate	ND		430	300	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Carbazole	**61**	**J**	87	20	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
4-Chloroaniline	ND		430	110	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
4-Chloro-3-methylphenol	ND		430	150	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2-Chloronaphthalene	ND		87	20	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2-Chlorophenol	ND		430	160	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
4-Chlorophenyl phenyl ether	ND		430	140	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Chrysene	**870**		87	48	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Dibenz(a,h)anthracene	**130**		87	55	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Dibenzofuran	ND		430	160	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
3,3'-Dichlorobenzidine	ND		430	400	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2,4-Dichlorophenol	ND		87	33	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Diethyl phthalate	ND		430	150	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2,4-Dimethylphenol	ND		430	140	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Dimethyl phthalate	ND		430	170	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Di-n-butyl phthalate	ND		430	190	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
4,6-Dinitro-2-methylphenol	ND		2200	740	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2,4-Dinitrophenol	ND		4300	2700	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2,4-Dinitrotoluene	ND		430	260	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2,6-Dinitrotoluene	ND		430	170	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Di-n-octyl phthalate	ND		430	250	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17

Date Collected: 04/11/23 11:35
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-2

Matrix: Solid
Percent Solids: 77.3

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		870	130	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Fluoranthene	**1200**		87	23	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Fluorene	**50**	**J**	87	17	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Hexachlorobenzene	ND		87	31	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Hexachlorobutadiene	ND		87	25	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Hexachlorocyclopentadiene	ND		430	44	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Hexachloroethane	ND		430	150	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Indeno[1,2,3-cd]pyrene	**430**		87	43	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Isophorone	ND		430	160	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2-Methylnaphthalene	**64**	**J**	87	21	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2-Methylphenol	ND		430	120	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Methylphenol, 3 & 4	ND		430	130	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Naphthalene	**78**	**J**	87	17	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2-Nitroaniline	ND		2200	200	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Nitrobenzene	ND		870	160	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2-Nitrophenol	ND		430	160	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
N-Nitrosodi-n-propylamine	ND		87	29	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
N-Nitrosodiphenylamine	ND		430	140	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2,2'-oxybis[1-chloropropane]	ND		87	32	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Pentachlorophenol	ND		2200	690	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Phenanthrene	**470**		87	23	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Phenol	ND		430	130	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
Pyrene	**1300**		87	20	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
1,2,4,5-Tetrachlorobenzene	ND		430	170	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2,3,4,6-Tetrachlorophenol	ND		430	180	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2,4,5-Trichlorophenol	ND		430	150	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1
2,4,6-Trichlorophenol	ND		430	140	ug/Kg	☼	04/19/23 11:35	04/20/23 09:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*04/19/23 11:35*	*04/20/23 09:30*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*04/19/23 11:35*	*04/20/23 09:30*	*1*
Nitrobenzene-d5 (Surr)	*79*		*46 - 105*	*04/19/23 11:35*	*04/20/23 09:30*	*1*
Phenol-d5 (Surr)	*71*		*46 - 105*	*04/19/23 11:35*	*04/20/23 09:30*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*04/19/23 11:35*	*04/20/23 09:30*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*34 - 108*	*04/19/23 11:35*	*04/20/23 09:30*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.8	ug/Kg	☼	04/17/23 11:31	04/20/23 15:01	1
PCB-1221	ND		21	7.4	ug/Kg	☼	04/17/23 11:31	04/20/23 15:01	1
PCB-1232	ND		21	5.1	ug/Kg	☼	04/17/23 11:31	04/20/23 15:01	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/17/23 11:31	04/20/23 15:01	1
PCB-1248	ND		21	5.0	ug/Kg	☼	04/17/23 11:31	04/20/23 15:01	1
PCB-1254	ND		21	6.3	ug/Kg	☼	04/17/23 11:31	04/20/23 15:01	1
PCB-1260	ND		21	6.0	ug/Kg	☼	04/17/23 11:31	04/20/23 15:01	1
PCB-1262	ND		21	7.4	ug/Kg	☼	04/17/23 11:31	04/20/23 15:01	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/17/23 11:31	04/20/23 15:01	1

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17

Lab Sample ID: 180-154918-2

Date Collected: 04/11/23 11:35
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 77.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*63 - 138*	*04/17/23 11:31*	*04/20/23 15:01*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*63 - 138*	*04/17/23 11:31*	*04/20/23 15:01*	*1*
Tetrachloro-m-xylene (Surr)	*69*		*55 - 135*	*04/17/23 11:31*	*04/20/23 15:01*	*1*
Tetrachloro-m-xylene (Surr)	*71*		*55 - 135*	*04/17/23 11:31*	*04/20/23 15:01*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9400**		18	4.4	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Antimony	ND	F1	0.89	0.27	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Arsenic	**11**		0.89	0.56	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Barium	**120**		18	3.2	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Beryllium	**0.53**		0.35	0.097	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Cadmium	**1.0**		0.44	0.065	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Calcium	**4000**		440	57	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Chromium	**14**		0.44	0.40	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Cobalt	**9.6**		4.4	0.62	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Copper	**26**		2.2	1.3	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Iron	**22000**	**B**	8.9	8.6	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Lead	**130**	**F1**	0.89	0.77	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Magnesium	**2900**		440	49	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Manganese	**580**		1.3	0.25	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Nickel	**25**		3.5	0.45	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Potassium	**2300**		440	75	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Selenium	**0.93**		0.89	0.41	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Silver	ND		0.44	0.092	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Sodium	**58**	**J**	440	45	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Thallium	**0.60**	**J**	1.8	0.25	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Vanadium	**15**		4.4	0.70	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1
Zinc	**270**	**B**	1.8	1.3	mg/Kg	☼	04/17/23 12:00	04/21/23 23:38	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.087**		0.043	0.027	mg/Kg	☼	05/01/23 08:30	05/02/23 12:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**22.7**		0.1	0.1	%			04/14/23 14:26	1
Percent Solids (SM22 2540G)	**77.3**		0.1	0.1	%			04/14/23 14:26	1

Client Sample ID: SSHS-IRM5A2-SCV73-0.17-1.17

Lab Sample ID: 180-154918-3

Date Collected: 04/11/23 11:40
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Bromomethane	ND		5.9	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
2-Butanone (MEK)	ND		5.9	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Carbon disulfide	ND		5.9	4.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV73-0.17-1.17
Date Collected: 04/11/23 11:40
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-3
Matrix: Solid
Percent Solids: 79.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Chlorobromomethane	ND		5.9	3.5	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Chloroethane	ND		5.9	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,3-Dichlorobenzene	ND		5.9	3.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Dichlorobromomethane	ND		5.9	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Dichlorodifluoromethane	ND	*+	5.9	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,1-Dichloroethene	ND		5.9	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
2-Hexanone	ND		5.9	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Isopropylbenzene	ND		5.9	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Methyl acetate	ND	*+	30	8.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Methylcyclohexane	ND		5.9	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
trans-1,2-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
trans-1,3-Dichloropropene	ND		5.9	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,2,3-Trichlorobenzene	ND		5.9	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Trichloroethene	ND		5.9	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Vinyl chloride	ND		5.9	4.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1
Xylenes, Total	ND		12	8.5	ug/Kg	☼	04/20/23 07:05	04/20/23 14:02	1

Client Sample ID: SSHS-IRM5A2-SCV73-0.17-1.17

Date Collected: 04/11/23 11:40
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-3

Matrix: Solid
Percent Solids: 79.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*60 - 124*	*04/20/23 07:05*	*04/20/23 14:02*	*1*
Dibromofluoromethane (Surr)	*119*		*69 - 126*	*04/20/23 07:05*	*04/20/23 14:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*73 - 135*	*04/20/23 07:05*	*04/20/23 14:02*	*1*
Toluene-d8 (Surr)	*116*		*67 - 134*	*04/20/23 07:05*	*04/20/23 14:02*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**33**	**J**	85	24	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Acenaphthylene	**530**		85	18	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Acetophenone	ND		850	150	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Anthracene	**250**		85	22	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Atrazine	ND		850	180	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Benzaldehyde	ND		850	52	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Benzo[a]anthracene	**770**		85	38	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Benzo[a]pyrene	**830**		85	37	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Benzo[b]fluoranthene	**1100**		85	21	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Benzo[g,h,i]perylene	**640**		85	18	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Benzo[k]fluoranthene	**380**		85	25	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
1,1'-Biphenyl	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Bis(2-chloroethoxy)methane	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Bis(2-chloroethyl)ether	ND		85	15	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Carbazole	**62**	**J**	85	20	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2-Chloronaphthalene	ND		85	19	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Chrysene	**950**		85	47	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Dibenz(a,h)anthracene	**160**		85	54	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Dibenzofuran	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
3,3'-Dichlorobenzidine	ND		420	390	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2,4-Dichlorophenol	ND		85	32	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Di-n-butyl phthalate	ND		420	180	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
4,6-Dinitro-2-methylphenol	ND		2100	730	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2,6-Dinitrotoluene	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
1,4-Dioxane	ND		850	130	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Fluoranthene	**1200**		85	22	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Fluorene	**64**	**J**	85	17	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Hexachlorobenzene	ND		85	30	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Hexachlorobutadiene	ND		85	25	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1

Client Sample ID: SSHS-IRM5A2-SCV73-0.17-1.17
Date Collected: 04/11/23 11:40
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-3
Matrix: Solid
Percent Solids: 79.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		420	43	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Indeno[1,2,3-cd]pyrene	**520**		85	42	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Isophorone	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2-Methylnaphthalene	**71**	**J**	85	20	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Methylphenol, 3 & 4	ND		420	120	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Naphthalene	**92**		85	16	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
3-Nitroaniline	ND		2100	110	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
4-Nitroaniline	ND		2100	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Nitrobenzene	ND		850	150	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
4-Nitrophenol	ND		2100	300	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
N-Nitrosodi-n-propylamine	ND		85	29	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2,2'-oxybis[1-chloropropane]	ND		85	31	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Pentachlorophenol	ND		2100	680	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Phenanthrene	**470**		85	23	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Phenol	ND		420	130	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
Pyrene	**1400**		85	20	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/20/23 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*44 - 105*	*04/19/23 11:35*	*04/20/23 11:19*	*1*
2-Fluorophenol (Surr)	*66*		*48 - 105*	*04/19/23 11:35*	*04/20/23 11:19*	*1*
Nitrobenzene-d5 (Surr)	*82*		*46 - 105*	*04/19/23 11:35*	*04/20/23 11:19*	*1*
Phenol-d5 (Surr)	*74*		*46 - 105*	*04/19/23 11:35*	*04/20/23 11:19*	*1*
Terphenyl-d14 (Surr)	*77*		*39 - 105*	*04/19/23 11:35*	*04/20/23 11:19*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*34 - 108*	*04/19/23 11:35*	*04/20/23 11:19*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.7	ug/Kg	☼	04/17/23 11:31	04/20/23 16:16	1
PCB-1221	ND		21	7.3	ug/Kg	☼	04/17/23 11:31	04/20/23 16:16	1
PCB-1232	ND		21	5.0	ug/Kg	☼	04/17/23 11:31	04/20/23 16:16	1
PCB-1242	ND		21	3.0	ug/Kg	☼	04/17/23 11:31	04/20/23 16:16	1
PCB-1248	ND		21	4.9	ug/Kg	☼	04/17/23 11:31	04/20/23 16:16	1
PCB-1254	ND		21	6.2	ug/Kg	☼	04/17/23 11:31	04/20/23 16:16	1
PCB-1260	ND		21	5.8	ug/Kg	☼	04/17/23 11:31	04/20/23 16:16	1
PCB-1262	ND		21	7.2	ug/Kg	☼	04/17/23 11:31	04/20/23 16:16	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/17/23 11:31	04/20/23 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*78*		*63 - 138*	*04/17/23 11:31*	*04/20/23 16:16*	*1*
DCB Decachlorobiphenyl (Surr)	*84*		*63 - 138*	*04/17/23 11:31*	*04/20/23 16:16*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*55 - 135*	*04/17/23 11:31*	*04/20/23 16:16*	*1*

Client Sample ID: SSHS-IRM5A2-SCV73-0.17-1.17

Lab Sample ID: 180-154918-3
Date Collected: 04/11/23 11:40
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.1

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	84		55 - 135	04/17/23 11:31	04/20/23 16:16	1

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5100		21	5.3	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Antimony	0.85	J	1.1	0.32	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Arsenic	25		1.1	0.67	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Barium	130		21	3.8	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Beryllium	0.52		0.43	0.12	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Cadmium	1.3		0.54	0.079	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Calcium	5900		540	69	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Chromium	14		0.54	0.49	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Cobalt	6.3		5.4	0.75	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Copper	77		2.7	1.6	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Iron	21000	B	11	10	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Lead	350		1.1	0.93	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Magnesium	1100		540	59	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Manganese	260		1.6	0.30	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Nickel	27		4.3	0.54	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Potassium	1200		540	91	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Selenium	2.0		1.1	0.49	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Silver	0.11	J	0.54	0.11	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Sodium	75	J	540	55	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Thallium	0.47	J	2.1	0.30	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Vanadium	18		5.4	0.85	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1
Zinc	240	B	2.1	1.6	mg/Kg	☼	04/19/23 09:44	04/30/23 03:49	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.16		0.037	0.024	mg/Kg	☼	05/01/23 08:30	05/02/23 12:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	20.9		0.1	0.1	%			04/14/23 14:26	1
Percent Solids (SM22 2540G)	79.1		0.1	0.1	%			04/14/23 14:26	1

Client Sample ID: SSHS-IRM5A2-SCV75-0-0.42

Lab Sample ID: 180-154918-4
Date Collected: 04/11/23 11:45
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 74.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		26	5.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Benzene	ND		6.5	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Bromoform	ND		6.5	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Bromomethane	ND		6.5	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
2-Butanone (MEK)	ND		6.5	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Carbon disulfide	ND		6.5	5.2	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Carbon tetrachloride	ND		6.5	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Chlorobenzene	ND		6.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV75-0-0.42
Date Collected: 04/11/23 11:45
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-4
Matrix: Solid
Percent Solids: 74.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		6.5	3.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Chlorodibromomethane	ND		6.5	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Chloroethane	ND		6.5	3.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Chloroform	ND		6.5	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Chloromethane	ND		6.5	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
cis-1,2-Dichloroethene	ND		6.5	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
cis-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Cyclohexane	ND		6.5	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,2-Dibromo-3-Chloropropane	ND		6.5	4.2	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,2-Dibromoethane	ND		6.5	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,2-Dichlorobenzene	ND		6.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,3-Dichlorobenzene	ND		6.5	4.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,4-Dichlorobenzene	ND		6.5	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Dichlorobromomethane	ND		6.5	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Dichlorodifluoromethane	ND	*+	6.5	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,1-Dichloroethane	ND		6.5	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,2-Dichloroethane	ND		6.5	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,1-Dichloroethene	ND		6.5	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,2-Dichloroethene, Total	ND		13	5.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,2-Dichloropropane	ND		6.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,4-Dioxane	ND		1300	46	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Ethylbenzene	ND		6.5	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
2-Hexanone	ND		6.5	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Isopropylbenzene	ND		6.5	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Methyl acetate	ND	*+	33	9.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Methylcyclohexane	ND		6.5	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Methylene Chloride	ND		6.5	5.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
4-Methyl-2-pentanone (MIBK)	ND		6.5	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Methyl tert-butyl ether	ND		6.5	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
m-Xylene & p-Xylene	ND		6.5	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
o-Xylene	ND		6.5	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Styrene	ND		6.5	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,1,2,2-Tetrachloroethane	ND		6.5	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Tetrachloroethene	ND		6.5	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Toluene	ND		6.5	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
trans-1,2-Dichloroethene	ND		6.5	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
trans-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,2,3-Trichlorobenzene	ND		6.5	3.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,2,4-Trichlorobenzene	ND		6.5	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,1,1-Trichloroethane	ND		6.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,1,2-Trichloroethane	ND		6.5	1.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Trichloroethene	ND		6.5	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Trichlorofluoromethane	ND		6.5	5.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.5	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Vinyl chloride	ND		6.5	4.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1
Xylenes, Total	ND		13	9.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*60 - 124*	*04/20/23 07:05*	*04/20/23 14:25*	*1*
Dibromofluoromethane (Surr)	*128*	*S1+*	*69 - 126*	*04/20/23 07:05*	*04/20/23 14:25*	*1*

Client Sample ID: SSHS-IRM5A2-SCV75-0-0.42

Date Collected: 04/11/23 11:45
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-4

Matrix: Solid
Percent Solids: 74.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*135*		*73 - 135*	*04/20/23 07:05*	*04/20/23 14:25*	*1*
Toluene-d8 (Surr)	*110*		*67 - 134*	*04/20/23 07:05*	*04/20/23 14:25*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**50**	**J**	90	26	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Acenaphthylene	**910**		90	20	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Acetophenone	ND		900	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Anthracene	**420**		90	23	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Atrazine	ND		900	200	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Benzaldehyde	ND		900	55	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Benzo[a]anthracene	**1300**		90	40	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Benzo[a]pyrene	**1500**		90	39	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Benzo[b]fluoranthene	**1900**		90	22	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Benzo[g,h,i]perylene	**1100**		90	19	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Benzo[k]fluoranthene	**630**		90	27	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
1,1'-Biphenyl	ND		440	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Bis(2-chloroethoxy)methane	ND		440	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Bis(2-chloroethyl)ether	ND		90	16	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Bis(2-ethylhexyl) phthalate	ND		4400	480	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
4-Bromophenyl phenyl ether	ND		440	190	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Butyl benzyl phthalate	ND		440	310	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Caprolactam	ND		2300	290	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Carbazole	**85**	**J**	90	21	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
4-Chloroaniline	ND		440	120	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
4-Chloro-3-methylphenol	ND		440	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2-Chloronaphthalene	ND		90	20	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2-Chlorophenol	ND		440	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
4-Chlorophenyl phenyl ether	ND		440	150	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Chrysene	**1600**		90	50	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Dibenz(a,h)anthracene	**310**		90	57	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Dibenzofuran	ND		440	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
3,3'-Dichlorobenzidine	ND		440	420	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2,4-Dichlorophenol	ND		90	34	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Diethyl phthalate	ND		440	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2,4-Dimethylphenol	ND		440	150	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Dimethyl phthalate	ND		440	180	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Di-n-butyl phthalate	ND		440	200	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
4,6-Dinitro-2-methylphenol	ND		2300	770	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2,4-Dinitrophenol	ND		4400	2800	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2,4-Dinitrotoluene	ND		440	270	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2,6-Dinitrotoluene	ND		440	170	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Di-n-octyl phthalate	ND		440	260	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
1,4-Dioxane	ND		900	140	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Fluoranthene	**1800**		90	24	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Fluorene	**86**	**J**	90	18	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Hexachlorobenzene	ND		90	32	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Hexachlorobutadiene	ND		90	26	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Hexachlorocyclopentadiene	ND		440	46	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1

Client Sample ID: SSHS-IRM5A2-SCV75-0-0.42

Date Collected: 04/11/23 11:45
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-4

Matrix: Solid
Percent Solids: 74.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		440	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Indeno[1,2,3-cd]pyrene	**880**		90	44	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Isophorone	ND		440	170	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2-Methylnaphthalene	**130**		90	21	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2-Methylphenol	ND		440	130	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Methylphenol, 3 & 4	ND		440	130	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Naphthalene	**160**		90	17	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2-Nitroaniline	ND		2300	200	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
3-Nitroaniline	ND		2300	110	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
4-Nitroaniline	ND		2300	170	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Nitrobenzene	ND		900	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2-Nitrophenol	ND		440	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
4-Nitrophenol	ND		2300	310	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
N-Nitrosodi-n-propylamine	ND		90	30	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
N-Nitrosodiphenylamine	ND		440	150	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2,2'-oxybis[1-chloropropane]	ND		90	33	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Pentachlorophenol	ND		2300	720	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Phenanthrene	**590**		90	24	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Phenol	ND		440	140	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
Pyrene	**2100**		90	21	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
1,2,4,5-Tetrachlorobenzene	ND		440	180	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2,3,4,6-Tetrachlorophenol	ND		440	190	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2,4,5-Trichlorophenol	ND		440	160	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1
2,4,6-Trichlorophenol	ND		440	150	ug/Kg	☼	04/19/23 11:35	04/20/23 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/19/23 11:35*	*04/20/23 11:40*	*1*
2-Fluorophenol (Surr)	*60*		*48 - 105*	*04/19/23 11:35*	*04/20/23 11:40*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*	*04/19/23 11:35*	*04/20/23 11:40*	*1*
Phenol-d5 (Surr)	*68*		*46 - 105*	*04/19/23 11:35*	*04/20/23 11:40*	*1*
Terphenyl-d14 (Surr)	*68*		*39 - 105*	*04/19/23 11:35*	*04/20/23 11:40*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*34 - 108*	*04/19/23 11:35*	*04/20/23 11:40*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.1	ug/Kg	☼	04/17/23 11:31	04/20/23 16:34	1
PCB-1221	ND		22	7.7	ug/Kg	☼	04/17/23 11:31	04/20/23 16:34	1
PCB-1232	ND		22	5.3	ug/Kg	☼	04/17/23 11:31	04/20/23 16:34	1
PCB-1242	ND		22	3.2	ug/Kg	☼	04/17/23 11:31	04/20/23 16:34	1
PCB-1248	ND		22	5.2	ug/Kg	☼	04/17/23 11:31	04/20/23 16:34	1
PCB-1254	**22**		22	6.5	ug/Kg	☼	04/17/23 11:31	04/20/23 16:34	1
PCB-1260	ND		22	6.2	ug/Kg	☼	04/17/23 11:31	04/20/23 16:34	1
PCB-1262	ND		22	7.6	ug/Kg	☼	04/17/23 11:31	04/20/23 16:34	1
PCB-1268	ND		22	2.9	ug/Kg	☼	04/17/23 11:31	04/20/23 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*63 - 138*	*04/17/23 11:31*	*04/20/23 16:34*	*1*
DCB Decachlorobiphenyl (Surr)	*78*		*63 - 138*	*04/17/23 11:31*	*04/20/23 16:34*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*55 - 135*	*04/17/23 11:31*	*04/20/23 16:34*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*55 - 135*	*04/17/23 11:31*	*04/20/23 16:34*	*1*

Client Sample ID: SSHS-IRM5A2-SCV75-0-0.42

Lab Sample ID: 180-154918-4

Date Collected: 04/11/23 11:45
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 74.7

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9300		21	5.3	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Antimony	ND		1.1	0.32	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Arsenic	15		1.1	0.67	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Barium	150		21	3.8	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Beryllium	0.65		0.43	0.12	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Cadmium	1.1		0.53	0.078	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Calcium	3200		530	69	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Chromium	16		0.53	0.48	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Cobalt	9.6		5.3	0.75	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Copper	43		2.7	1.6	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Iron	28000	B	11	10	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Lead	190		1.1	0.93	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Magnesium	2400		530	58	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Manganese	550		1.6	0.30	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Nickel	28		4.3	0.54	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Potassium	1500		530	90	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Selenium	1.1		1.1	0.49	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Silver	ND		0.53	0.11	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Sodium	63	J	530	54	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Thallium	0.60	J	2.1	0.30	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Vanadium	18		5.3	0.84	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1
Zinc	510	B	2.1	1.5	mg/Kg	☼	04/19/23 09:44	04/30/23 03:54	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.043	0.028	mg/Kg	☼	05/01/23 08:30	05/02/23 12:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	25.3		0.1	0.1	%			04/14/23 14:26	1
Percent Solids (SM22 2540G)	74.7		0.1	0.1	%			04/14/23 14:26	1

Client Sample ID: SSHS-IRM5A2-SCV75-0.42-1.42

Lab Sample ID: 180-154918-5

Date Collected: 04/11/23 11:50
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Benzene	ND		5.2	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Bromoform	ND		5.2	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Bromomethane	ND		5.2	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
2-Butanone (MEK)	ND		5.2	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Carbon disulfide	ND		5.2	4.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Carbon tetrachloride	ND		5.2	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Chlorobenzene	ND		5.2	1.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Chlorobromomethane	ND		5.2	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Chlorodibromomethane	ND		5.2	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Chloroethane	ND		5.2	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Chloroform	ND		5.2	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV75-0.42-1.42
Date Collected: 04/11/23 11:50
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-5
Matrix: Solid
Percent Solids: 90.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.2	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
cis-1,2-Dichloroethene	ND		5.2	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
cis-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Cyclohexane	ND		5.2	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,2-Dibromo-3-Chloropropane	ND		5.2	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,2-Dibromoethane	ND		5.2	1.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,2-Dichlorobenzene	ND		5.2	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,3-Dichlorobenzene	ND		5.2	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,4-Dichlorobenzene	ND		5.2	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Dichlorobromomethane	ND		5.2	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Dichlorodifluoromethane	ND	*+	5.2	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,1-Dichloroethane	ND		5.2	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,2-Dichloroethane	ND		5.2	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,1-Dichloroethene	ND		5.2	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,2-Dichloroethene, Total	ND		10	4.2	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,2-Dichloropropane	ND		5.2	1.4	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,4-Dioxane	ND		1000	37	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Ethylbenzene	ND		5.2	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
2-Hexanone	ND		5.2	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Isopropylbenzene	ND		5.2	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Methyl acetate	ND	*+	26	7.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Methylcyclohexane	ND		5.2	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Methylene Chloride	ND		5.2	4.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.2	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Methyl tert-butyl ether	ND		5.2	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
m-Xylene & p-Xylene	ND		5.2	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
o-Xylene	ND		5.2	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Styrene	ND		5.2	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,1,2,2-Tetrachloroethane	ND		5.2	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Tetrachloroethene	ND		5.2	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Toluene	ND		5.2	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
trans-1,2-Dichloroethene	ND		5.2	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
trans-1,3-Dichloropropene	ND		5.2	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,2,3-Trichlorobenzene	ND		5.2	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,2,4-Trichlorobenzene	ND		5.2	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,1,1-Trichloroethane	ND		5.2	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,1,2-Trichloroethane	ND		5.2	1.0	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Trichloroethene	ND		5.2	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Trichlorofluoromethane	ND		5.2	4.3	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Vinyl chloride	ND		5.2	3.7	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1
Xylenes, Total	ND		10	7.5	ug/Kg	☼	04/20/23 07:05	04/20/23 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*60 - 124*	*04/20/23 07:05*	*04/20/23 14:48*	*1*
Dibromofluoromethane (Surr)	*110*		*69 - 126*	*04/20/23 07:05*	*04/20/23 14:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*73 - 135*	*04/20/23 07:05*	*04/20/23 14:48*	*1*
Toluene-d8 (Surr)	*97*		*67 - 134*	*04/20/23 07:05*	*04/20/23 14:48*	*1*

Client Sample ID: SSHS-IRM5A2-SCV75-0.42-1.42

Date Collected: 04/11/23 11:50
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-5

Matrix: Solid
Percent Solids: 90.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**62**	**J**	74	21	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Acenaphthylene	**800**		74	16	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Acetophenone	ND		740	130	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Anthracene	**330**		74	19	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Atrazine	ND		740	160	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Benzo[a]anthracene	**2000**		74	33	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Benzo[a]pyrene	**1900**		74	32	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Benzo[b]fluoranthene	**2100**		74	18	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Benzo[g,h,i]perylene	**1100**		74	16	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Benzo[k]fluoranthene	**870**		74	22	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Carbazole	**24**	**J**	74	17	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Chrysene	**1800**		74	41	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Dibenz(a,h)anthracene	**260**		74	47	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Fluoranthene	**2600**		74	19	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Fluorene	**51**	**J**	74	14	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Indeno[1,2,3-cd]pyrene	**960**		74	37	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Isophorone	ND		360	140	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2-Methylnaphthalene	**49**	**J**	74	18	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1

Client Sample ID: SSHS-IRM5A2-SCV75-0.42-1.42
Date Collected: 04/11/23 11:50
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-5
Matrix: Solid
Percent Solids: 90.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Naphthalene	**45**	**J**	74	14	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Phenanthrene	**370**		74	20	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Phenol	ND		360	110	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
Pyrene	**2800**		74	17	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/19/23 11:35	04/20/23 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*44 - 105*	*04/19/23 11:35*	*04/20/23 12:02*	*1*
2-Fluorophenol (Surr)	*65*		*48 - 105*	*04/19/23 11:35*	*04/20/23 12:02*	*1*
Nitrobenzene-d5 (Surr)	*80*		*46 - 105*	*04/19/23 11:35*	*04/20/23 12:02*	*1*
Phenol-d5 (Surr)	*74*		*46 - 105*	*04/19/23 11:35*	*04/20/23 12:02*	*1*
Terphenyl-d14 (Surr)	*73*		*39 - 105*	*04/19/23 11:35*	*04/20/23 12:02*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*	*04/19/23 11:35*	*04/20/23 12:02*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.8	ug/Kg	☼	04/17/23 11:31	04/20/23 16:53	1
PCB-1221	ND		18	6.3	ug/Kg	☼	04/17/23 11:31	04/20/23 16:53	1
PCB-1232	ND		18	4.4	ug/Kg	☼	04/17/23 11:31	04/20/23 16:53	1
PCB-1242	ND		18	2.6	ug/Kg	☼	04/17/23 11:31	04/20/23 16:53	1
PCB-1248	ND		18	4.3	ug/Kg	☼	04/17/23 11:31	04/20/23 16:53	1
PCB-1254	ND		18	5.4	ug/Kg	☼	04/17/23 11:31	04/20/23 16:53	1
PCB-1260	ND		18	5.1	ug/Kg	☼	04/17/23 11:31	04/20/23 16:53	1
PCB-1262	ND		18	6.3	ug/Kg	☼	04/17/23 11:31	04/20/23 16:53	1
PCB-1268	ND		18	2.4	ug/Kg	☼	04/17/23 11:31	04/20/23 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*78*		*63 - 138*	*04/17/23 11:31*	*04/20/23 16:53*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*63 - 138*	*04/17/23 11:31*	*04/20/23 16:53*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*04/17/23 11:31*	*04/20/23 16:53*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*04/17/23 11:31*	*04/20/23 16:53*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6500**		14	3.5	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Antimony	ND		0.70	0.21	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1

Client Sample ID: SSHS-IRM5A2-SCV75-0.42-1.42

Lab Sample ID: 180-154918-5
Date Collected: 04/11/23 11:50
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 90.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		0.70	0.44	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Barium	56		14	2.5	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Beryllium	0.30		0.28	0.076	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Cadmium	ND		0.35	0.051	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Calcium	290	J	350	45	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Chromium	8.1		0.35	0.32	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Cobalt	4.4		3.5	0.49	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Copper	22		1.7	1.1	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Iron	13000	B	7.0	6.8	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Lead	53		0.70	0.61	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Magnesium	1200		350	38	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Manganese	250		1.0	0.19	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Nickel	9.2		2.8	0.35	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Potassium	470		350	60	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Selenium	0.77		0.70	0.32	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Silver	ND		0.35	0.073	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Sodium	ND		350	36	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Thallium	0.56	J	1.4	0.20	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Vanadium	12		3.5	0.55	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1
Zinc	48	B	1.4	1.0	mg/Kg	☼	04/19/23 09:44	04/30/23 03:59	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.065		0.032	0.020	mg/Kg	☼	05/01/23 08:30	05/02/23 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	9.5		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	90.5		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV76-0-0.67

Lab Sample ID: 180-154918-6
Date Collected: 04/11/23 11:55
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 81.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Benzene	ND		5.8	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Bromoform	ND		5.8	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Bromomethane	ND		5.8	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
2-Butanone (MEK)	ND		5.8	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Carbon disulfide	ND		5.8	4.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Carbon tetrachloride	ND		5.8	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Chlorobenzene	ND		5.8	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Chlorobromomethane	ND		5.8	3.5	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Chlorodibromomethane	ND		5.8	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Chloroethane	ND		5.8	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Chloroform	ND		5.8	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Chloromethane	ND		5.8	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
cis-1,2-Dichloroethene	ND		5.8	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV76-0-0.67
Date Collected: 04/11/23 11:55
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-6
Matrix: Solid
Percent Solids: 81.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Cyclohexane	ND		5.8	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,2-Dibromo-3-Chloropropane	ND		5.8	3.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,2-Dibromoethane	ND		5.8	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,2-Dichlorobenzene	ND		5.8	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,3-Dichlorobenzene	ND		5.8	3.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,4-Dichlorobenzene	ND		5.8	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Dichlorobromomethane	ND		5.8	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Dichlorodifluoromethane	ND	*+	5.8	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,1-Dichloroethane	ND		5.8	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,2-Dichloroethane	ND		5.8	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,1-Dichloroethene	ND		5.8	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,2-Dichloropropane	ND		5.8	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,4-Dioxane	ND		1200	41	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Ethylbenzene	ND		5.8	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
2-Hexanone	ND		5.8	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Isopropylbenzene	ND		5.8	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Methyl acetate	ND	*+	29	8.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Methylcyclohexane	ND		5.8	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Methylene Chloride	ND		5.8	5.3	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
4-Methyl-2-pentanone (MIBK)	ND		5.8	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Methyl tert-butyl ether	ND		5.8	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
m-Xylene & p-Xylene	ND		5.8	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
o-Xylene	ND		5.8	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Styrene	ND		5.8	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Tetrachloroethene	ND		5.8	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Toluene	ND		5.8	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
trans-1,2-Dichloroethene	ND		5.8	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
trans-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,2,3-Trichlorobenzene	ND		5.8	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,2,4-Trichlorobenzene	ND		5.8	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,1,1-Trichloroethane	ND		5.8	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,1,2-Trichloroethane	ND		5.8	1.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Trichloroethene	ND		5.8	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Trichlorofluoromethane	ND		5.8	4.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Vinyl chloride	ND		5.8	4.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1
Xylenes, Total	ND		12	8.4	ug/Kg	☼	04/20/23 07:05	04/20/23 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*60 - 124*	*04/20/23 07:05*	*04/20/23 15:10*	*1*
Dibromofluoromethane (Surr)	*128*	*S1+*	*69 - 126*	*04/20/23 07:05*	*04/20/23 15:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*143*	*S1+*	*73 - 135*	*04/20/23 07:05*	*04/20/23 15:10*	*1*
Toluene-d8 (Surr)	*111*		*67 - 134*	*04/20/23 07:05*	*04/20/23 15:10*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		82	23	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV76-0-0.67
Date Collected: 04/11/23 11:55
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-6
Matrix: Solid
Percent Solids: 81.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**140**		82	18	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Acetophenone	ND		820	150	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Anthracene	**71**	**J**	82	21	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Atrazine	ND		820	180	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Benzaldehyde	ND		820	51	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Benzo[a]anthracene	**350**		82	37	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Benzo[a]pyrene	**360**		82	35	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Benzo[b]fluoranthene	**500**		82	20	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Benzo[g,h,i]perylene	**310**		82	18	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Benzo[k]fluoranthene	**210**		82	24	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Bis(2-chloroethyl)ether	ND		82	15	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Carbazole	**23**	**J**	82	19	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2-Chloronaphthalene	ND		82	19	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
4-Chlorophenyl phenyl ether	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Chrysene	**450**		82	45	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Dibenz(a,h)anthracene	**80**	**J**	82	52	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2,4-Dichlorophenol	ND		82	31	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
1,4-Dioxane	ND		820	130	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Fluoranthene	**480**		82	21	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Fluorene	ND		82	16	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Hexachlorobenzene	ND		82	29	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Hexachlorobutadiene	ND		82	24	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Hexachlorocyclopentadiene	ND		400	42	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Indeno[1,2,3-cd]pyrene	**240**		82	41	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Isophorone	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2-Methylnaphthalene	**100**		82	20	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2-Methylphenol	ND		400	120	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV76-0-0.67
Date Collected: 04/11/23 11:55
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-6
Matrix: Solid
Percent Solids: 81.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**97**		82	16	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Nitrobenzene	ND		820	150	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
N-Nitrosodi-n-propylamine	ND		82	28	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
N-Nitrosodiphenylamine	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2,2'-oxybis[1-chloropropane]	ND		82	30	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Pentachlorophenol	ND		2100	650	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Phenanthrene	**200**		82	22	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Phenol	ND		400	120	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
Pyrene	**730**		82	19	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1
2,4,6-Trichlorophenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*44 - 105*	*04/19/23 11:35*	*04/21/23 18:30*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*04/19/23 11:35*	*04/21/23 18:30*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*04/19/23 11:35*	*04/21/23 18:30*	*1*
Phenol-d5 (Surr)	*75*		*46 - 105*	*04/19/23 11:35*	*04/21/23 18:30*	*1*
Terphenyl-d14 (Surr)	*93*		*39 - 105*	*04/19/23 11:35*	*04/21/23 18:30*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*34 - 108*	*04/19/23 11:35*	*04/21/23 18:30*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/17/23 11:31	04/20/23 17:12	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/17/23 11:31	04/20/23 17:12	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/17/23 11:31	04/20/23 17:12	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/17/23 11:31	04/20/23 17:12	1
PCB-1248	ND		20	4.8	ug/Kg	☼	04/17/23 11:31	04/20/23 17:12	1
PCB-1254	ND		20	5.9	ug/Kg	☼	04/17/23 11:31	04/20/23 17:12	1
PCB-1260	ND		20	5.6	ug/Kg	☼	04/17/23 11:31	04/20/23 17:12	1
PCB-1262	ND		20	7.0	ug/Kg	☼	04/17/23 11:31	04/20/23 17:12	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/17/23 11:31	04/20/23 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*04/17/23 11:31*	*04/20/23 17:12*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*63 - 138*	*04/17/23 11:31*	*04/20/23 17:12*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*55 - 135*	*04/17/23 11:31*	*04/20/23 17:12*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*04/17/23 11:31*	*04/20/23 17:12*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7500**		23	5.7	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Antimony	ND		1.2	0.35	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Arsenic	**14**		1.2	0.72	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1

Client Sample ID: SSHS-IRM5A2-SCV76-0-0.67

Lab Sample ID: 180-154918-6
Date Collected: 04/11/23 11:55
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 81.9

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	150		23	4.1	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Beryllium	0.49		0.46	0.13	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Cadmium	0.91		0.58	0.085	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Calcium	3400		580	74	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Chromium	13		0.58	0.52	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Cobalt	6.2		5.8	0.81	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Copper	40		2.9	1.7	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Iron	25000	B	12	11	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Lead	200		1.2	1.0	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Magnesium	1600		580	63	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Manganese	380		1.7	0.32	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Nickel	20		4.6	0.58	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Potassium	660		580	98	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Selenium	0.69	J	1.2	0.53	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Silver	ND		0.58	0.12	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Sodium	81	J	580	59	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Thallium	0.61	J	2.3	0.33	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Vanadium	15		5.8	0.91	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1
Zinc	400	B	2.3	1.7	mg/Kg	☼	04/19/23 09:44	04/30/23 04:04	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.44		0.039	0.025	mg/Kg	☼	05/01/23 08:30	05/02/23 12:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	18.1		0.1	0.1	%			04/15/23 15:12	1
Percent Solids (SM22 2540G)	81.9		0.1	0.1	%			04/15/23 15:12	1

Client Sample ID: SSHS-IRM5A2-SCV76-0.67-1.67

Lab Sample ID: 180-154918-7
Date Collected: 04/11/23 12:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 83.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.3	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Benzene	ND		5.5	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Bromoform	ND		5.5	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Bromomethane	ND		5.5	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
2-Butanone (MEK)	ND		5.5	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Carbon disulfide	ND		5.5	4.4	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Carbon tetrachloride	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Chlorobenzene	ND		5.5	1.4	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Chlorobromomethane	ND		5.5	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Chlorodibromomethane	ND		5.5	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Chloroethane	ND		5.5	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Chloroform	ND		5.5	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Chloromethane	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
cis-1,2-Dichloroethene	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
cis-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV76-0.67-1.67
Date Collected: 04/11/23 12:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-7
Matrix: Solid
Percent Solids: 83.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		5.5	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,2-Dibromo-3-Chloropropane	ND		5.5	3.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,2-Dichlorobenzene	ND		5.5	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,3-Dichlorobenzene	ND		5.5	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,4-Dichlorobenzene	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Dichlorobromomethane	ND		5.5	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Dichlorodifluoromethane	ND	*+	5.5	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,1-Dichloroethane	ND		5.5	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,2-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,1-Dichloroethene	ND		5.5	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,2-Dichloroethene, Total	ND		11	4.5	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,2-Dichloropropane	ND		5.5	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,4-Dioxane	ND		1100	39	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Ethylbenzene	ND		5.5	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
2-Hexanone	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Isopropylbenzene	ND		5.5	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Methyl acetate	ND	*+	28	8.1	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Methylcyclohexane	ND		5.5	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Methylene Chloride	ND		5.5	5.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.5	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Methyl tert-butyl ether	ND		5.5	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
m-Xylene & p-Xylene	ND		5.5	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
o-Xylene	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Styrene	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Tetrachloroethene	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Toluene	ND		5.5	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
trans-1,2-Dichloroethene	ND		5.5	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
trans-1,3-Dichloropropene	ND		5.5	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,2,3-Trichlorobenzene	ND		5.5	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,1,1-Trichloroethane	ND		5.5	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,1,2-Trichloroethane	ND		5.5	1.1	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Trichloroethene	ND		5.5	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Trichlorofluoromethane	ND		5.5	4.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Vinyl chloride	ND		5.5	4.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1
Xylenes, Total	ND		11	8.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*60 - 124*	*04/20/23 07:05*	*04/20/23 15:34*	*1*
Dibromofluoromethane (Surr)	*125*		*69 - 126*	*04/20/23 07:05*	*04/20/23 15:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*73 - 135*	*04/20/23 07:05*	*04/20/23 15:34*	*1*
Toluene-d8 (Surr)	*106*		*67 - 134*	*04/20/23 07:05*	*04/20/23 15:34*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		80	23	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Acenaphthylene	**97**		80	17	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1

Client Sample ID: SSHS-IRM5A2-SCV76-0.67-1.67
Date Collected: 04/11/23 12:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-7
Matrix: Solid
Percent Solids: 83.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		800	140	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Anthracene	**56**	**J**	80	21	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Atrazine	ND		800	170	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Benzaldehyde	ND		800	50	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Benzo[a]anthracene	**220**		80	36	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Benzo[a]pyrene	**240**		80	35	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Benzo[b]fluoranthene	**330**		80	20	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Benzo[g,h,i]perylene	**170**		80	17	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Benzo[k]fluoranthene	**130**		80	24	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Bis(2-chloroethyl)ether	ND		80	14	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Butyl benzyl phthalate	ND		400	270	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Carbazole	ND		80	19	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
4-Chloroaniline	ND		400	100	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2-Chloronaphthalene	ND		80	18	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Chrysene	**280**		80	44	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Dibenz(a,h)anthracene	**55**	**J**	80	51	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
3,3'-Dichlorobenzidine	ND		400	370	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2,4-Dichlorophenol	ND		80	31	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2,4-Dimethylphenol	ND		400	130	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Di-n-butyl phthalate	ND		400	170	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
4,6-Dinitro-2-methylphenol	ND		2000	690	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Di-n-octyl phthalate	ND		400	230	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
1,4-Dioxane	ND		800	120	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Fluoranthene	**330**		80	21	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Fluorene	ND		80	16	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Hexachlorobenzene	ND		80	29	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Hexachlorobutadiene	ND		80	23	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Hexachlorocyclopentadiene	ND		400	41	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Indeno[1,2,3-cd]pyrene	**140**		80	40	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Isophorone	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2-Methylnaphthalene	**65**	**J**	80	19	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2-Methylphenol	ND		400	110	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Naphthalene	**53**	**J**	80	16	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1

Client Sample ID: SSHS-IRM5A2-SCV76-0.67-1.67

Date Collected: 04/11/23 12:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-7

Matrix: Solid
Percent Solids: 83.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Nitrobenzene	ND		800	150	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
N-Nitrosodi-n-propylamine	ND		80	27	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2,2'-oxybis[1-chloropropane]	ND		80	30	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Phenanthrene	**130**		80	21	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Phenol	ND		400	120	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
Pyrene	**370**		80	19	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	04/19/23 11:35	04/21/23 07:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*44 - 105*	*04/19/23 11:35*	*04/21/23 07:57*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*04/19/23 11:35*	*04/21/23 07:57*	*1*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*	*04/19/23 11:35*	*04/21/23 07:57*	*1*
Phenol-d5 (Surr)	*64*		*46 - 105*	*04/19/23 11:35*	*04/21/23 07:57*	*1*
Terphenyl-d14 (Surr)	*65*		*39 - 105*	*04/19/23 11:35*	*04/21/23 07:57*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*34 - 108*	*04/19/23 11:35*	*04/21/23 07:57*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	04/17/23 11:31	04/20/23 17:30	1
PCB-1221	ND		19	6.9	ug/Kg	☼	04/17/23 11:31	04/20/23 17:30	1
PCB-1232	ND		19	4.7	ug/Kg	☼	04/17/23 11:31	04/20/23 17:30	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/17/23 11:31	04/20/23 17:30	1
PCB-1248	ND		19	4.7	ug/Kg	☼	04/17/23 11:31	04/20/23 17:30	1
PCB-1254	ND		19	5.8	ug/Kg	☼	04/17/23 11:31	04/20/23 17:30	1
PCB-1260	ND		19	5.5	ug/Kg	☼	04/17/23 11:31	04/20/23 17:30	1
PCB-1262	ND		19	6.8	ug/Kg	☼	04/17/23 11:31	04/20/23 17:30	1
PCB-1268	ND		19	2.6	ug/Kg	☼	04/17/23 11:31	04/20/23 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*72*		*63 - 138*	*04/17/23 11:31*	*04/20/23 17:30*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*63 - 138*	*04/17/23 11:31*	*04/20/23 17:30*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*55 - 135*	*04/17/23 11:31*	*04/20/23 17:30*	*1*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*	*04/17/23 11:31*	*04/20/23 17:30*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8500**		16	4.1	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Antimony	ND		0.82	0.25	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Arsenic	**13**		0.82	0.51	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Barium	**150**		16	2.9	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1

Client Sample ID: SSHS-IRM5A2-SCV76-0.67-1.67

Lab Sample ID: 180-154918-7

Date Collected: 04/11/23 12:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 83.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.48		0.33	0.089	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Cadmium	1.6		0.41	0.060	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Calcium	2400		410	53	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Chromium	12		0.41	0.37	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Cobalt	7.7		4.1	0.58	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Copper	100		2.1	1.2	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Iron	25000	B	8.2	8.0	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Lead	150		0.82	0.71	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Magnesium	1800		410	45	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Manganese	440		1.2	0.23	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Nickel	19		3.3	0.41	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Potassium	650		410	70	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Selenium	1.1		0.82	0.38	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Silver	ND		0.41	0.085	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Sodium	63	J	410	42	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Thallium	0.71	J	1.6	0.23	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Vanadium	17		4.1	0.65	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1
Zinc	1300	B	1.6	1.2	mg/Kg	☼	04/19/23 09:44	04/30/23 04:09	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.57		0.038	0.025	mg/Kg	☼	05/01/23 08:30	05/02/23 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	16.5		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	83.5		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV77-0-0.17

Lab Sample ID: 180-154918-8

Date Collected: 04/11/23 13:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 80.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.5	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Benzene	ND		5.8	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Bromoform	ND		5.8	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Bromomethane	ND		5.8	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
2-Butanone (MEK)	ND		5.8	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Carbon disulfide	ND		5.8	4.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Carbon tetrachloride	ND		5.8	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Chlorobenzene	ND		5.8	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Chlorobromomethane	ND		5.8	3.5	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Chlorodibromomethane	ND		5.8	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Chloroethane	ND		5.8	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Chloroform	ND		5.8	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Chloromethane	ND		5.8	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
cis-1,2-Dichloroethene	ND		5.8	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
cis-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Cyclohexane	ND		5.8	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1

Client Sample ID: SSHS-IRM5A2-SCV77-0-0.17
Date Collected: 04/11/23 13:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-8
Matrix: Solid
Percent Solids: 80.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.8	3.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,2-Dibromoethane	ND		5.8	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,2-Dichlorobenzene	ND		5.8	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,3-Dichlorobenzene	ND		5.8	3.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,4-Dichlorobenzene	ND		5.8	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Dichlorobromomethane	ND		5.8	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Dichlorodifluoromethane	ND	*+	5.8	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,1-Dichloroethane	ND		5.8	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,2-Dichloroethane	ND		5.8	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,1-Dichloroethene	ND		5.8	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,2-Dichloropropane	ND		5.8	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,4-Dioxane	ND		1200	41	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Ethylbenzene	ND		5.8	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
2-Hexanone	ND		5.8	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Isopropylbenzene	ND		5.8	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Methyl acetate	ND	*+	29	8.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Methylcyclohexane	ND		5.8	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Methylene Chloride	ND		5.8	5.3	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.8	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Methyl tert-butyl ether	ND		5.8	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
m-Xylene & p-Xylene	ND		5.8	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
o-Xylene	ND		5.8	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Styrene	ND		5.8	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Tetrachloroethene	ND		5.8	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Toluene	ND		5.8	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
trans-1,2-Dichloroethene	ND		5.8	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
trans-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,2,3-Trichlorobenzene	ND		5.8	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,2,4-Trichlorobenzene	ND		5.8	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,1,1-Trichloroethane	ND		5.8	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,1,2-Trichloroethane	ND		5.8	1.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Trichloroethene	ND		5.8	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Trichlorofluoromethane	ND		5.8	4.8	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Vinyl chloride	ND		5.8	4.2	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1
Xylenes, Total	ND		12	8.4	ug/Kg	☼	04/20/23 07:05	04/20/23 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 124*	*04/20/23 07:05*	*04/20/23 15:57*	*1*
Dibromofluoromethane (Surr)	*117*		*69 - 126*	*04/20/23 07:05*	*04/20/23 15:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*		*73 - 135*	*04/20/23 07:05*	*04/20/23 15:57*	*1*
Toluene-d8 (Surr)	*94*		*67 - 134*	*04/20/23 07:05*	*04/20/23 15:57*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		83	24	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Acenaphthylene	**340**		83	18	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Acetophenone	ND		830	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV77-0-0.17
Date Collected: 04/11/23 13:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-8
Matrix: Solid
Percent Solids: 80.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**180**		83	21	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Atrazine	ND		830	180	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Benzaldehyde	ND		830	51	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Benzo[a]anthracene	**560**		83	37	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Benzo[a]pyrene	**670**		83	36	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Benzo[b]fluoranthene	**920**		83	20	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Benzo[g,h,i]perylene	**470**		83	18	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Benzo[k]fluoranthene	**350**		83	25	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
1,1'-Biphenyl	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Bis(2-chloroethoxy)methane	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Bis(2-chloroethyl)ether	ND		83	15	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Bis(2-ethylhexyl) phthalate	ND		4100	440	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
4-Bromophenyl phenyl ether	ND		410	180	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Butyl benzyl phthalate	ND		410	280	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Carbazole	**43**	**J**	83	19	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
4-Chloroaniline	ND		410	110	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
4-Chloro-3-methylphenol	ND		410	140	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2-Chloronaphthalene	ND		83	19	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2-Chlorophenol	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
4-Chlorophenyl phenyl ether	ND		410	140	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Chrysene	**730**		83	46	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Dibenz(a,h)anthracene	**120**		83	53	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Dibenzofuran	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
3,3'-Dichlorobenzidine	ND		410	380	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2,4-Dichlorophenol	ND		83	32	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Diethyl phthalate	ND		410	140	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2,4-Dimethylphenol	ND		410	140	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Dimethyl phthalate	ND		410	160	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Di-n-butyl phthalate	ND		410	180	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
4,6-Dinitro-2-methylphenol	ND		2100	710	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2,4-Dinitrophenol	ND		4100	2600	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2,4-Dinitrotoluene	ND		410	250	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2,6-Dinitrotoluene	ND		410	160	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Di-n-octyl phthalate	ND		410	240	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
1,4-Dioxane	ND		830	130	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Fluoranthene	**840**		83	22	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Fluorene	**40**	**J**	83	16	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Hexachlorobenzene	ND		83	30	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Hexachlorobutadiene	ND		83	24	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Hexachlorocyclopentadiene	ND		410	42	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Hexachloroethane	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Indeno[1,2,3-cd]pyrene	**390**		83	41	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Isophorone	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2-Methylnaphthalene	**63**	**J**	83	20	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2-Methylphenol	ND		410	120	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Methylphenol, 3 & 4	ND		410	120	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Naphthalene	**81**	**J**	83	16	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1

Client Sample ID: SSHS-IRM5A2-SCV77-0-0.17

Date Collected: 04/11/23 13:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-8

Matrix: Solid
Percent Solids: 80.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Nitrobenzene	ND		830	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2-Nitrophenol	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
N-Nitrosodi-n-propylamine	ND		83	28	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
N-Nitrosodiphenylamine	ND		410	140	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2,2'-oxybis[1-chloropropane]	ND		83	31	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Pentachlorophenol	ND		2100	660	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Phenanthrene	**280**		83	22	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Phenol	ND		410	130	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
Pyrene	**1100**		83	20	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
1,2,4,5-Tetrachlorobenzene	ND		410	160	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2,3,4,6-Tetrachlorophenol	ND		410	170	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2,4,5-Trichlorophenol	ND		410	140	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1
2,4,6-Trichlorophenol	ND		410	140	ug/Kg	☼	04/19/23 11:35	04/21/23 08:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*44 - 105*	*04/19/23 11:35*	*04/21/23 08:19*	*1*
2-Fluorophenol (Surr)	*52*		*48 - 105*	*04/19/23 11:35*	*04/21/23 08:19*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*	*04/19/23 11:35*	*04/21/23 08:19*	*1*
Phenol-d5 (Surr)	*59*		*46 - 105*	*04/19/23 11:35*	*04/21/23 08:19*	*1*
Terphenyl-d14 (Surr)	*69*		*39 - 105*	*04/19/23 11:35*	*04/21/23 08:19*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*34 - 108*	*04/19/23 11:35*	*04/21/23 08:19*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	04/17/23 11:31	04/20/23 17:49	1
PCB-1221	ND		20	7.1	ug/Kg	☼	04/17/23 11:31	04/20/23 17:49	1
PCB-1232	ND		20	4.9	ug/Kg	☼	04/17/23 11:31	04/20/23 17:49	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/17/23 11:31	04/20/23 17:49	1
PCB-1248	ND		20	4.8	ug/Kg	☼	04/17/23 11:31	04/20/23 17:49	1
PCB-1254	ND		20	6.0	ug/Kg	☼	04/17/23 11:31	04/20/23 17:49	1
PCB-1260	ND		20	5.7	ug/Kg	☼	04/17/23 11:31	04/20/23 17:49	1
PCB-1262	ND		20	7.1	ug/Kg	☼	04/17/23 11:31	04/20/23 17:49	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/17/23 11:31	04/20/23 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*	*04/17/23 11:31*	*04/20/23 17:49*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*63 - 138*	*04/17/23 11:31*	*04/20/23 17:49*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*55 - 135*	*04/17/23 11:31*	*04/20/23 17:49*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*55 - 135*	*04/17/23 11:31*	*04/20/23 17:49*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		23	5.7	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Antimony	ND		1.1	0.35	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Arsenic	**16**		1.1	0.72	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Barium	**150**		23	4.1	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Beryllium	**0.66**		0.46	0.12	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1

Client Sample ID: SSHS-IRM5A2-SCV77-0-0.17

Lab Sample ID: 180-154918-8

Date Collected: 04/11/23 13:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 80.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.25	J	0.57	0.084	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Calcium	13000		570	74	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Chromium	16		0.57	0.52	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Cobalt	9.8		5.7	0.81	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Copper	30		2.9	1.7	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Iron	23000	B	11	11	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Lead	48		1.1	1.0	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Magnesium	5400		570	63	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Manganese	580		1.7	0.32	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Nickel	24		4.6	0.58	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Potassium	1500		570	98	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Selenium	0.58	J	1.1	0.53	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Silver	ND		0.57	0.12	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Sodium	ND		570	59	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Thallium	0.64	J	2.3	0.33	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Vanadium	17		5.7	0.91	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1
Zinc	130	B	2.3	1.7	mg/Kg	☼	04/19/23 09:44	04/30/23 04:14	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.057		0.040	0.025	mg/Kg	☼	05/01/23 08:30	05/02/23 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	19.2		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	80.8		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV77-0.17-0.75

Lab Sample ID: 180-154918-9

Date Collected: 04/11/23 13:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Benzene	ND		6.1	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Bromoform	ND		6.1	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Bromomethane	ND		6.1	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
2-Butanone (MEK)	ND		6.1	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Carbon disulfide	ND		6.1	4.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Carbon tetrachloride	ND		6.1	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Chlorobenzene	ND		6.1	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Chlorobromomethane	ND		6.1	3.7	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Chlorodibromomethane	ND		6.1	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Chloroethane	ND		6.1	3.6	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Chloroform	ND		6.1	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Chloromethane	ND		6.1	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
cis-1,2-Dichloroethene	ND		6.1	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
cis-1,3-Dichloropropene	ND		6.1	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Cyclohexane	ND		6.1	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,2-Dibromo-3-Chloropropane	ND		6.1	4.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1

Client Sample ID: SSHS-IRM5A2-SCV77-0.17-0.75

Date Collected: 04/11/23 13:05
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-9

Matrix: Solid
Percent Solids: 79.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		6.1	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,2-Dichlorobenzene	ND		6.1	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,3-Dichlorobenzene	ND		6.1	3.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,4-Dichlorobenzene	ND		6.1	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Dichlorobromomethane	ND		6.1	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Dichlorodifluoromethane	ND	*+	6.1	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,1-Dichloroethane	ND		6.1	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,2-Dichloroethane	ND		6.1	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,1-Dichloroethene	ND		6.1	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,2-Dichloroethene, Total	ND		12	5.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,2-Dichloropropane	ND		6.1	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,4-Dioxane	ND		1200	43	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Ethylbenzene	ND		6.1	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
2-Hexanone	ND		6.1	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Isopropylbenzene	ND		6.1	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Methyl acetate	ND	*+	31	9.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Methylcyclohexane	ND		6.1	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Methylene Chloride	ND		6.1	5.5	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Methyl tert-butyl ether	ND		6.1	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
m-Xylene & p-Xylene	ND		6.1	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
o-Xylene	ND		6.1	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Styrene	ND		6.1	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,1,2,2-Tetrachloroethane	ND		6.1	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Tetrachloroethene	ND		6.1	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Toluene	ND		6.1	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
trans-1,2-Dichloroethene	ND		6.1	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
trans-1,3-Dichloropropene	ND		6.1	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,2,3-Trichlorobenzene	ND		6.1	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,2,4-Trichlorobenzene	ND		6.1	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,1,1-Trichloroethane	ND		6.1	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,1,2-Trichloroethane	ND		6.1	1.2	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Trichloroethene	ND		6.1	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Trichlorofluoromethane	ND		6.1	5.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Vinyl chloride	ND		6.1	4.4	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1
Xylenes, Total	ND		12	8.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*	*04/20/23 07:05*	*04/20/23 16:20*	*1*
Dibromofluoromethane (Surr)	*116*		*69 - 126*	*04/20/23 07:05*	*04/20/23 16:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*73 - 135*	*04/20/23 07:05*	*04/20/23 16:20*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/20/23 07:05*	*04/20/23 16:20*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**350**		84	24	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Acenaphthylene	**7000**		84	18	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Acetophenone	ND		840	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Anthracene	**3700**		84	22	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV77-0.17-0.75
Date Collected: 04/11/23 13:05
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-9
Matrix: Solid
Percent Solids: 79.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		840	180	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Benzaldehyde	ND		840	52	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Benzo[a]anthracene	**9200**		84	38	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Benzo[a]pyrene	**10000**		84	36	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Benzo[b]fluoranthene	**14000**		84	21	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Benzo[g,h,i]perylene	**8700**		84	18	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Benzo[k]fluoranthene	**4200**		84	25	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
1,1'-Biphenyl	**150**	**J**	420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Bis(2-chloroethoxy)methane	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Bis(2-chloroethyl)ether	ND		84	15	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
4-Bromophenyl phenyl ether	**180**	**J**	420	180	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Carbazole	**710**		84	20	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2-Chloronaphthalene	ND		84	19	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2-Chlorophenol	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Chrysene	**11000**		84	47	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Dibenz(a,h)anthracene	**1900**		84	54	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Dibenzofuran	**340**	**J**	420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
3,3'-Dichlorobenzidine	ND		420	390	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2,4-Dichlorophenol	ND		84	32	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Di-n-butyl phthalate	ND		420	180	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
4,6-Dinitro-2-methylphenol	ND		2100	720	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2,6-Dinitrotoluene	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Di-n-octyl phthalate	ND		420	240	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
1,4-Dioxane	ND		840	130	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Fluoranthene	**11000**		84	22	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Fluorene	**470**		84	16	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Hexachlorobenzene	ND		84	30	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Hexachlorobutadiene	ND		84	25	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Hexachlorocyclopentadiene	ND		420	43	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Indeno[1,2,3-cd]pyrene	**6900**		84	42	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Isophorone	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2-Methylnaphthalene	**860**		84	20	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Methylphenol, 3 & 4	ND		420	120	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Naphthalene	**1300**		84	16	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
3-Nitroaniline	ND		2100	110	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1

Client Sample ID: SSHS-IRM5A2-SCV77-0.17-0.75
Date Collected: 04/11/23 13:05
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-9
Matrix: Solid
Percent Solids: 79.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		2100	160	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Nitrobenzene	ND		840	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2-Nitrophenol	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
N-Nitrosodi-n-propylamine	ND		84	28	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2,2'-oxybis[1-chloropropane]	ND		84	31	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Pentachlorophenol	ND		2100	670	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Phenanthrene	**4100**		84	23	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Phenol	ND		420	130	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
Pyrene	**14000**		84	20	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2,3,4,6-Tetrachlorophenol	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 08:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/19/23 11:35*	*04/21/23 08:41*	*1*
2-Fluorophenol (Surr)	*54*		*48 - 105*	*04/19/23 11:35*	*04/21/23 08:41*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*	*04/19/23 11:35*	*04/21/23 08:41*	*1*
Phenol-d5 (Surr)	*63*		*46 - 105*	*04/19/23 11:35*	*04/21/23 08:41*	*1*
Terphenyl-d14 (Surr)	*69*		*39 - 105*	*04/19/23 11:35*	*04/21/23 08:41*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*34 - 108*	*04/19/23 11:35*	*04/21/23 08:41*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	04/17/23 11:31	04/20/23 18:08	1
PCB-1221	ND		20	7.2	ug/Kg	☼	04/17/23 11:31	04/20/23 18:08	1
PCB-1232	ND		20	5.0	ug/Kg	☼	04/17/23 11:31	04/20/23 18:08	1
PCB-1242	ND		20	3.0	ug/Kg	☼	04/17/23 11:31	04/20/23 18:08	1
PCB-1248	ND		20	4.9	ug/Kg	☼	04/17/23 11:31	04/20/23 18:08	1
PCB-1254	ND		20	6.1	ug/Kg	☼	04/17/23 11:31	04/20/23 18:08	1
PCB-1260	ND		20	5.8	ug/Kg	☼	04/17/23 11:31	04/20/23 18:08	1
PCB-1262	ND		20	7.2	ug/Kg	☼	04/17/23 11:31	04/20/23 18:08	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/17/23 11:31	04/20/23 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*103*		*63 - 138*	*04/17/23 11:31*	*04/20/23 18:08*	*1*
DCB Decachlorobiphenyl (Surr)	*107*		*63 - 138*	*04/17/23 11:31*	*04/20/23 18:08*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*55 - 135*	*04/17/23 11:31*	*04/20/23 18:08*	*1*
Tetrachloro-m-xylene (Surr)	*98*		*55 - 135*	*04/17/23 11:31*	*04/20/23 18:08*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4200**		24	6.0	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Antimony	**0.78**	**J**	1.2	0.37	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Arsenic	**42**		1.2	0.76	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Barium	**100**		24	4.3	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Beryllium	**0.67**		0.48	0.13	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Cadmium	**0.89**		0.60	0.089	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1

Client Sample ID: SSHS-IRM5A2-SCV77-0.17-0.75

Lab Sample ID: 180-154918-9

Date Collected: 04/11/23 13:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	3000		600	78	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Chromium	14		0.60	0.55	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Cobalt	7.2		6.0	0.85	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Copper	80		3.0	1.8	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Iron	30000	B	12	12	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Lead	100		1.2	1.1	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Magnesium	620		600	66	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Manganese	130		1.8	0.34	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Nickel	32		4.8	0.61	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Potassium	580	J	600	100	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Selenium	1.1	J	1.2	0.56	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Silver	0.24	J	0.60	0.13	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Sodium	76	J	600	62	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Thallium	0.75	J	2.4	0.34	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Vanadium	16		6.0	0.96	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1
Zinc	120	B	2.4	1.8	mg/Kg	☼	04/19/23 09:44	04/30/23 04:19	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.078		0.039	0.025	mg/Kg	☼	05/01/23 08:30	05/02/23 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	20.5		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	79.5		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV77-0.75-1.75

Lab Sample ID: 180-154918-10

Date Collected: 04/11/23 13:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 78.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Benzene	ND		6.2	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Bromoform	ND		6.2	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Bromomethane	ND		6.2	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
2-Butanone (MEK)	ND		6.2	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Carbon disulfide	ND		6.2	4.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Carbon tetrachloride	ND		6.2	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Chlorobenzene	ND		6.2	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Chlorobromomethane	ND		6.2	3.7	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Chlorodibromomethane	ND		6.2	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Chloroethane	ND		6.2	3.6	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Chloroform	ND		6.2	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Chloromethane	ND		6.2	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
cis-1,2-Dichloroethene	ND		6.2	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
cis-1,3-Dichloropropene	ND		6.2	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Cyclohexane	ND		6.2	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,2-Dibromo-3-Chloropropane	ND		6.2	4.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,2-Dibromoethane	ND		6.2	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1

Client Sample ID: SSHS-IRM5A2-SCV77-0.75-1.75

Date Collected: 04/11/23 13:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-10

Matrix: Solid
Percent Solids: 78.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		6.2	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,3-Dichlorobenzene	ND		6.2	3.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,4-Dichlorobenzene	ND		6.2	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Dichlorobromomethane	ND		6.2	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Dichlorodifluoromethane	ND	*+	6.2	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,1-Dichloroethane	ND		6.2	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,2-Dichloroethane	ND		6.2	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,1-Dichloroethene	ND		6.2	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,2-Dichloroethene, Total	ND		12	5.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,2-Dichloropropane	ND		6.2	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,4-Dioxane	ND		1200	44	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Ethylbenzene	ND		6.2	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
2-Hexanone	ND		6.2	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Isopropylbenzene	ND		6.2	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Methyl acetate	ND	*+	31	9.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Methylcyclohexane	ND		6.2	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Methylene Chloride	ND		6.2	5.6	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
4-Methyl-2-pentanone (MIBK)	ND		6.2	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Methyl tert-butyl ether	ND		6.2	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
m-Xylene & p-Xylene	ND		6.2	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
o-Xylene	ND		6.2	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Styrene	ND		6.2	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Tetrachloroethene	ND		6.2	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Toluene	ND		6.2	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
trans-1,2-Dichloroethene	ND		6.2	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
trans-1,3-Dichloropropene	ND		6.2	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,2,3-Trichlorobenzene	ND		6.2	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,2,4-Trichlorobenzene	ND		6.2	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,1,1-Trichloroethane	ND		6.2	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,1,2-Trichloroethane	ND		6.2	1.2	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Trichloroethene	ND		6.2	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Trichlorofluoromethane	ND		6.2	5.1	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Vinyl chloride	ND		6.2	4.5	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1
Xylenes, Total	ND		12	8.9	ug/Kg	☼	04/20/23 07:05	04/20/23 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*60 - 124*	*04/20/23 07:05*	*04/20/23 16:42*	*1*
Dibromofluoromethane (Surr)	*129*	*S1+*	*69 - 126*	*04/20/23 07:05*	*04/20/23 16:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*150*	*S1+*	*73 - 135*	*04/20/23 07:05*	*04/20/23 16:42*	*1*
Toluene-d8 (Surr)	*107*		*67 - 134*	*04/20/23 07:05*	*04/20/23 16:42*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**47**	**J**	86	25	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Acenaphthylene	**520**		86	19	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Acetophenone	ND		860	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Anthracene	**270**		86	22	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Atrazine	ND		860	190	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1

Client Sample ID: SSHS-IRM5A2-SCV77-0.75-1.75
Date Collected: 04/11/23 13:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-10
Matrix: Solid
Percent Solids: 78.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		860	53	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Benzo[a]anthracene	**700**		86	38	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Benzo[a]pyrene	**840**		86	37	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Benzo[b]fluoranthene	**1200**		86	21	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Benzo[g,h,i]perylene	**820**		86	18	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Benzo[k]fluoranthene	**340**		86	26	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
1,1'-Biphenyl	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Bis(2-chloroethoxy)methane	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Bis(2-chloroethyl)ether	ND		86	15	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Carbazole	**72**	**J**	86	20	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2-Chloronaphthalene	ND		86	20	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Chrysene	**1000**		86	47	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Dibenz(a,h)anthracene	**210**		86	55	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Dibenzofuran	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
3,3'-Dichlorobenzidine	ND		420	400	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2,4-Dichlorophenol	ND		86	33	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Di-n-butyl phthalate	ND		420	190	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
4,6-Dinitro-2-methylphenol	ND		2200	730	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2,6-Dinitrotoluene	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
1,4-Dioxane	ND		860	130	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Fluoranthene	**1000**		86	22	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Fluorene	**76**	**J**	86	17	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Hexachlorobenzene	ND		86	31	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Hexachlorobutadiene	ND		86	25	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Hexachlorocyclopentadiene	ND		420	44	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Indeno[1,2,3-cd]pyrene	**590**		86	42	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Isophorone	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2-Methylnaphthalene	**180**		86	20	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Methylphenol, 3 & 4	ND		420	130	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Naphthalene	**170**		86	17	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2-Nitroaniline	ND		2200	190	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1

Client Sample ID: SSHS-IRM5A2-SCV77-0.75-1.75

Date Collected: 04/11/23 13:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-10

Matrix: Solid
Percent Solids: 78.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		860	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
N-Nitrosodi-n-propylamine	ND		86	29	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2,2'-oxybis[1-chloropropane]	ND		86	32	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Pentachlorophenol	ND		2200	690	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Phenanthrene	**560**		86	23	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Phenol	ND		420	130	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
Pyrene	**1500**		86	20	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/19/23 11:35*	*04/21/23 09:02*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*04/19/23 11:35*	*04/21/23 09:02*	*1*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*	*04/19/23 11:35*	*04/21/23 09:02*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*04/19/23 11:35*	*04/21/23 09:02*	*1*
Terphenyl-d14 (Surr)	*82*		*39 - 105*	*04/19/23 11:35*	*04/21/23 09:02*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*34 - 108*	*04/19/23 11:35*	*04/21/23 09:02*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.7	ug/Kg	☼	04/17/23 11:31	04/20/23 18:26	1
PCB-1221	ND		21	7.3	ug/Kg	☼	04/17/23 11:31	04/20/23 18:26	1
PCB-1232	ND		21	5.0	ug/Kg	☼	04/17/23 11:31	04/20/23 18:26	1
PCB-1242	ND		21	3.0	ug/Kg	☼	04/17/23 11:31	04/20/23 18:26	1
PCB-1248	ND		21	4.9	ug/Kg	☼	04/17/23 11:31	04/20/23 18:26	1
PCB-1254	ND		21	6.2	ug/Kg	☼	04/17/23 11:31	04/20/23 18:26	1
PCB-1260	ND		21	5.9	ug/Kg	☼	04/17/23 11:31	04/20/23 18:26	1
PCB-1262	ND		21	7.2	ug/Kg	☼	04/17/23 11:31	04/20/23 18:26	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/17/23 11:31	04/20/23 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*63 - 138*	*04/17/23 11:31*	*04/20/23 18:26*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*63 - 138*	*04/17/23 11:31*	*04/20/23 18:26*	*1*
Tetrachloro-m-xylene (Surr)	*54*	*S1-*	*55 - 135*	*04/17/23 11:31*	*04/20/23 18:26*	*1*
Tetrachloro-m-xylene (Surr)	*55*		*55 - 135*	*04/17/23 11:31*	*04/20/23 18:26*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5900**		15	3.8	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Antimony	**0.53**	**J**	1.2	0.37	mg/Kg	☼	05/01/23 11:30	05/02/23 09:36	1
Arsenic	**16**		0.77	0.48	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Barium	**150**		15	2.7	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Beryllium	**0.67**		0.31	0.084	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Cadmium	**1.8**		0.38	0.057	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Calcium	**4100**		380	50	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1

Client Sample ID: SSHS-IRM5A2-SCV77-0.75-1.75

Lab Sample ID: 180-154918-10

Date Collected: 04/11/23 13:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 78.2

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	23		0.38	0.35	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Cobalt	8.4		3.8	0.54	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Copper	89		1.9	1.2	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Iron	24000	B	7.7	7.5	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Lead	300		0.77	0.67	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Magnesium	1300		380	42	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Manganese	230		1.2	0.21	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Nickel	46		3.1	0.39	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Potassium	860		380	66	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Selenium	1.2		0.77	0.35	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Silver	0.11	J	0.38	0.080	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Sodium	90	J	380	39	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Thallium	0.80	J	1.5	0.22	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Vanadium	18		3.8	0.61	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1
Zinc	250	B	1.5	1.1	mg/Kg	☼	04/19/23 09:46	04/25/23 11:58	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.038	0.025	mg/Kg	☼	05/01/23 08:30	05/02/23 12:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	21.8		0.1	0.1	%			04/14/23 14:26	1
Percent Solids (SM22 2540G)	78.2		0.1	0.1	%			04/14/23 14:26	1

Client Sample ID: SSHS-IRM5A2-SCV78-0-0.42

Lab Sample ID: 180-154918-11

Date Collected: 04/11/23 13:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 72.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		27	5.2	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Benzene	ND		6.7	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Bromoform	ND		6.7	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Bromomethane	ND		6.7	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
2-Butanone (MEK)	ND		6.7	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Carbon disulfide	ND		6.7	5.4	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Carbon tetrachloride	ND		6.7	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Chlorobenzene	ND		6.7	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Chlorobromomethane	ND		6.7	4.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Chlorodibromomethane	ND		6.7	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Chloroethane	ND		6.7	3.9	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Chloroform	ND		6.7	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Chloromethane	ND		6.7	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
cis-1,2-Dichloroethene	ND		6.7	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
cis-1,3-Dichloropropene	ND		6.7	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Cyclohexane	ND		6.7	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,2-Dibromo-3-Chloropropane	ND		6.7	4.3	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,2-Dibromoethane	ND		6.7	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,2-Dichlorobenzene	ND		6.7	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1

Client Sample ID: SSHS-IRM5A2-SCV78-0-0.42
Date Collected: 04/11/23 13:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-11
Matrix: Solid
Percent Solids: 72.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		6.7	4.1	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,4-Dichlorobenzene	ND		6.7	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Dichlorobromomethane	ND		6.7	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Dichlorodifluoromethane	ND	*+	6.7	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,1-Dichloroethane	ND		6.7	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,2-Dichloroethane	ND		6.7	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,1-Dichloroethene	ND		6.7	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,2-Dichloroethene, Total	ND		13	5.5	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,2-Dichloropropane	ND		6.7	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,4-Dioxane	ND		1300	47	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Ethylbenzene	ND		6.7	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
2-Hexanone	ND		6.7	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Isopropylbenzene	ND		6.7	3.5	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Methyl acetate	ND	*+	34	9.9	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Methylcyclohexane	ND		6.7	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Methylene Chloride	ND		6.7	6.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
4-Methyl-2-pentanone (MIBK)	ND		6.7	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Methyl tert-butyl ether	ND		6.7	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
m-Xylene & p-Xylene	ND		6.7	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
o-Xylene	ND		6.7	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Styrene	ND		6.7	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,1,2,2-Tetrachloroethane	ND		6.7	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Tetrachloroethene	ND		6.7	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Toluene	ND		6.7	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
trans-1,2-Dichloroethene	ND		6.7	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
trans-1,3-Dichloropropene	ND		6.7	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,2,3-Trichlorobenzene	ND		6.7	3.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,2,4-Trichlorobenzene	ND		6.7	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,1,1-Trichloroethane	ND		6.7	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,1,2-Trichloroethane	ND		6.7	1.3	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Trichloroethene	ND		6.7	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Trichlorofluoromethane	ND		6.7	5.6	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.7	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Vinyl chloride	ND		6.7	4.8	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1
Xylenes, Total	ND		13	9.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*	*04/20/23 07:05*	*04/20/23 17:05*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*	*04/20/23 07:05*	*04/20/23 17:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*73 - 135*	*04/20/23 07:05*	*04/20/23 17:05*	*1*
Toluene-d8 (Surr)	*101*		*67 - 134*	*04/20/23 07:05*	*04/20/23 17:05*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**310**		92	26	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Acenaphthylene	**6000**		92	20	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Acetophenone	ND		920	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Anthracene	**3300**		92	24	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Atrazine	ND		920	200	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Benzaldehyde	ND		920	57	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1

Client Sample ID: SSHS-IRM5A2-SCV78-0-0.42

Date Collected: 04/11/23 13:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-11

Matrix: Solid
Percent Solids: 72.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**6700**		92	41	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Benzo[a]pyrene	**7700**		92	40	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Benzo[b]fluoranthene	**10000**		92	23	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Benzo[g,h,i]perylene	**6800**		92	20	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Benzo[k]fluoranthene	**3400**		92	28	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
1,1'-Biphenyl	ND		450	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Bis(2-chloroethoxy)methane	ND		450	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Bis(2-chloroethyl)ether	ND		92	17	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Bis(2-ethylhexyl) phthalate	ND		4500	490	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
4-Bromophenyl phenyl ether	ND		450	200	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Butyl benzyl phthalate	ND		450	320	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Caprolactam	ND		2300	300	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Carbazole	**800**		92	21	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
4-Chloroaniline	ND		450	120	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
4-Chloro-3-methylphenol	ND		450	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2-Chloronaphthalene	ND		92	21	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2-Chlorophenol	ND		450	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
4-Chlorophenyl phenyl ether	ND		450	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Chrysene	**9200**		92	51	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Dibenz(a,h)anthracene	**1900**		92	59	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Dibenzofuran	**300**	J	450	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
3,3'-Dichlorobenzidine	ND		450	430	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2,4-Dichlorophenol	ND		92	35	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Diethyl phthalate	ND		450	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2,4-Dimethylphenol	ND		450	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Dimethyl phthalate	ND		450	180	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Di-n-butyl phthalate	ND		450	200	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
4,6-Dinitro-2-methylphenol	ND		2300	790	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2,4-Dinitrophenol	ND		4500	2900	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2,4-Dinitrotoluene	ND		450	270	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2,6-Dinitrotoluene	ND		450	180	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Di-n-octyl phthalate	ND		450	270	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
1,4-Dioxane	ND		920	140	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Fluoranthene	**12000**		92	24	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Fluorene	**660**		92	18	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Hexachlorobenzene	ND		92	33	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Hexachlorobutadiene	ND		92	27	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Hexachlorocyclopentadiene	ND		450	47	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Hexachloroethane	ND		450	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Indeno[1,2,3-cd]pyrene	**5600**		92	46	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Isophorone	ND		450	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2-Methylnaphthalene	**670**		92	22	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2-Methylphenol	ND		450	130	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Methylphenol, 3 & 4	ND		450	130	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Naphthalene	**930**		92	18	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2-Nitroaniline	ND		2300	210	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
3-Nitroaniline	ND		2300	120	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
4-Nitroaniline	ND		2300	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Nitrobenzene	ND		920	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1

Client Sample ID: SSHS-IRM5A2-SCV78-0-0.42

Date Collected: 04/11/23 13:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-11

Matrix: Solid
Percent Solids: 72.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		450	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
4-Nitrophenol	ND		2300	320	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
N-Nitrosodi-n-propylamine	ND		92	31	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
N-Nitrosodiphenylamine	ND		450	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2,2'-oxybis[1-chloropropane]	ND		92	34	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Pentachlorophenol	ND		2300	740	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Phenanthrene	**4300**		92	25	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Phenol	ND		450	140	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
Pyrene	**14000**		92	22	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
1,2,4,5-Tetrachlorobenzene	ND		450	180	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2,3,4,6-Tetrachlorophenol	ND		450	190	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2,4,5-Trichlorophenol	ND		450	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1
2,4,6-Trichlorophenol	ND		450	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*04/19/23 11:35*	*04/21/23 09:24*	*1*
2-Fluorophenol (Surr)	*59*		*48 - 105*	*04/19/23 11:35*	*04/21/23 09:24*	*1*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*	*04/19/23 11:35*	*04/21/23 09:24*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*04/19/23 11:35*	*04/21/23 09:24*	*1*
Terphenyl-d14 (Surr)	*72*		*39 - 105*	*04/19/23 11:35*	*04/21/23 09:24*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*34 - 108*	*04/19/23 11:35*	*04/21/23 09:24*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	7.4	ug/Kg	☼	04/17/23 11:31	04/20/23 18:45	1
PCB-1221	ND		23	8.0	ug/Kg	☼	04/17/23 11:31	04/20/23 18:45	1
PCB-1232	ND		23	5.5	ug/Kg	☼	04/17/23 11:31	04/20/23 18:45	1
PCB-1242	ND		23	3.3	ug/Kg	☼	04/17/23 11:31	04/20/23 18:45	1
PCB-1248	ND		23	5.4	ug/Kg	☼	04/17/23 11:31	04/20/23 18:45	1
PCB-1254	ND		23	6.8	ug/Kg	☼	04/17/23 11:31	04/20/23 18:45	1
PCB-1260	ND		23	6.4	ug/Kg	☼	04/17/23 11:31	04/20/23 18:45	1
PCB-1262	ND		23	8.0	ug/Kg	☼	04/17/23 11:31	04/20/23 18:45	1
PCB-1268	ND		23	3.0	ug/Kg	☼	04/17/23 11:31	04/20/23 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*96*		*63 - 138*	*04/17/23 11:31*	*04/20/23 18:45*	*1*
DCB Decachlorobiphenyl (Surr)	*107*		*63 - 138*	*04/17/23 11:31*	*04/20/23 18:45*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*04/17/23 11:31*	*04/20/23 18:45*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*55 - 135*	*04/17/23 11:31*	*04/20/23 18:45*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15000**		20	5.1	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Antimony	ND		1.0	0.31	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Arsenic	**36**		5.1	3.2	mg/Kg	☼	04/20/23 10:14	05/01/23 15:24	5
Barium	**270**		20	3.6	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Beryllium	**0.95**		0.41	0.11	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Cadmium	**5.1**		2.5	0.37	mg/Kg	☼	04/20/23 10:14	05/01/23 15:24	5
Calcium	**5000**		510	65	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Chromium	**25**		0.51	0.46	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1

Client Sample ID: SSHS-IRM5A2-SCV78-0-0.42

Lab Sample ID: 180-154918-11
Date Collected: 04/11/23 13:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 72.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13		5.1	0.71	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Copper	92		2.5	1.5	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Iron	54000		51	49	mg/Kg	☼	04/20/23 10:14	05/01/23 15:24	5
Lead	720		5.1	4.4	mg/Kg	☼	04/20/23 10:14	05/01/23 15:24	5
Magnesium	2500		510	56	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Manganese	980		1.5	0.28	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Nickel	45		4.1	0.51	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Potassium	830		510	86	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Selenium	3.4		1.0	0.47	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Silver	0.12	J	0.51	0.11	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Sodium	150	J	510	52	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Thallium	ND		10	1.4	mg/Kg	☼	04/20/23 10:14	05/01/23 15:24	5
Vanadium	29		5.1	0.80	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1
Zinc	1400		2.0	1.5	mg/Kg	☼	04/20/23 10:14	04/30/23 06:25	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.21		0.044	0.028	mg/Kg	☼	05/01/23 08:30	05/02/23 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	27.4		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	72.6		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV78-0.42-1.42

Lab Sample ID: 180-154918-12
Date Collected: 04/11/23 13:20
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 72.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		27	5.2	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Benzene	ND		6.7	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Bromoform	ND		6.7	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Bromomethane	ND		6.7	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
2-Butanone (MEK)	ND		6.7	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Carbon disulfide	ND		6.7	5.3	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Carbon tetrachloride	ND		6.7	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Chlorobenzene	ND		6.7	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Chlorobromomethane	ND		6.7	4.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Chlorodibromomethane	ND		6.7	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Chloroethane	ND		6.7	3.9	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Chloroform	ND		6.7	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Chloromethane	ND		6.7	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
cis-1,2-Dichloroethene	ND		6.7	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
cis-1,3-Dichloropropene	ND		6.7	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Cyclohexane	ND		6.7	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,2-Dibromo-3-Chloropropane	ND		6.7	4.3	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,2-Dibromoethane	ND		6.7	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,2-Dichlorobenzene	ND		6.7	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,3-Dichlorobenzene	ND		6.7	4.1	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV78-0.42-1.42
Date Collected: 04/11/23 13:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-12
Matrix: Solid
Percent Solids: 72.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		6.7	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Dichlorobromomethane	ND		6.7	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Dichlorodifluoromethane	ND	*+	6.7	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,1-Dichloroethane	ND		6.7	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,2-Dichloroethane	ND		6.7	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,1-Dichloroethene	ND		6.7	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,2-Dichloroethene, Total	ND		13	5.5	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,2-Dichloropropane	ND		6.7	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,4-Dioxane	ND		1300	47	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Ethylbenzene	ND		6.7	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
2-Hexanone	ND		6.7	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Isopropylbenzene	ND		6.7	3.5	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Methyl acetate	ND	*+	33	9.8	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Methylcyclohexane	ND		6.7	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Methylene Chloride	ND		6.7	6.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
4-Methyl-2-pentanone (MIBK)	ND		6.7	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Methyl tert-butyl ether	ND		6.7	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
m-Xylene & p-Xylene	ND		6.7	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
o-Xylene	ND		6.7	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Styrene	ND		6.7	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,1,2,2-Tetrachloroethane	ND		6.7	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Tetrachloroethene	ND		6.7	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Toluene	ND		6.7	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
trans-1,2-Dichloroethene	ND		6.7	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
trans-1,3-Dichloropropene	ND		6.7	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,2,3-Trichlorobenzene	ND		6.7	3.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,2,4-Trichlorobenzene	ND		6.7	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,1,1-Trichloroethane	ND		6.7	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,1,2-Trichloroethane	ND		6.7	1.3	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Trichloroethene	ND		6.7	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Trichlorofluoromethane	ND		6.7	5.5	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.7	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Vinyl chloride	ND		6.7	4.8	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1
Xylenes, Total	ND		13	9.6	ug/Kg	☼	04/20/23 07:05	04/20/23 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*	*04/20/23 07:05*	*04/20/23 17:28*	*1*
Dibromofluoromethane (Surr)	*117*		*69 - 126*	*04/20/23 07:05*	*04/20/23 17:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*73 - 135*	*04/20/23 07:05*	*04/20/23 17:28*	*1*
Toluene-d8 (Surr)	*99*		*67 - 134*	*04/20/23 07:05*	*04/20/23 17:28*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**270**		92	26	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Acenaphthylene	**5100**		92	20	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Acetophenone	ND		920	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Anthracene	**3000**		92	24	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Atrazine	ND		920	200	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Benzaldehyde	ND		920	57	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Benzo[a]anthracene	**6000**		92	41	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1

Client Sample ID: SSHS-IRM5A2-SCV78-0.42-1.42
Date Collected: 04/11/23 13:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-12
Matrix: Solid
Percent Solids: 72.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**6800**		92	40	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Benzo[b]fluoranthene	**8900**		92	22	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Benzo[g,h,i]perylene	**6100**		92	20	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Benzo[k]fluoranthene	**3400**		92	27	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
1,1'-Biphenyl	ND		450	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Bis(2-chloroethoxy)methane	ND		450	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Bis(2-chloroethyl)ether	ND		92	17	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Bis(2-ethylhexyl) phthalate	ND		4500	490	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
4-Bromophenyl phenyl ether	ND		450	190	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Butyl benzyl phthalate	ND		450	310	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Caprolactam	ND		2300	300	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Carbazole	**740**		92	21	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
4-Chloroaniline	ND		450	120	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
4-Chloro-3-methylphenol	ND		450	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2-Chloronaphthalene	ND		92	21	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2-Chlorophenol	ND		450	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
4-Chlorophenyl phenyl ether	ND		450	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Chrysene	**8300**		92	51	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Dibenz(a,h)anthracene	**1600**		92	59	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Dibenzofuran	**280**	J	450	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
3,3'-Dichlorobenzidine	ND		450	430	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2,4-Dichlorophenol	ND		92	35	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Diethyl phthalate	ND		450	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2,4-Dimethylphenol	ND		450	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Dimethyl phthalate	ND		450	180	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Di-n-butyl phthalate	ND		450	200	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
4,6-Dinitro-2-methylphenol	ND		2300	790	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2,4-Dinitrophenol	ND		4500	2800	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2,4-Dinitrotoluene	ND		450	270	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2,6-Dinitrotoluene	ND		450	180	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Di-n-octyl phthalate	ND		450	270	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
1,4-Dioxane	ND		920	140	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Fluoranthene	**10000**		92	24	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Fluorene	**600**		92	18	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Hexachlorobenzene	ND		92	33	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Hexachlorobutadiene	ND		92	27	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Hexachlorocyclopentadiene	ND		450	47	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Hexachloroethane	ND		450	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Indeno[1,2,3-cd]pyrene	**4900**		92	46	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Isophorone	ND		450	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2-Methylnaphthalene	**620**		92	22	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2-Methylphenol	ND		450	130	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Methylphenol, 3 & 4	ND		450	130	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Naphthalene	**840**		92	18	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2-Nitroaniline	ND		2300	210	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
3-Nitroaniline	ND		2300	120	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
4-Nitroaniline	ND		2300	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Nitrobenzene	ND		920	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2-Nitrophenol	ND		450	170	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1

Client Sample ID: SSHS-IRM5A2-SCV78-0.42-1.42

Date Collected: 04/11/23 13:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-12

Matrix: Solid
Percent Solids: 72.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		2300	320	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
N-Nitrosodi-n-propylamine	ND		92	31	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
N-Nitrosodiphenylamine	ND		450	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2,2'-oxybis[1-chloropropane]	ND		92	34	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Pentachlorophenol	ND		2300	740	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Phenanthrene	**4100**		92	25	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Phenol	ND		450	140	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
Pyrene	**12000**		92	22	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
1,2,4,5-Tetrachlorobenzene	ND		450	180	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2,3,4,6-Tetrachlorophenol	ND		450	190	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2,4,5-Trichlorophenol	ND		450	160	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1
2,4,6-Trichlorophenol	ND		450	150	ug/Kg	☼	04/19/23 11:35	04/21/23 09:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*44 - 105*	*04/19/23 11:35*	*04/21/23 09:46*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*04/19/23 11:35*	*04/21/23 09:46*	*1*
Nitrobenzene-d5 (Surr)	*74*		*46 - 105*	*04/19/23 11:35*	*04/21/23 09:46*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*04/19/23 11:35*	*04/21/23 09:46*	*1*
Terphenyl-d14 (Surr)	*66*		*39 - 105*	*04/19/23 11:35*	*04/21/23 09:46*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*34 - 108*	*04/19/23 11:35*	*04/21/23 09:46*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	7.3	ug/Kg	☼	04/17/23 11:31	04/20/23 19:04	1
PCB-1221	ND		23	8.0	ug/Kg	☼	04/17/23 11:31	04/20/23 19:04	1
PCB-1232	ND		23	5.5	ug/Kg	☼	04/17/23 11:31	04/20/23 19:04	1
PCB-1242	ND		23	3.3	ug/Kg	☼	04/17/23 11:31	04/20/23 19:04	1
PCB-1248	ND		23	5.4	ug/Kg	☼	04/17/23 11:31	04/20/23 19:04	1
PCB-1254	ND		23	6.8	ug/Kg	☼	04/17/23 11:31	04/20/23 19:04	1
PCB-1260	ND		23	6.4	ug/Kg	☼	04/17/23 11:31	04/20/23 19:04	1
PCB-1262	ND		23	7.9	ug/Kg	☼	04/17/23 11:31	04/20/23 19:04	1
PCB-1268	ND		23	3.0	ug/Kg	☼	04/17/23 11:31	04/20/23 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*84*		*63 - 138*	*04/17/23 11:31*	*04/20/23 19:04*	*1*
DCB Decachlorobiphenyl (Surr)	*95*		*63 - 138*	*04/17/23 11:31*	*04/20/23 19:04*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*04/17/23 11:31*	*04/20/23 19:04*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*55 - 135*	*04/17/23 11:31*	*04/20/23 19:04*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		15	3.7	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Antimony	**0.37**	**J**	0.74	0.22	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Arsenic	**27**		3.7	2.3	mg/Kg	☼	04/20/23 10:14	05/01/23 15:29	5
Barium	**210**		15	2.6	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Beryllium	**0.72**		0.29	0.080	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Cadmium	**4.3**		1.8	0.27	mg/Kg	☼	04/20/23 10:14	05/01/23 15:29	5
Calcium	**3400**		370	48	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Chromium	**18**		0.37	0.34	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Cobalt	**9.9**		3.7	0.52	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1

Client Sample ID: SSHS-IRM5A2-SCV78-0.42-1.42

Lab Sample ID: 180-154918-12
Date Collected: 04/11/23 13:20
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 72.9

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	67		1.8	1.1	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Iron	40000		37	36	mg/Kg	☼	04/20/23 10:14	05/01/23 15:29	5
Lead	490		3.7	3.2	mg/Kg	☼	04/20/23 10:14	05/01/23 15:29	5
Magnesium	2100		370	40	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Manganese	690		1.1	0.21	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Nickel	32		2.9	0.37	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Potassium	830		370	63	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Selenium	2.2		0.74	0.34	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Silver	ND		0.37	0.077	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Sodium	130	J	370	38	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Thallium	1.0	J	7.4	1.0	mg/Kg	☼	04/20/23 10:14	05/01/23 15:29	5
Vanadium	21		3.7	0.58	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1
Zinc	850		1.5	1.1	mg/Kg	☼	04/20/23 10:14	04/30/23 06:30	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.24		0.040	0.026	mg/Kg	☼	05/01/23 08:30	05/02/23 12:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	27.1		0.1	0.1	%			04/14/23 14:26	1
Percent Solids (SM22 2540G)	72.9		0.1	0.1	%			04/14/23 14:26	1

Client Sample ID: SSHS-IRM5A2-SCV79-0-0.58

Lab Sample ID: 180-154918-13
Date Collected: 04/11/23 13:25
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	24	4.6	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Bromomethane	ND		5.9	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
2-Butanone (MEK)	ND	*1	5.9	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Carbon disulfide	ND		5.9	4.7	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Chlorobromomethane	ND		5.9	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Chloroethane	ND		5.9	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,3-Dichlorobenzene	ND		5.9	3.6	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1

Client Sample ID: SSHS-IRM5A2-SCV79-0-0.58
Date Collected: 04/11/23 13:25
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-13
Matrix: Solid
Percent Solids: 79.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		5.9	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Dichlorodifluoromethane	ND		5.9	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,1-Dichloroethene	ND		5.9	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
2-Hexanone	ND		5.9	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Isopropylbenzene	ND		5.9	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Methyl acetate	ND		29	8.7	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Methylcyclohexane	ND		5.9	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
trans-1,2-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
trans-1,3-Dichloropropene	ND		5.9	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,2,3-Trichlorobenzene	ND		5.9	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Trichloroethene	ND		5.9	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Vinyl chloride	ND		5.9	4.2	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1
Xylenes, Total	ND		12	8.5	ug/Kg	☼	04/21/23 07:44	04/21/23 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*60 - 124*	*04/21/23 07:44*	*04/21/23 19:44*	*1*
Dibromofluoromethane (Surr)	*134*	*S1+*	*69 - 126*	*04/21/23 07:44*	*04/21/23 19:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*163*	*S1+*	*73 - 135*	*04/21/23 07:44*	*04/21/23 19:44*	*1*
Toluene-d8 (Surr)	*110*		*67 - 134*	*04/21/23 07:44*	*04/21/23 19:44*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**220**		84	24	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Acenaphthylene	**4800**		84	18	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Acetophenone	ND		840	150	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Anthracene	**2700**		84	22	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Atrazine	ND		840	180	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Benzaldehyde	ND		840	52	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Benzo[a]anthracene	**5800**		84	38	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Benzo[a]pyrene	**6500**		84	36	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV79-0-0.58
Date Collected: 04/11/23 13:25
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-13
Matrix: Solid
Percent Solids: 79.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**8700**		84	21	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Benzo[g,h,i]perylene	**6000**		84	18	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Benzo[k]fluoranthene	**2900**		84	25	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
1,1'-Biphenyl	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Bis(2-chloroethoxy)methane	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Bis(2-chloroethyl)ether	ND		84	15	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Bis(2-ethylhexyl) phthalate	ND		4100	440	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
4-Bromophenyl phenyl ether	ND		410	180	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Butyl benzyl phthalate	ND		410	290	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Carbazole	**700**		84	20	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
4-Chloroaniline	ND		410	110	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
4-Chloro-3-methylphenol	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2-Chloronaphthalene	ND		84	19	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2-Chlorophenol	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
4-Chlorophenyl phenyl ether	ND		410	140	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Chrysene	**8200**		84	46	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Dibenz(a,h)anthracene	**1500**		84	53	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Dibenzofuran	**270**	**J**	410	150	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
3,3'-Dichlorobenzidine	ND		410	390	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2,4-Dichlorophenol	ND		84	32	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Diethyl phthalate	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2,4-Dimethylphenol	ND		410	140	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Dimethyl phthalate	ND		410	170	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Di-n-butyl phthalate	ND		410	180	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
4,6-Dinitro-2-methylphenol	ND		2100	720	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2,4-Dinitrophenol	ND		4100	2600	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2,4-Dinitrotoluene	ND		410	250	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2,6-Dinitrotoluene	ND		410	160	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Di-n-octyl phthalate	ND		410	240	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
1,4-Dioxane	ND		840	130	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Fluoranthene	**10000**		84	22	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Fluorene	**530**		84	16	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Hexachlorobenzene	ND		84	30	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Hexachlorobutadiene	ND		84	24	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Hexachlorocyclopentadiene	ND		410	43	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Hexachloroethane	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Indeno[1,2,3-cd]pyrene	**4900**		84	42	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Isophorone	ND		410	160	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2-Methylnaphthalene	**570**		84	20	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2-Methylphenol	ND		410	120	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Methylphenol, 3 & 4	ND		410	120	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Naphthalene	**790**		84	16	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
3-Nitroaniline	ND		2100	110	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
4-Nitroaniline	ND		2100	160	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Nitrobenzene	ND		840	150	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2-Nitrophenol	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1

Client Sample ID: SSHS-IRM5A2-SCV79-0-0.58

Date Collected: 04/11/23 13:25
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-13

Matrix: Solid
Percent Solids: 79.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		84	28	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
N-Nitrosodiphenylamine	ND		410	140	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2,2'-oxybis[1-chloropropane]	ND		84	31	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Pentachlorophenol	ND		2100	670	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Phenanthrene	**3900**		84	22	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Phenol	ND		410	130	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
Pyrene	**11000**		84	20	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
1,2,4,5-Tetrachlorobenzene	ND		410	170	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2,3,4,6-Tetrachlorophenol	ND		410	170	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2,4,5-Trichlorophenol	ND		410	150	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1
2,4,6-Trichlorophenol	ND		410	140	ug/Kg	☼	04/19/23 11:35	04/22/23 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*04/19/23 11:35*	*04/22/23 21:34*	*1*
2-Fluorophenol (Surr)	*60*		*48 - 105*	*04/19/23 11:35*	*04/22/23 21:34*	*1*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*	*04/19/23 11:35*	*04/22/23 21:34*	*1*
Phenol-d5 (Surr)	*67*		*46 - 105*	*04/19/23 11:35*	*04/22/23 21:34*	*1*
Terphenyl-d14 (Surr)	*70*		*39 - 105*	*04/19/23 11:35*	*04/22/23 21:34*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*04/19/23 11:35*	*04/22/23 21:34*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.7	ug/Kg	☼	04/17/23 11:31	04/20/23 19:22	1
PCB-1221	ND		21	7.3	ug/Kg	☼	04/17/23 11:31	04/20/23 19:22	1
PCB-1232	ND		21	5.0	ug/Kg	☼	04/17/23 11:31	04/20/23 19:22	1
PCB-1242	ND		21	3.0	ug/Kg	☼	04/17/23 11:31	04/20/23 19:22	1
PCB-1248	ND		21	4.9	ug/Kg	☼	04/17/23 11:31	04/20/23 19:22	1
PCB-1254	ND		21	6.2	ug/Kg	☼	04/17/23 11:31	04/20/23 19:22	1
PCB-1260	ND		21	5.9	ug/Kg	☼	04/17/23 11:31	04/20/23 19:22	1
PCB-1262	ND		21	7.2	ug/Kg	☼	04/17/23 11:31	04/20/23 19:22	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/17/23 11:31	04/20/23 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*63 - 138*	*04/17/23 11:31*	*04/20/23 19:22*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*63 - 138*	*04/17/23 11:31*	*04/20/23 19:22*	*1*
Tetrachloro-m-xylene (Surr)	*81*		*55 - 135*	*04/17/23 11:31*	*04/20/23 19:22*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*55 - 135*	*04/17/23 11:31*	*04/20/23 19:22*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8600**		16	4.0	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Antimony	**0.24**	**J**	0.79	0.24	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Arsenic	**13**		0.79	0.50	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Barium	**130**		16	2.8	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Beryllium	**0.53**		0.32	0.086	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Cadmium	**0.47**		0.40	0.058	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Calcium	**1800**		400	51	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Chromium	**12**		0.40	0.36	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Cobalt	**8.9**		4.0	0.56	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Copper	**36**		2.0	1.2	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1

Client Sample ID: SSHS-IRM5A2-SCV79-0-0.58

Lab Sample ID: 180-154918-13

Date Collected: 04/11/23 13:25
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.9

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	22000		7.9	7.7	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Lead	270		0.79	0.69	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Magnesium	1700		400	43	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Manganese	660		1.2	0.22	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Nickel	23		3.2	0.40	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Potassium	450		400	67	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Selenium	1.3		0.79	0.37	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Silver	ND		0.40	0.082	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Sodium	120	J	400	41	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Thallium	0.95	J	1.6	0.22	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Vanadium	16		4.0	0.63	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1
Zinc	230		1.6	1.1	mg/Kg	☼	04/20/23 10:14	04/30/23 06:35	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.25		0.039	0.025	mg/Kg	☼	05/01/23 08:30	05/02/23 12:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	20.1		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	79.9		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV79-0.58-1.58

Lab Sample ID: 180-154918-14

Date Collected: 04/11/23 13:30
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 82.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Bromomethane	ND		5.9	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
2-Butanone (MEK)	ND		5.9	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Carbon disulfide	ND		5.9	4.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Chlorobromomethane	ND		5.9	3.5	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Chloroethane	ND		5.9	3.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,3-Dichlorobenzene	ND		5.9	3.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Dichlorobromomethane	ND		5.9	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1

Client Sample ID: SSHS-IRM5A2-SCV79-0.58-1.58
Date Collected: 04/11/23 13:30
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-14
Matrix: Solid
Percent Solids: 82.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	*+	5.9	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,1-Dichloroethene	ND		5.9	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,4-Dioxane	ND		1200	41	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
2-Hexanone	ND		5.9	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Isopropylbenzene	ND		5.9	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Methyl acetate	ND	*+	29	8.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Methylcyclohexane	ND		5.9	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
trans-1,2-Dichloroethene	ND		5.9	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,2,3-Trichlorobenzene	ND		5.9	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Trichloroethene	ND		5.9	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Vinyl chloride	ND		5.9	4.2	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1
Xylenes, Total	ND		12	8.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*60 - 124*	*04/20/23 07:05*	*04/20/23 18:13*	*1*
Dibromofluoromethane (Surr)	*111*		*69 - 126*	*04/20/23 07:05*	*04/20/23 18:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*73 - 135*	*04/20/23 07:05*	*04/20/23 18:13*	*1*
Toluene-d8 (Surr)	*96*		*67 - 134*	*04/20/23 07:05*	*04/20/23 18:13*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**30**	**J**	81	23	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Acenaphthylene	**550**		81	18	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Acetophenone	ND		810	140	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Anthracene	**280**		81	21	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Atrazine	ND		810	180	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Benzaldehyde	ND		810	50	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Benzo[a]anthracene	**1500**		81	36	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Benzo[a]pyrene	**1500**		81	35	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Benzo[b]fluoranthene	**1900**		81	20	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1

Client Sample ID: SSHS-IRM5A2-SCV79-0.58-1.58
Date Collected: 04/11/23 13:30
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-14
Matrix: Solid
Percent Solids: 82.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**1200**		81	17	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Benzo[k]fluoranthene	**760**		81	24	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Bis(2-chloroethyl)ether	ND		81	15	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Caprolactam	ND		2100	260	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Carbazole	**81**		81	19	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2-Chloronaphthalene	ND		81	18	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Chrysene	**1900**		81	45	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Dibenz(a,h)anthracene	**320**		81	52	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2,4-Dichlorophenol	ND		81	31	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Di-n-octyl phthalate	ND		400	230	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
1,4-Dioxane	ND		810	130	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Fluoranthene	**2400**		81	21	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Fluorene	**73**	**J**	81	16	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Hexachlorobenzene	ND		81	29	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Hexachlorobutadiene	ND		81	24	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Hexachlorocyclopentadiene	ND		400	41	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Indeno[1,2,3-cd]pyrene	**930**		81	40	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Isophorone	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2-Methylnaphthalene	**46**	**J**	81	19	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2-Methylphenol	ND		400	120	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Naphthalene	**63**	**J**	81	16	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2-Nitroaniline	ND		2100	180	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Nitrobenzene	ND		810	150	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
4-Nitrophenol	ND		2100	280	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
N-Nitrosodi-n-propylamine	ND		81	27	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1

Client Sample ID: SSHS-IRM5A2-SCV79-0.58-1.58

Date Collected: 04/11/23 13:30
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-14

Matrix: Solid
Percent Solids: 82.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2,2'-oxybis[1-chloropropane]	ND		81	30	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Pentachlorophenol	ND		2100	650	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Phenanthrene	**960**		81	22	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Phenol	ND		400	120	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
Pyrene	**3500**		81	19	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	04/19/23 11:35	04/21/23 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*04/19/23 11:35*	*04/21/23 19:15*	*1*
2-Fluorophenol (Surr)	*74*		*48 - 105*	*04/19/23 11:35*	*04/21/23 19:15*	*1*
Nitrobenzene-d5 (Surr)	*73*		*46 - 105*	*04/19/23 11:35*	*04/21/23 19:15*	*1*
Phenol-d5 (Surr)	*78*		*46 - 105*	*04/19/23 11:35*	*04/21/23 19:15*	*1*
Terphenyl-d14 (Surr)	*96*		*39 - 105*	*04/19/23 11:35*	*04/21/23 19:15*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*34 - 108*	*04/19/23 11:35*	*04/21/23 19:15*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/17/23 11:31	04/20/23 20:18	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/17/23 11:31	04/20/23 20:18	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/17/23 11:31	04/20/23 20:18	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/17/23 11:31	04/20/23 20:18	1
PCB-1248	ND		20	4.7	ug/Kg	☼	04/17/23 11:31	04/20/23 20:18	1
PCB-1254	ND		20	5.9	ug/Kg	☼	04/17/23 11:31	04/20/23 20:18	1
PCB-1260	ND		20	5.6	ug/Kg	☼	04/17/23 11:31	04/20/23 20:18	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/17/23 11:31	04/20/23 20:18	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/17/23 11:31	04/20/23 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*89*		*63 - 138*	*04/17/23 11:31*	*04/20/23 20:18*	*1*
DCB Decachlorobiphenyl (Surr)	*93*		*63 - 138*	*04/17/23 11:31*	*04/20/23 20:18*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*55 - 135*	*04/17/23 11:31*	*04/20/23 20:18*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*55 - 135*	*04/17/23 11:31*	*04/20/23 20:18*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8900**		21	5.2	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Antimony	**0.33**	**J**	1.0	0.32	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Arsenic	**12**		1.0	0.65	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Barium	**140**		21	3.7	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Beryllium	**0.48**		0.42	0.11	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Cadmium	**0.27**	**J**	0.52	0.076	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Calcium	**1300**		520	67	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Chromium	**11**		0.52	0.47	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Cobalt	**6.6**		5.2	0.73	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Copper	**32**		2.6	1.6	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Iron	**20000**		10	10	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1

Client Sample ID: SSHS-IRM5A2-SCV79-0.58-1.58

Lab Sample ID: 180-154918-14

Date Collected: 04/11/23 13:30
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 82.7

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	210		1.0	0.91	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Magnesium	1700		520	57	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Manganese	500		1.6	0.29	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Nickel	18		4.2	0.53	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Potassium	540		520	89	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Selenium	1.3		1.0	0.48	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Silver	ND		0.52	0.11	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Sodium	84	J	520	53	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Thallium	0.66	J	2.1	0.30	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Vanadium	14		5.2	0.82	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1
Zinc	160		2.1	1.5	mg/Kg	☼	04/20/23 10:14	04/30/23 06:40	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.30		0.035	0.022	mg/Kg	☼	05/01/23 08:30	05/02/23 12:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	17.3		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	82.7		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV80-0-0.17

Lab Sample ID: 180-154918-15

Date Collected: 04/11/23 13:35
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 78.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Benzene	ND		6.1	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Bromoform	ND		6.1	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Bromomethane	ND		6.1	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
2-Butanone (MEK)	ND		6.1	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Carbon disulfide	ND		6.1	4.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Carbon tetrachloride	ND		6.1	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Chlorobenzene	ND		6.1	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Chlorobromomethane	ND		6.1	3.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Chlorodibromomethane	ND		6.1	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Chloroethane	ND		6.1	3.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Chloroform	ND		6.1	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Chloromethane	ND		6.1	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
cis-1,2-Dichloroethene	ND		6.1	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
cis-1,3-Dichloropropene	ND		6.1	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Cyclohexane	ND		6.1	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,2-Dibromo-3-Chloropropane	ND		6.1	3.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,2-Dibromoethane	ND		6.1	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,2-Dichlorobenzene	ND		6.1	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,3-Dichlorobenzene	ND		6.1	3.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,4-Dichlorobenzene	ND		6.1	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Dichlorobromomethane	ND		6.1	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Dichlorodifluoromethane	ND	*+	6.1	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1

Client Sample ID: SSHS-IRM5A2-SCV80-0-0.17

Date Collected: 04/11/23 13:35
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-15

Matrix: Solid
Percent Solids: 78.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		6.1	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,2-Dichloroethane	ND		6.1	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,1-Dichloroethene	ND		6.1	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,2-Dichloroethene, Total	ND		12	5.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,2-Dichloropropane	ND		6.1	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,4-Dioxane	ND		1200	43	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Ethylbenzene	ND		6.1	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
2-Hexanone	ND		6.1	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Isopropylbenzene	ND		6.1	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Methyl acetate	ND	*+	30	9.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Methylcyclohexane	ND		6.1	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Methylene Chloride	ND		6.1	5.5	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
4-Methyl-2-pentanone (MIBK)	ND		6.1	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Methyl tert-butyl ether	ND		6.1	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
m-Xylene & p-Xylene	ND		6.1	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
o-Xylene	ND		6.1	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Styrene	ND		6.1	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,1,2,2-Tetrachloroethane	ND		6.1	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Tetrachloroethene	ND		6.1	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Toluene	ND		6.1	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
trans-1,2-Dichloroethene	ND		6.1	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
trans-1,3-Dichloropropene	ND		6.1	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,2,3-Trichlorobenzene	ND		6.1	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,2,4-Trichlorobenzene	ND		6.1	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,1,1-Trichloroethane	ND		6.1	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,1,2-Trichloroethane	ND		6.1	1.2	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Trichloroethene	ND		6.1	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Trichlorofluoromethane	ND		6.1	5.1	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Vinyl chloride	ND		6.1	4.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1
Xylenes, Total	ND		12	8.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*	*04/20/23 07:05*	*04/20/23 18:36*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*	*04/20/23 07:05*	*04/20/23 18:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*73 - 135*	*04/20/23 07:05*	*04/20/23 18:36*	*1*
Toluene-d8 (Surr)	*98*		*67 - 134*	*04/20/23 07:05*	*04/20/23 18:36*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**50**	**J**	85	24	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Acenaphthylene	**580**		85	19	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Acetophenone	ND		850	150	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Anthracene	**280**		85	22	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Atrazine	ND		850	190	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Benzaldehyde	ND		850	53	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Benzo[a]anthracene	**880**		85	38	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Benzo[a]pyrene	**930**		85	37	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Benzo[b]fluoranthene	**1200**		85	21	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Benzo[g,h,i]perylene	**740**		85	18	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1

Client Sample ID: SSHS-IRM5A2-SCV80-0-0.17
Date Collected: 04/11/23 13:35
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-15
Matrix: Solid
Percent Solids: 78.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	**450**		85	25	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
1,1'-Biphenyl	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Bis(2-chloroethoxy)methane	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Bis(2-chloroethyl)ether	ND		85	15	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Carbazole	**61**	**J**	85	20	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2-Chloronaphthalene	ND		85	19	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Chrysene	**1100**		85	47	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Dibenz(a,h)anthracene	**210**		85	54	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Dibenzofuran	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
3,3'-Dichlorobenzidine	ND		420	400	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2,4-Dichlorophenol	ND		85	33	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Di-n-butyl phthalate	ND		420	190	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
4,6-Dinitro-2-methylphenol	ND		2200	730	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2,6-Dinitrotoluene	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
1,4-Dioxane	ND		850	130	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Fluoranthene	**1400**		85	22	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Fluorene	**62**	**J**	85	17	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Hexachlorobenzene	ND		85	30	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Hexachlorobutadiene	ND		85	25	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Hexachlorocyclopentadiene	ND		420	43	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Indeno[1,2,3-cd]pyrene	**620**		85	42	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Isophorone	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2-Methylnaphthalene	**31**	**J**	85	20	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Methylphenol, 3 & 4	ND		420	120	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Naphthalene	**47**	**J**	85	17	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2-Nitroaniline	ND		2200	190	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Nitrobenzene	ND		850	160	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
N-Nitrosodi-n-propylamine	ND		85	29	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1

Client Sample ID: SSHS-IRM5A2-SCV80-0-0.17
Date Collected: 04/11/23 13:35
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-15
Matrix: Solid
Percent Solids: 78.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	ND		85	31	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Pentachlorophenol	ND		2200	680	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Phenanthrene	**430**		85	23	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Phenol	ND		420	130	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
Pyrene	**1700**		85	20	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 10:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*44 - 105*	*04/19/23 11:35*	*04/21/23 10:52*	*1*
2-Fluorophenol (Surr)	*61*		*48 - 105*	*04/19/23 11:35*	*04/21/23 10:52*	*1*
Nitrobenzene-d5 (Surr)	*77*		*46 - 105*	*04/19/23 11:35*	*04/21/23 10:52*	*1*
Phenol-d5 (Surr)	*70*		*46 - 105*	*04/19/23 11:35*	*04/21/23 10:52*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*04/19/23 11:35*	*04/21/23 10:52*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*34 - 108*	*04/19/23 11:35*	*04/21/23 10:52*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.9	ug/Kg	☼	04/17/23 11:31	04/20/23 20:37	1
PCB-1221	ND		21	7.5	ug/Kg	☼	04/17/23 11:31	04/20/23 20:37	1
PCB-1232	ND		21	5.2	ug/Kg	☼	04/17/23 11:31	04/20/23 20:37	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/17/23 11:31	04/20/23 20:37	1
PCB-1248	ND		21	5.1	ug/Kg	☼	04/17/23 11:31	04/20/23 20:37	1
PCB-1254	ND		21	6.4	ug/Kg	☼	04/17/23 11:31	04/20/23 20:37	1
PCB-1260	ND		21	6.0	ug/Kg	☼	04/17/23 11:31	04/20/23 20:37	1
PCB-1262	ND		21	7.5	ug/Kg	☼	04/17/23 11:31	04/20/23 20:37	1
PCB-1268	ND		21	2.9	ug/Kg	☼	04/17/23 11:31	04/20/23 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*	*04/17/23 11:31*	*04/20/23 20:37*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*63 - 138*	*04/17/23 11:31*	*04/20/23 20:37*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*04/17/23 11:31*	*04/20/23 20:37*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*55 - 135*	*04/17/23 11:31*	*04/20/23 20:37*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		16	4.1	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Antimony	ND		0.82	0.25	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Arsenic	**7.9**		0.82	0.51	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Barium	**140**		16	2.9	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Beryllium	**0.55**		0.33	0.089	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Cadmium	**0.22**	**J**	0.41	0.060	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Calcium	**1500**		410	53	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Chromium	**13**		0.41	0.37	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Cobalt	**9.3**		4.1	0.57	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Copper	**17**		2.0	1.2	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Iron	**20000**		8.2	7.9	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Lead	**59**		0.82	0.71	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1

Client Sample ID: SSHS-IRM5A2-SCV80-0-0.17

Lab Sample ID: 180-154918-15

Date Collected: 04/11/23 13:35
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 78.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	2700		410	45	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Manganese	560		1.2	0.23	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Nickel	20		3.3	0.41	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Potassium	970		410	69	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Selenium	0.45	J	0.82	0.38	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Silver	ND		0.41	0.085	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Sodium	ND		410	42	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Thallium	0.66	J	1.6	0.23	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Vanadium	15		4.1	0.65	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1
Zinc	430		1.6	1.2	mg/Kg	☼	04/20/23 10:14	04/30/23 06:45	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049		0.037	0.024	mg/Kg	☼	05/01/23 08:30	05/02/23 12:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	21.4		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	78.6		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV80-017-0.75

Lab Sample ID: 180-154918-16

Date Collected: 04/11/23 13:40
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 81.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Benzene	ND		6.0	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Bromomethane	ND		6.0	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
2-Butanone (MEK)	ND		6.0	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Carbon disulfide	ND		6.0	4.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Carbon tetrachloride	ND		6.0	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Chlorobenzene	ND		6.0	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Chlorobromomethane	ND		6.0	3.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Chlorodibromomethane	ND		6.0	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Chloroethane	ND		6.0	3.5	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Chloroform	ND		6.0	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Chloromethane	ND		6.0	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
cis-1,3-Dichloropropene	ND		6.0	2.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Cyclohexane	ND		6.0	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,2-Dibromoethane	ND		6.0	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,2-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,3-Dichlorobenzene	ND		6.0	3.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Dichlorobromomethane	ND		6.0	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Dichlorodifluoromethane	ND	*+	6.0	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,1-Dichloroethane	ND		6.0	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1

Client Sample ID: SSHS-IRM5A2-SCV80-017-0.75
Date Collected: 04/11/23 13:40
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-16
Matrix: Solid
Percent Solids: 81.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,1-Dichloroethene	ND		6.0	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,2-Dichloroethene, Total	ND		12	4.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,2-Dichloropropane	ND		6.0	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Ethylbenzene	ND		6.0	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
2-Hexanone	ND		6.0	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Isopropylbenzene	ND		6.0	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Methyl acetate	ND	*+	30	8.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Methylcyclohexane	ND		6.0	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Methylene Chloride	ND		6.0	5.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
4-Methyl-2-pentanone (MIBK)	ND		6.0	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Methyl tert-butyl ether	ND		6.0	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
m-Xylene & p-Xylene	ND		6.0	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
o-Xylene	ND		6.0	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Styrene	ND		6.0	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Tetrachloroethene	ND		6.0	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Toluene	ND		6.0	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
trans-1,2-Dichloroethene	ND		6.0	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
trans-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,2,3-Trichlorobenzene	ND		6.0	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,2,4-Trichlorobenzene	ND		6.0	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,1,1-Trichloroethane	ND		6.0	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,1,2-Trichloroethane	ND		6.0	1.2	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Trichloroethene	ND		6.0	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Trichlorofluoromethane	ND		6.0	5.0	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	2.4	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Vinyl chloride	ND		6.0	4.3	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1
Xylenes, Total	ND		12	8.6	ug/Kg	☼	04/20/23 07:05	04/20/23 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*60 - 124*	*04/20/23 07:05*	*04/20/23 18:58*	*1*
Dibromofluoromethane (Surr)	*117*		*69 - 126*	*04/20/23 07:05*	*04/20/23 18:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*73 - 135*	*04/20/23 07:05*	*04/20/23 18:58*	*1*
Toluene-d8 (Surr)	*101*		*67 - 134*	*04/20/23 07:05*	*04/20/23 18:58*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**31**	**J**	82	24	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Acenaphthylene	**490**		82	18	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Acetophenone	ND		820	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Anthracene	**240**		82	21	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Atrazine	ND		820	180	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Benzaldehyde	ND		820	51	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Benzo[a]anthracene	**730**		82	37	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Benzo[a]pyrene	**740**		82	35	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Benzo[b]fluoranthene	**990**		82	20	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Benzo[g,h,i]perylene	**570**		82	18	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Benzo[k]fluoranthene	**380**		82	24	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1

Client Sample ID: SSHS-IRM5A2-SCV80-017-0.75
Date Collected: 04/11/23 13:40
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-16
Matrix: Solid
Percent Solids: 81.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Bis(2-chloroethyl)ether	ND		82	15	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Carbazole	**47**	**J**	82	19	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2-Chloronaphthalene	ND		82	19	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
4-Chlorophenyl phenyl ether	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Chrysene	**910**		82	45	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Dibenz(a,h)anthracene	**150**		82	52	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2,4-Dichlorophenol	ND		82	31	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
1,4-Dioxane	ND		820	130	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Fluoranthene	**1100**		82	22	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Fluorene	**51**	**J**	82	16	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Hexachlorobenzene	ND		82	29	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Hexachlorobutadiene	ND		82	24	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Hexachlorocyclopentadiene	ND		400	42	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Indeno[1,2,3-cd]pyrene	**470**		82	41	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Isophorone	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2-Methylnaphthalene	**29**	**J**	82	20	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2-Methylphenol	ND		400	120	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Naphthalene	**39**	**J**	82	16	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Nitrobenzene	ND		820	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
N-Nitrosodi-n-propylamine	ND		82	28	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
N-Nitrosodiphenylamine	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2,2'-oxybis[1-chloropropane]	ND		82	30	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1

Client Sample ID: SSHS-IRM5A2-SCV80-017-0.75

Date Collected: 04/11/23 13:40
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-16

Matrix: Solid
Percent Solids: 81.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		2100	660	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Phenanthrene	**370**		82	22	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Phenol	ND		400	120	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
Pyrene	**1400**		82	19	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1
2,4,6-Trichlorophenol	ND		400	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*04/19/23 11:35*	*04/21/23 11:14*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*04/19/23 11:35*	*04/21/23 11:14*	*1*
Nitrobenzene-d5 (Surr)	*79*		*46 - 105*	*04/19/23 11:35*	*04/21/23 11:14*	*1*
Phenol-d5 (Surr)	*72*		*46 - 105*	*04/19/23 11:35*	*04/21/23 11:14*	*1*
Terphenyl-d14 (Surr)	*70*		*39 - 105*	*04/19/23 11:35*	*04/21/23 11:14*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*34 - 108*	*04/19/23 11:35*	*04/21/23 11:14*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	04/17/23 11:31	04/20/23 20:56	1
PCB-1221	ND		20	7.2	ug/Kg	☼	04/17/23 11:31	04/20/23 20:56	1
PCB-1232	ND		20	5.0	ug/Kg	☼	04/17/23 11:31	04/20/23 20:56	1
PCB-1242	ND		20	3.0	ug/Kg	☼	04/17/23 11:31	04/20/23 20:56	1
PCB-1248	ND		20	4.9	ug/Kg	☼	04/17/23 11:31	04/20/23 20:56	1
PCB-1254	ND		20	6.1	ug/Kg	☼	04/17/23 11:31	04/20/23 20:56	1
PCB-1260	ND		20	5.8	ug/Kg	☼	04/17/23 11:31	04/20/23 20:56	1
PCB-1262	ND		20	7.2	ug/Kg	☼	04/17/23 11:31	04/20/23 20:56	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/17/23 11:31	04/20/23 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*63*		*63 - 138*	*04/17/23 11:31*	*04/20/23 20:56*	*1*
DCB Decachlorobiphenyl (Surr)	*62*	*S1-*	*63 - 138*	*04/17/23 11:31*	*04/20/23 20:56*	*1*
Tetrachloro-m-xylene (Surr)	*60*		*55 - 135*	*04/17/23 11:31*	*04/20/23 20:56*	*1*
Tetrachloro-m-xylene (Surr)	*62*		*55 - 135*	*04/17/23 11:31*	*04/20/23 20:56*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		14	3.4	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Antimony	ND		0.69	0.21	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Arsenic	**8.6**		0.69	0.43	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Barium	**150**		14	2.4	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Beryllium	**0.59**		0.28	0.075	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Cadmium	**0.20**	**J**	0.34	0.051	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Calcium	**1700**		340	44	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Chromium	**13**		0.34	0.31	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Cobalt	**10**		3.4	0.48	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Copper	**18**		1.7	1.0	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Iron	**21000**		6.9	6.7	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Lead	**65**		0.69	0.60	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Magnesium	**2800**		340	38	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1

Client Sample ID: SSHS-IRM5A2-SCV80-017-0.75
Lab Sample ID: 180-154918-16

Date Collected: 04/11/23 13:40
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 81.6

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	640		1.0	0.19	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Nickel	22		2.8	0.35	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Potassium	780		340	59	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Selenium	0.33	J	0.69	0.32	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Silver	ND		0.34	0.072	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Sodium	ND		340	35	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Thallium	0.74	J	1.4	0.20	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Vanadium	15		3.4	0.54	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1
Zinc	320		1.4	1.0	mg/Kg	☼	04/20/23 10:20	04/30/23 06:50	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058		0.040	0.026	mg/Kg	☼	05/01/23 08:30	05/02/23 12:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	18.4		0.1	0.1	%			04/14/23 14:26	1
Percent Solids (SM22 2540G)	81.6		0.1	0.1	%			04/14/23 14:26	1

Client Sample ID: SSHS-IRM5A2-SCV80-0.75-1.75
Lab Sample ID: 180-154918-17

Date Collected: 04/11/23 13:45
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 84.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	23	4.5	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
2-Butanone (MEK)	ND	*1	5.7	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Carbon disulfide	ND		5.7	4.6	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Chloroethane	ND		5.7	3.4	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Chloroform	ND		5.7	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Chloromethane	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Dichlorobromomethane	ND		5.7	2.7	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Dichlorodifluoromethane	ND		5.7	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,2-Dichloroethane	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1

Client Sample ID: SSHS-IRM5A2-SCV80-0.75-1.75
Date Collected: 04/11/23 13:45
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-17
Matrix: Solid
Percent Solids: 84.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,2-Dichloroethene, Total	ND		11	4.7	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,4-Dioxane	ND		1100	41	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Methyl acetate	ND		29	8.5	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Methylcyclohexane	ND		5.7	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Methylene Chloride	ND		5.7	5.2	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Toluene	ND		5.7	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,2,3-Trichlorobenzene	ND		5.7	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Trichlorofluoromethane	ND		5.7	4.8	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1
Xylenes, Total	ND		11	8.3	ug/Kg	☼	04/21/23 07:44	04/21/23 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*60 - 124*	*04/21/23 07:44*	*04/21/23 20:07*	*1*
Dibromofluoromethane (Surr)	*129*	*S1+*	*69 - 126*	*04/21/23 07:44*	*04/21/23 20:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*161*	*S1+*	*73 - 135*	*04/21/23 07:44*	*04/21/23 20:07*	*1*
Toluene-d8 (Surr)	*107*		*67 - 134*	*04/21/23 07:44*	*04/21/23 20:07*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Acenaphthylene	**160**		79	17	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Acetophenone	ND		790	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Anthracene	**74**	**J**	79	20	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Atrazine	ND		790	170	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Benzaldehyde	**210**	**J**	790	49	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Benzo[a]anthracene	**240**		79	36	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Benzo[a]pyrene	**240**		79	34	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Benzo[b]fluoranthene	**360**		79	19	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Benzo[g,h,i]perylene	**210**		79	17	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Benzo[k]fluoranthene	**99**		79	24	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV80-0.75-1.75
Date Collected: 04/11/23 13:45
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-17
Matrix: Solid
Percent Solids: 84.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Bis(2-chloroethyl)ether	ND		79	14	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Carbazole	ND		79	18	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Chrysene	**280**		79	44	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Dibenz(a,h)anthracene	**55**	**J**	79	50	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Dibenzofuran	ND		390	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Dimethyl phthalate	ND		390	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Di-n-butyl phthalate	ND		390	170	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
1,4-Dioxane	ND		790	120	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Fluoranthene	**370**		79	21	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Fluorene	ND		79	15	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Hexachlorocyclopentadiene	ND		390	40	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Indeno[1,2,3-cd]pyrene	**170**		79	39	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Isophorone	ND		390	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2-Methylnaphthalene	ND		79	19	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Naphthalene	ND		79	15	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Nitrobenzene	ND		790	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1

Client Sample ID: SSHS-IRM5A2-SCV80-0.75-1.75
Date Collected: 04/11/23 13:45
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-17
Matrix: Solid
Percent Solids: 84.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**120**		79	21	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Phenol	ND		390	120	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
Pyrene	**450**		79	19	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/19/23 11:35	04/21/23 11:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*44 - 105*	*04/19/23 11:35*	*04/21/23 11:36*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*04/19/23 11:35*	*04/21/23 11:36*	*1*
Nitrobenzene-d5 (Surr)	*81*		*46 - 105*	*04/19/23 11:35*	*04/21/23 11:36*	*1*
Phenol-d5 (Surr)	*71*		*46 - 105*	*04/19/23 11:35*	*04/21/23 11:36*	*1*
Terphenyl-d14 (Surr)	*72*		*39 - 105*	*04/19/23 11:35*	*04/21/23 11:36*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*34 - 108*	*04/19/23 11:35*	*04/21/23 11:36*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	04/17/23 11:31	04/20/23 21:14	1
PCB-1221	ND		19	6.8	ug/Kg	☼	04/17/23 11:31	04/20/23 21:14	1
PCB-1232	ND		19	4.7	ug/Kg	☼	04/17/23 11:31	04/20/23 21:14	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/17/23 11:31	04/20/23 21:14	1
PCB-1248	ND		19	4.6	ug/Kg	☼	04/17/23 11:31	04/20/23 21:14	1
PCB-1254	ND		19	5.7	ug/Kg	☼	04/17/23 11:31	04/20/23 21:14	1
PCB-1260	ND		19	5.4	ug/Kg	☼	04/17/23 11:31	04/20/23 21:14	1
PCB-1262	ND		19	6.7	ug/Kg	☼	04/17/23 11:31	04/20/23 21:14	1
PCB-1268	ND		19	2.6	ug/Kg	☼	04/17/23 11:31	04/20/23 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*87*		*63 - 138*	*04/17/23 11:31*	*04/20/23 21:14*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*63 - 138*	*04/17/23 11:31*	*04/20/23 21:14*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*04/17/23 11:31*	*04/20/23 21:14*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*04/17/23 11:31*	*04/20/23 21:14*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9500**		13	3.1	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Antimony	ND		0.63	0.19	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Arsenic	**5.3**		0.63	0.39	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Barium	**99**		13	2.2	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Beryllium	**0.40**		0.25	0.068	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Cadmium	**0.063**	**J**	0.31	0.046	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Calcium	**1200**		310	41	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Chromium	**9.6**		0.31	0.29	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Cobalt	**6.1**		3.1	0.44	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Copper	**14**		1.6	0.95	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Iron	**18000**		6.3	6.1	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Lead	**24**		0.63	0.55	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Magnesium	**2100**		310	34	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Manganese	**480**		0.94	0.17	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1

Client Sample ID: SSHS-IRM5A2-SCV80-0.75-1.75

Lab Sample ID: 180-154918-17
Date Collected: 04/11/23 13:45
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 84.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**15**		2.5	0.32	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Potassium	**290**	**J**	310	53	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Selenium	ND		0.63	0.29	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Silver	ND		0.31	0.065	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Sodium	ND		310	32	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Thallium	**0.59**	**J**	1.3	0.18	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Vanadium	**14**		3.1	0.50	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1
Zinc	**120**		1.3	0.91	mg/Kg	☼	04/20/23 10:20	04/30/23 06:56	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.042**		0.038	0.024	mg/Kg	☼	05/01/23 08:30	05/02/23 13:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**15.2**		0.1	0.1	%			04/14/23 14:26	1
Percent Solids (SM22 2540G)	**84.8**		0.1	0.1	%			04/14/23 14:26	1

Client Sample ID: SSHS-IRM5A2-SCV81-0-0.17

Lab Sample ID: 180-154918-18
Date Collected: 04/11/23 13:50
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 76.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.9	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Benzene	ND		6.3	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Bromoform	ND		6.3	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Bromomethane	ND		6.3	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
2-Butanone (MEK)	ND		6.3	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Carbon disulfide	ND		6.3	5.0	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Carbon tetrachloride	ND		6.3	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Chlorobenzene	ND		6.3	1.6	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Chlorobromomethane	ND		6.3	3.8	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Chlorodibromomethane	ND		6.3	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Chloroethane	ND		6.3	3.7	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Chloroform	ND		6.3	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Chloromethane	ND		6.3	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
cis-1,2-Dichloroethene	ND		6.3	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
cis-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Cyclohexane	ND		6.3	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,2-Dibromo-3-Chloropropane	ND		6.3	4.1	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,2-Dibromoethane	ND		6.3	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,2-Dichlorobenzene	ND		6.3	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,3-Dichlorobenzene	ND		6.3	3.9	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,4-Dichlorobenzene	ND		6.3	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Dichlorobromomethane	ND		6.3	2.9	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Dichlorodifluoromethane	ND	*+	6.3	3.1	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,1-Dichloroethane	ND		6.3	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,2-Dichloroethane	ND		6.3	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,1-Dichloroethene	ND		6.3	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1

Client Sample ID: SSHS-IRM5A2-SCV81-0-0.17

Date Collected: 04/11/23 13:50
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-18

Matrix: Solid
Percent Solids: 76.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	ND		13	5.1	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,2-Dichloropropane	ND		6.3	1.7	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,4-Dioxane	ND		1300	44	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Ethylbenzene	ND		6.3	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
2-Hexanone	ND		6.3	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Isopropylbenzene	ND		6.3	3.3	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Methyl acetate	ND	*+	31	9.2	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Methylcyclohexane	ND		6.3	3.0	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Methylene Chloride	ND		6.3	5.7	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
4-Methyl-2-pentanone (MIBK)	ND		6.3	2.3	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Methyl tert-butyl ether	ND		6.3	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
m-Xylene & p-Xylene	ND		6.3	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
o-Xylene	ND		6.3	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Styrene	ND		6.3	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.9	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Tetrachloroethene	ND		6.3	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Toluene	ND		6.3	1.8	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
trans-1,2-Dichloroethene	ND		6.3	2.2	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
trans-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,2,3-Trichlorobenzene	ND		6.3	3.5	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,2,4-Trichlorobenzene	ND		6.3	3.2	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,1,1-Trichloroethane	ND		6.3	2.1	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,1,2-Trichloroethane	ND		6.3	1.2	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Trichloroethene	ND		6.3	2.0	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Trichlorofluoromethane	ND		6.3	5.2	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	2.5	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Vinyl chloride	ND		6.3	4.5	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1
Xylenes, Total	ND		13	9.1	ug/Kg	☼	04/20/23 07:05	04/20/23 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*60 - 124*	*04/20/23 07:05*	*04/20/23 19:43*	*1*
Dibromofluoromethane (Surr)	*130*	*S1+*	*69 - 126*	*04/20/23 07:05*	*04/20/23 19:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*152*	*S1+*	*73 - 135*	*04/20/23 07:05*	*04/20/23 19:43*	*1*
Toluene-d8 (Surr)	*103*		*67 - 134*	*04/20/23 07:05*	*04/20/23 19:43*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**51**	**J**	88	25	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Acenaphthylene	**1000**		88	19	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Acetophenone	ND		880	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Anthracene	**540**		88	23	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Atrazine	ND		880	190	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Benzaldehyde	ND		880	54	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Benzo[a]anthracene	**1700**		88	40	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Benzo[a]pyrene	**1700**		88	38	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Benzo[b]fluoranthene	**2300**		88	22	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Benzo[g,h,i]perylene	**1400**		88	19	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Benzo[k]fluoranthene	**750**		88	26	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
1,1'-Biphenyl	ND		430	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Bis(2-chloroethoxy)methane	ND		430	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1

Client Sample ID: SSHS-IRM5A2-SCV81-0-0.17
Date Collected: 04/11/23 13:50
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-18
Matrix: Solid
Percent Solids: 76.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		88	16	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Bis(2-ethylhexyl) phthalate	ND		4300	470	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
4-Bromophenyl phenyl ether	ND		430	190	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Butyl benzyl phthalate	ND		430	300	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Carbazole	**120**		88	20	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
4-Chloroaniline	ND		430	110	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
4-Chloro-3-methylphenol	ND		430	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2-Chloronaphthalene	ND		88	20	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2-Chlorophenol	ND		430	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
4-Chlorophenyl phenyl ether	ND		430	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Chrysene	**2000**		88	49	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Dibenz(a,h)anthracene	**400**		88	56	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Dibenzofuran	ND		430	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
3,3'-Dichlorobenzidine	ND		430	410	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2,4-Dichlorophenol	ND		88	34	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Diethyl phthalate	ND		430	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2,4-Dimethylphenol	ND		430	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Dimethyl phthalate	ND		430	170	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Di-n-butyl phthalate	ND		430	190	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
4,6-Dinitro-2-methylphenol	ND		2200	750	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2,4-Dinitrophenol	ND		4300	2700	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2,4-Dinitrotoluene	ND		430	260	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2,6-Dinitrotoluene	ND		430	170	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Di-n-octyl phthalate	ND		430	250	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
1,4-Dioxane	ND		880	140	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Fluoranthene	**2600**		88	23	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Fluorene	**120**		88	17	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Hexachlorobenzene	ND		88	31	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Hexachlorobutadiene	ND		88	26	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Hexachlorocyclopentadiene	ND		430	45	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Hexachloroethane	ND		430	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Indeno[1,2,3-cd]pyrene	**1100**		88	44	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Isophorone	ND		430	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2-Methylnaphthalene	**60**	**J**	88	21	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2-Methylphenol	ND		430	130	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Methylphenol, 3 & 4	ND		430	130	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Naphthalene	**98**		88	17	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2-Nitroaniline	ND		2200	200	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Nitrobenzene	ND		880	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2-Nitrophenol	ND		430	160	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
4-Nitrophenol	ND		2200	310	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
N-Nitrosodi-n-propylamine	ND		88	30	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
N-Nitrosodiphenylamine	ND		430	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2,2'-oxybis[1-chloropropane]	ND		88	32	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Pentachlorophenol	ND		2200	700	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Phenanthrene	**900**		88	24	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1

Client Sample ID: SSHS-IRM5A2-SCV81-0-0.17

Date Collected: 04/11/23 13:50
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-18

Matrix: Solid
Percent Solids: 76.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		430	130	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
Pyrene	**3100**		88	21	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
1,2,4,5-Tetrachlorobenzene	ND		430	170	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2,3,4,6-Tetrachlorophenol	ND		430	180	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2,4,5-Trichlorophenol	ND		430	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1
2,4,6-Trichlorophenol	ND		430	150	ug/Kg	☼	04/19/23 11:35	04/21/23 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*04/19/23 11:35*	*04/21/23 11:58*	*1*
2-Fluorophenol (Surr)	*66*		*48 - 105*	*04/19/23 11:35*	*04/21/23 11:58*	*1*
Nitrobenzene-d5 (Surr)	*81*		*46 - 105*	*04/19/23 11:35*	*04/21/23 11:58*	*1*
Phenol-d5 (Surr)	*72*		*46 - 105*	*04/19/23 11:35*	*04/21/23 11:58*	*1*
Terphenyl-d14 (Surr)	*72*		*39 - 105*	*04/19/23 11:35*	*04/21/23 11:58*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*34 - 108*	*04/19/23 11:35*	*04/21/23 11:58*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.1	ug/Kg	☼	04/17/23 11:31	04/20/23 21:33	1
PCB-1221	ND		22	7.7	ug/Kg	☼	04/17/23 11:31	04/20/23 21:33	1
PCB-1232	ND		22	5.3	ug/Kg	☼	04/17/23 11:31	04/20/23 21:33	1
PCB-1242	ND		22	3.2	ug/Kg	☼	04/17/23 11:31	04/20/23 21:33	1
PCB-1248	ND		22	5.2	ug/Kg	☼	04/17/23 11:31	04/20/23 21:33	1
PCB-1254	ND		22	6.5	ug/Kg	☼	04/17/23 11:31	04/20/23 21:33	1
PCB-1260	ND		22	6.2	ug/Kg	☼	04/17/23 11:31	04/20/23 21:33	1
PCB-1262	ND		22	7.6	ug/Kg	☼	04/17/23 11:31	04/20/23 21:33	1
PCB-1268	ND		22	2.9	ug/Kg	☼	04/17/23 11:31	04/20/23 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*58*	*S1-*	*63 - 138*	*04/17/23 11:31*	*04/20/23 21:33*	*1*
DCB Decachlorobiphenyl (Surr)	*62*	*S1-*	*63 - 138*	*04/17/23 11:31*	*04/20/23 21:33*	*1*
Tetrachloro-m-xylene (Surr)	*63*		*55 - 135*	*04/17/23 11:31*	*04/20/23 21:33*	*1*
Tetrachloro-m-xylene (Surr)	*65*		*55 - 135*	*04/17/23 11:31*	*04/20/23 21:33*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8600**		16	3.9	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Antimony	ND		0.79	0.24	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Arsenic	**9.5**		0.79	0.50	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Barium	**130**		16	2.8	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Beryllium	**0.50**		0.32	0.086	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Cadmium	**1.1**		0.40	0.058	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Calcium	**2700**		400	51	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Chromium	**13**		0.40	0.36	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Cobalt	**7.4**		4.0	0.56	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Copper	**26**		2.0	1.2	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Iron	**18000**		7.9	7.7	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Lead	**240**		0.79	0.69	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Magnesium	**2100**		400	43	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Manganese	**510**		1.2	0.22	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Nickel	**17**		3.2	0.40	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1

Client Sample ID: SSHS-IRM5A2-SCV81-0-0.17

Lab Sample ID: 180-154918-18

Date Collected: 04/11/23 13:50
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 76.2

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1100		400	67	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Selenium	1.1		0.79	0.36	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Silver	ND		0.40	0.082	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Sodium	59	J	400	40	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Thallium	0.68	J	1.6	0.22	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Vanadium	15		4.0	0.63	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1
Zinc	620		1.6	1.1	mg/Kg	☼	04/20/23 10:20	04/30/23 07:01	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.095		0.039	0.025	mg/Kg	☼	05/01/23 08:30	05/02/23 13:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	23.8		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	76.2		0.1	0.1	%			04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV81-0.17-0.83

Lab Sample ID: 180-154918-19

Date Collected: 04/11/23 13:55
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 77.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	26	5.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Benzene	ND		6.4	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Bromoform	ND		6.4	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Bromomethane	ND		6.4	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
2-Butanone (MEK)	ND	*1	6.4	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Carbon disulfide	ND		6.4	5.1	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Carbon tetrachloride	ND		6.4	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Chlorobenzene	ND		6.4	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Chlorobromomethane	ND		6.4	3.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Chlorodibromomethane	ND		6.4	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Chloroethane	ND		6.4	3.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Chloroform	ND		6.4	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Chloromethane	ND		6.4	2.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
cis-1,2-Dichloroethene	ND		6.4	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
cis-1,3-Dichloropropene	ND		6.4	2.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Cyclohexane	ND		6.4	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,2-Dibromo-3-Chloropropane	ND		6.4	4.1	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,2-Dibromoethane	ND		6.4	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,2-Dichlorobenzene	ND		6.4	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,3-Dichlorobenzene	ND		6.4	3.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,4-Dichlorobenzene	ND		6.4	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Dichlorobromomethane	ND		6.4	3.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Dichlorodifluoromethane	ND		6.4	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,1-Dichloroethane	ND		6.4	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,2-Dichloroethane	ND		6.4	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,1-Dichloroethene	ND		6.4	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,2-Dichloroethene, Total	ND		13	5.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1

Client Sample ID: SSHS-IRM5A2-SCV81-0.17-0.83
Date Collected: 04/11/23 13:55
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-19
Matrix: Solid
Percent Solids: 77.9

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		6.4	1.7	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,4-Dioxane	ND		1300	45	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Ethylbenzene	ND		6.4	2.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
2-Hexanone	ND		6.4	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Isopropylbenzene	ND		6.4	3.3	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Methyl acetate	ND		32	9.4	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Methylcyclohexane	ND		6.4	3.1	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Methylene Chloride	**7.5**		6.4	5.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
4-Methyl-2-pentanone (MIBK)	ND		6.4	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Methyl tert-butyl ether	ND		6.4	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
m-Xylene & p-Xylene	ND		6.4	2.3	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
o-Xylene	ND		6.4	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Styrene	ND		6.4	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,1,2,2-Tetrachloroethane	ND		6.4	1.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Tetrachloroethene	ND		6.4	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Toluene	ND		6.4	1.8	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
trans-1,2-Dichloroethene	ND		6.4	2.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
trans-1,3-Dichloropropene	ND		6.4	2.9	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,2,3-Trichlorobenzene	ND		6.4	3.5	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,2,4-Trichlorobenzene	ND		6.4	3.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,1,1-Trichloroethane	ND		6.4	2.1	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,1,2-Trichloroethane	ND		6.4	1.3	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Trichloroethene	ND		6.4	2.0	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Trichlorofluoromethane	ND		6.4	5.3	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.4	2.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Vinyl chloride	ND		6.4	4.6	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1
Xylenes, Total	ND		13	9.2	ug/Kg	☼	04/21/23 07:44	04/21/23 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*60 - 124*	*04/21/23 07:44*	*04/21/23 12:06*	*1*
Dibromofluoromethane (Surr)	*120*		*69 - 126*	*04/21/23 07:44*	*04/21/23 12:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*132*		*73 - 135*	*04/21/23 07:44*	*04/21/23 12:06*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/21/23 07:44*	*04/21/23 12:06*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**130**		86	25	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Acenaphthylene	**2100**		86	19	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Acetophenone	ND		860	150	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Anthracene	**1100**		86	22	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Atrazine	ND		860	190	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Benzaldehyde	ND		860	53	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Benzo[a]anthracene	**3300**		86	39	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Benzo[a]pyrene	**3200**		86	37	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Benzo[b]fluoranthene	**4400**		86	21	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Benzo[g,h,i]perylene	**2600**		86	18	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Benzo[k]fluoranthene	**1400**		86	26	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
1,1'-Biphenyl	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Bis(2-chloroethoxy)methane	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Bis(2-chloroethyl)ether	ND		86	16	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1

Client Sample ID: SSHS-IRM5A2-SCV81-0.17-0.83
Date Collected: 04/11/23 13:55
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-19
Matrix: Solid
Percent Solids: 77.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	ND		4200	460	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Carbazole	**240**		86	20	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2-Chloronaphthalene	ND		86	20	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Chrysene	**4000**		86	47	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Dibenz(a,h)anthracene	**710**		86	55	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Dibenzofuran	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
3,3'-Dichlorobenzidine	ND		420	400	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2,4-Dichlorophenol	ND		86	33	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Di-n-butyl phthalate	ND		420	190	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
4,6-Dinitro-2-methylphenol	ND		2200	740	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2,4-Dinitrophenol	ND		4200	2700	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2,4-Dinitrotoluene	ND		420	260	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2,6-Dinitrotoluene	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
1,4-Dioxane	ND		860	130	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Fluoranthene	**5200**		86	23	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Fluorene	**240**		86	17	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Hexachlorobenzene	ND		86	31	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Hexachlorobutadiene	ND		86	25	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Hexachlorocyclopentadiene	ND		420	44	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Indeno[1,2,3-cd]pyrene	**2100**		86	43	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Isophorone	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2-Methylnaphthalene	**120**		86	21	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Methylphenol, 3 & 4	ND		420	130	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Naphthalene	**180**		86	17	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2-Nitroaniline	ND		2200	200	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Nitrobenzene	ND		860	160	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
N-Nitrosodi-n-propylamine	ND		86	29	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2,2'-oxybis[1-chloropropane]	ND		86	32	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Pentachlorophenol	ND		2200	690	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Phenanthrene	**2000**		86	23	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
Phenol	ND		420	130	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1

Client Sample ID: SSHS-IRM5A2-SCV81-0.17-0.83

Date Collected: 04/11/23 13:55
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-19

Matrix: Solid
Percent Solids: 77.9

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	**6100**		86	20	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/19/23 11:35	04/21/23 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*04/19/23 11:35*	*04/21/23 12:20*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*04/19/23 11:35*	*04/21/23 12:20*	*1*
Nitrobenzene-d5 (Surr)	*77*		*46 - 105*	*04/19/23 11:35*	*04/21/23 12:20*	*1*
Phenol-d5 (Surr)	*73*		*46 - 105*	*04/19/23 11:35*	*04/21/23 12:20*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*04/19/23 11:35*	*04/21/23 12:20*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*34 - 108*	*04/19/23 11:35*	*04/21/23 12:20*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.9	ug/Kg	☼	04/17/23 11:31	04/20/23 21:52	1
PCB-1221	ND		21	7.5	ug/Kg	☼	04/17/23 11:31	04/20/23 21:52	1
PCB-1232	ND		21	5.2	ug/Kg	☼	04/17/23 11:31	04/20/23 21:52	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/17/23 11:31	04/20/23 21:52	1
PCB-1248	ND		21	5.1	ug/Kg	☼	04/17/23 11:31	04/20/23 21:52	1
PCB-1254	ND		21	6.4	ug/Kg	☼	04/17/23 11:31	04/20/23 21:52	1
PCB-1260	ND		21	6.0	ug/Kg	☼	04/17/23 11:31	04/20/23 21:52	1
PCB-1262	ND		21	7.5	ug/Kg	☼	04/17/23 11:31	04/20/23 21:52	1
PCB-1268	ND		21	2.9	ug/Kg	☼	04/17/23 11:31	04/20/23 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*99*		*63 - 138*	*04/17/23 11:31*	*04/20/23 21:52*	*1*
DCB Decachlorobiphenyl (Surr)	*103*		*63 - 138*	*04/17/23 11:31*	*04/20/23 21:52*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*55 - 135*	*04/17/23 11:31*	*04/20/23 21:52*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*04/17/23 11:31*	*04/20/23 21:52*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8000**		16	3.9	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Antimony	**0.77**	**J F1**	0.78	0.24	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Arsenic	**11**		0.78	0.49	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Barium	**140**		16	2.8	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Beryllium	**0.47**		0.31	0.085	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Cadmium	**2.1**		0.39	0.057	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Calcium	**2900**		390	51	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Chromium	**15**		0.39	0.36	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Cobalt	**6.7**		3.9	0.55	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Copper	**32**		2.0	1.2	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Iron	**21000**		7.8	7.6	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Lead	**310**	**F2**	0.78	0.68	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Magnesium	**1600**		390	43	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Manganese	**440**		1.2	0.22	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Nickel	**20**		3.1	0.39	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Potassium	**780**	**B**	390	67	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154918-1

Client Sample ID: SSHS-IRM5A2-SCV81-0.17-0.83
Date Collected: 04/11/23 13:55
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154918-19
Matrix: Solid
Percent Solids: 77.9

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	1.2		0.78	0.36	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Silver	ND		0.39	0.081	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Sodium	78	J	390	40	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Thallium	0.97	J	1.6	0.22	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Vanadium	19		3.9	0.62	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1
Zinc	650	B	1.6	1.1	mg/Kg	☼	05/10/23 14:21	05/15/23 11:29	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.098		0.039	0.025	mg/Kg	☼	05/01/23 08:30	05/02/23 13:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	22.1		0.1	0.1	%			04/14/23 16:07	1
Percent Solids (SM22 2540G)	77.9		0.1	0.1	%			04/14/23 16:07	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 180-432856/7
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/20/23 11:23	1
Benzene	ND		5.0	1.4	ug/Kg			04/20/23 11:23	1
Bromoform	ND		5.0	2.5	ug/Kg			04/20/23 11:23	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/20/23 11:23	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/20/23 11:23	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/20/23 11:23	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/20/23 11:23	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/20/23 11:23	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/20/23 11:23	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/20/23 11:23	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/20/23 11:23	1
Chloroform	ND		5.0	1.6	ug/Kg			04/20/23 11:23	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/20/23 11:23	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/20/23 11:23	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/20/23 11:23	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/20/23 11:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/20/23 11:23	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/20/23 11:23	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/20/23 11:23	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/20/23 11:23	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/20/23 11:23	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/20/23 11:23	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/20/23 11:23	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/20/23 11:23	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/20/23 11:23	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/20/23 11:23	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/20/23 11:23	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/20/23 11:23	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/20/23 11:23	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/20/23 11:23	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/20/23 11:23	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/20/23 11:23	1
Methyl acetate	ND		25	7.4	ug/Kg			04/20/23 11:23	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/20/23 11:23	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/20/23 11:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/20/23 11:23	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/20/23 11:23	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/20/23 11:23	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/20/23 11:23	1
Styrene	ND		5.0	1.5	ug/Kg			04/20/23 11:23	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/20/23 11:23	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/20/23 11:23	1
Toluene	ND		5.0	1.4	ug/Kg			04/20/23 11:23	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/20/23 11:23	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/20/23 11:23	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/20/23 11:23	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/20/23 11:23	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/20/23 11:23	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-432856/7
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/20/23 11:23	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/20/23 11:23	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/20/23 11:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/20/23 11:23	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/20/23 11:23	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/20/23 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*		*04/20/23 11:23*	*1*
Dibromofluoromethane (Surr)	*112*		*69 - 126*		*04/20/23 11:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*73 - 135*		*04/20/23 11:23*	*1*
Toluene-d8 (Surr)	*93*		*67 - 134*		*04/20/23 11:23*	*1*

Lab Sample ID: LCS 180-432856/3
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	53.7		ug/Kg		134	23 - 170
Benzene	40.0	35.1		ug/Kg		88	77 - 120
Bromoform	40.0	40.5		ug/Kg		101	37 - 147
Bromomethane	40.0	38.0		ug/Kg		95	47 - 149
2-Butanone (MEK)	40.0	43.6		ug/Kg		109	39 - 157
Carbon disulfide	40.0	46.3		ug/Kg		116	40 - 156
Carbon tetrachloride	40.0	42.7		ug/Kg		107	73 - 130
Chlorobenzene	40.0	33.0		ug/Kg		82	79 - 122
Chlorobromomethane	40.0	40.2		ug/Kg		100	64 - 128
Chlorodibromomethane	40.0	38.7		ug/Kg		97	60 - 134
Chloroethane	40.0	35.0		ug/Kg		87	37 - 159
Chloroform	40.0	37.3		ug/Kg		93	73 - 126
Chloromethane	40.0	30.4		ug/Kg		76	46 - 151
cis-1,2-Dichloroethene	40.0	36.8		ug/Kg		92	77 - 118
cis-1,3-Dichloropropene	40.0	38.0		ug/Kg		95	73 - 127
Cyclohexane	40.0	36.7		ug/Kg		92	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	37.6		ug/Kg		94	30 - 163
1,2-Dibromoethane	40.0	37.1		ug/Kg		93	59 - 137
1,2-Dichlorobenzene	40.0	32.9		ug/Kg		82	76 - 120
1,3-Dichlorobenzene	40.0	32.9		ug/Kg		82	77 - 121
1,4-Dichlorobenzene	40.0	33.5		ug/Kg		84	79 - 120
Dichlorobromomethane	40.0	37.3		ug/Kg		93	75 - 123
Dichlorodifluoromethane	40.0	56.7		ug/Kg		142	26 - 149
1,1-Dichloroethane	40.0	36.5		ug/Kg		91	73 - 124
1,2-Dichloroethane	40.0	47.8		ug/Kg		119	64 - 140
1,1-Dichloroethene	40.0	43.9		ug/Kg		110	55 - 136
1,2-Dichloroethene, Total	80.0	75.3		ug/Kg		94	77 - 119
1,2-Dichloropropane	40.0	33.0		ug/Kg		82	77 - 119
1,4-Dioxane	800	606	J	ug/Kg		76	18 - 166
Ethylbenzene	40.0	32.4		ug/Kg		81	79 - 119

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432856/3
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	40.0	41.5		ug/Kg		104	42 - 152
Isopropylbenzene	40.0	32.9		ug/Kg		82	70 - 125
Methyl acetate	80.0	126		ug/Kg		157	20 - 170
Methylcyclohexane	40.0	35.7		ug/Kg		89	70 - 125
Methylene Chloride	40.0	39.2		ug/Kg		98	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	37.6		ug/Kg		94	51 - 147
Methyl tert-butyl ether	40.0	40.3		ug/Kg		101	58 - 132
m-Xylene & p-Xylene	40.0	34.1		ug/Kg		85	77 - 120
o-Xylene	40.0	32.2		ug/Kg		81	78 - 118
Styrene	40.0	33.4		ug/Kg		83	80 - 120
1,1,2,2-Tetrachloroethane	40.0	37.6		ug/Kg		94	36 - 170
Tetrachloroethene	40.0	36.1		ug/Kg		90	71 - 121
Toluene	40.0	32.2		ug/Kg		81	76 - 120
trans-1,2-Dichloroethene	40.0	38.4		ug/Kg		96	75 - 122
trans-1,3-Dichloropropene	40.0	36.0		ug/Kg		90	68 - 133
1,2,3-Trichlorobenzene	40.0	35.9		ug/Kg		90	29 - 166
1,2,4-Trichlorobenzene	40.0	35.3		ug/Kg		88	22 - 170
1,1,1-Trichloroethane	40.0	40.3		ug/Kg		101	72 - 134
1,1,2-Trichloroethane	40.0	34.4		ug/Kg		86	66 - 128
Trichloroethene	40.0	37.0		ug/Kg		93	69 - 118
Trichlorofluoromethane	40.0	36.2		ug/Kg		91	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	43.0		ug/Kg		108	59 - 135
Vinyl chloride	40.0	29.7		ug/Kg		74	64 - 134
Xylenes, Total	80.0	66.3		ug/Kg		83	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 135*
Toluene-d8 (Surr)	*91*		*67 - 134*

Lab Sample ID: LCSD 180-432856/4
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	40.0	56.5		ug/Kg		141	23 - 170	5	35
Benzene	40.0	37.2		ug/Kg		93	77 - 120	6	20
Bromoform	40.0	42.7		ug/Kg		107	37 - 147	5	23
Bromomethane	40.0	40.5		ug/Kg		101	47 - 149	6	25
2-Butanone (MEK)	40.0	40.7		ug/Kg		102	39 - 157	7	33
Carbon disulfide	40.0	49.8		ug/Kg		125	40 - 156	7	25
Carbon tetrachloride	40.0	45.7		ug/Kg		114	73 - 130	7	21
Chlorobenzene	40.0	35.7		ug/Kg		89	79 - 122	8	20
Chlorobromomethane	40.0	42.7		ug/Kg		107	64 - 128	6	20
Chlorodibromomethane	40.0	40.2		ug/Kg		100	60 - 134	4	40
Chloroethane	40.0	36.7		ug/Kg		92	37 - 159	5	25
Chloroform	40.0	40.0		ug/Kg		100	73 - 126	7	20

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 180-432856/4
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			40.0	35.3		ug/Kg		88	46 - 151	15	33
cis-1,2-Dichloroethene			40.0	38.8		ug/Kg		97	77 - 118	5	20
cis-1,3-Dichloropropene			40.0	39.9		ug/Kg		100	73 - 127	5	20
Cyclohexane			40.0	40.4		ug/Kg		101	63 - 143	10	25
1,2-Dibromo-3-Chloropropane			40.0	39.2		ug/Kg		98	30 - 163	4	34
1,2-Dibromoethane			40.0	39.5		ug/Kg		99	59 - 137	6	20
1,2-Dichlorobenzene			40.0	34.6		ug/Kg		87	76 - 120	5	20
1,3-Dichlorobenzene			40.0	35.6		ug/Kg		89	77 - 121	8	20
1,4-Dichlorobenzene			40.0	35.6		ug/Kg		89	79 - 120	6	20
Dichlorobromomethane			40.0	39.4		ug/Kg		99	75 - 123	6	20
Dichlorodifluoromethane			40.0	60.1	*+	ug/Kg		150	26 - 149	6	24
1,1-Dichloroethane			40.0	39.3		ug/Kg		98	73 - 124	7	20
1,2-Dichloroethane			40.0	48.3		ug/Kg		121	64 - 140	1	20
1,1-Dichloroethene			40.0	46.4		ug/Kg		116	55 - 136	6	21
1,2-Dichloroethene, Total			80.0	80.7		ug/Kg		101	77 - 119	7	20
1,2-Dichloropropane			40.0	34.4		ug/Kg		86	77 - 119	4	20
1,4-Dioxane			800	736	J	ug/Kg		92	18 - 166	20	40
Ethylbenzene			40.0	34.5		ug/Kg		86	79 - 119	6	20
2-Hexanone			40.0	43.5		ug/Kg		109	42 - 152	5	30
Isopropylbenzene			40.0	35.9		ug/Kg		90	70 - 125	9	21
Methyl acetate			80.0	138	*+	ug/Kg		172	20 - 170	9	33
Methylcyclohexane			40.0	39.5		ug/Kg		99	70 - 125	10	22
Methylene Chloride			40.0	40.2		ug/Kg		100	67 - 131	3	32
4-Methyl-2-pentanone (MIBK)			40.0	40.6		ug/Kg		102	51 - 147	8	27
Methyl tert-butyl ether			40.0	43.9		ug/Kg		110	58 - 132	9	24
m-Xylene & p-Xylene			40.0	36.4		ug/Kg		91	77 - 120	7	20
o-Xylene			40.0	35.3		ug/Kg		88	78 - 118	9	20
Styrene			40.0	35.4		ug/Kg		88	80 - 120	6	20
1,1,2,2-Tetrachloroethane			40.0	40.4		ug/Kg		101	36 - 170	7	23
Tetrachloroethene			40.0	39.8		ug/Kg		100	71 - 121	10	21
Toluene			40.0	34.7		ug/Kg		87	76 - 120	7	20
trans-1,2-Dichloroethene			40.0	41.9		ug/Kg		105	75 - 122	9	20
trans-1,3-Dichloropropene			40.0	38.5		ug/Kg		96	68 - 133	7	20
1,2,3-Trichlorobenzene			40.0	38.7		ug/Kg		97	29 - 166	8	40
1,2,4-Trichlorobenzene			40.0	38.9		ug/Kg		97	22 - 170	10	29
1,1,1-Trichloroethane			40.0	43.9		ug/Kg		110	72 - 134	9	20
1,1,2-Trichloroethane			40.0	37.5		ug/Kg		94	66 - 128	8	21
Trichloroethene			40.0	39.4		ug/Kg		99	69 - 118	6	20
Trichlorofluoromethane			40.0	38.8		ug/Kg		97	32 - 149	7	39
1,1,2-Trichloro-1,2,2-trifluoroethane			40.0	45.8		ug/Kg		114	59 - 135	6	28
Vinyl chloride			40.0	33.4		ug/Kg		83	64 - 134	12	23
Xylenes, Total			80.0	71.7		ug/Kg		90	78 - 118	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*
Dibromofluoromethane (Surr)	*105*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*113*		*73 - 135*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 180-432856/4
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*67 - 134*

Lab Sample ID: 180-154918-2 MS
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432910

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND		50.1	47.8		ug/Kg	☼	95	23 - 170
Benzene	ND		50.1	49.0		ug/Kg	☼	98	77 - 120
Bromoform	ND		50.1	50.5		ug/Kg	☼	101	37 - 147
Bromomethane	ND		50.1	53.4		ug/Kg	☼	107	47 - 149
2-Butanone (MEK)	ND		50.1	45.6		ug/Kg	☼	91	39 - 157
Carbon disulfide	ND		50.1	64.9		ug/Kg	☼	129	40 - 156
Carbon tetrachloride	ND		50.1	59.2		ug/Kg	☼	118	73 - 130
Chlorobenzene	ND		50.1	45.2		ug/Kg	☼	90	79 - 122
Chlorobromomethane	ND		50.1	53.7		ug/Kg	☼	107	64 - 128
Chlorodibromomethane	ND		50.1	48.7		ug/Kg	☼	97	60 - 134
Chloroethane	ND		50.1	58.1		ug/Kg	☼	116	37 - 159
Chloroform	ND		50.1	51.5		ug/Kg	☼	103	73 - 126
Chloromethane	ND		50.1	43.3		ug/Kg	☼	86	46 - 151
cis-1,2-Dichloroethene	ND		50.1	50.4		ug/Kg	☼	101	77 - 118
cis-1,3-Dichloropropene	ND		50.1	50.1		ug/Kg	☼	100	73 - 127
Cyclohexane	ND		50.1	51.1		ug/Kg	☼	102	63 - 143
1,2-Dibromo-3-Chloropropane	ND		50.1	48.2		ug/Kg	☼	96	30 - 163
1,2-Dibromoethane	ND		50.1	47.3		ug/Kg	☼	94	59 - 137
1,2-Dichlorobenzene	ND		50.1	43.3		ug/Kg	☼	86	76 - 120
1,3-Dichlorobenzene	ND		50.1	44.0		ug/Kg	☼	88	77 - 121
1,4-Dichlorobenzene	ND		50.1	44.6		ug/Kg	☼	89	79 - 120
Dichlorobromomethane	ND		50.1	50.6		ug/Kg	☼	101	75 - 123
Dichlorodifluoromethane	ND	F1 *+	50.1	80.4	F1	ug/Kg	☼	160	26 - 149
1,1-Dichloroethane	ND		50.1	49.5		ug/Kg	☼	99	73 - 124
1,2-Dichloroethane	ND		50.1	60.5		ug/Kg	☼	121	64 - 140
1,1-Dichloroethene	ND		50.1	59.4		ug/Kg	☼	119	55 - 136
1,2-Dichloroethene, Total	ND		100	104		ug/Kg	☼	103	77 - 119
1,2-Dichloropropane	ND		50.1	45.1		ug/Kg	☼	90	77 - 119
1,4-Dioxane	ND		1000	1060	J	ug/Kg	☼	106	18 - 166
Ethylbenzene	ND		50.1	44.2		ug/Kg	☼	88	79 - 119
2-Hexanone	ND		50.1	40.1		ug/Kg	☼	80	42 - 152
Isopropylbenzene	ND		50.1	45.0		ug/Kg	☼	90	70 - 125
Methyl acetate	ND	*+ F1	100	149		ug/Kg	☼	149	20 - 170
Methylcyclohexane	ND		50.1	50.9		ug/Kg	☼	102	70 - 125
Methylene Chloride	ND		50.1	53.4		ug/Kg	☼	106	67 - 131
4-Methyl-2-pentanone (MIBK)	ND		50.1	45.1		ug/Kg	☼	90	51 - 147
Methyl tert-butyl ether	ND		50.1	53.1		ug/Kg	☼	106	58 - 132
m-Xylene & p-Xylene	ND		50.1	46.3		ug/Kg	☼	92	77 - 120
o-Xylene	ND		50.1	44.0		ug/Kg	☼	88	78 - 118
Styrene	ND		50.1	45.1		ug/Kg	☼	90	80 - 120
1,1,2,2-Tetrachloroethane	ND		50.1	50.2		ug/Kg	☼	100	36 - 170

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154918-2 MS
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432910

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	ND		50.1	49.2		ug/Kg	☼	98	71 - 121
Toluene	ND		50.1	44.4		ug/Kg	☼	89	76 - 120
trans-1,2-Dichloroethene	ND		50.1	53.2		ug/Kg	☼	106	75 - 122
trans-1,3-Dichloropropene	ND		50.1	48.7		ug/Kg	☼	97	68 - 133
1,2,3-Trichlorobenzene	ND		50.1	48.1		ug/Kg	☼	96	29 - 166
1,2,4-Trichlorobenzene	ND		50.1	47.5		ug/Kg	☼	95	22 - 170
1,1,1-Trichloroethane	ND		50.1	55.8		ug/Kg	☼	111	72 - 134
1,1,2-Trichloroethane	ND		50.1	45.9		ug/Kg	☼	92	66 - 128
Trichloroethene	ND		50.1	51.8		ug/Kg	☼	103	69 - 118
Trichlorofluoromethane	ND		50.1	52.2		ug/Kg	☼	104	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.1	60.8		ug/Kg	☼	121	59 - 135
Vinyl chloride	ND		50.1	41.4		ug/Kg	☼	83	64 - 134
Xylenes, Total	ND		100	90.3		ug/Kg	☼	90	78 - 118

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*60 - 124*
Dibromofluoromethane (Surr)	*105*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*108*		*73 - 135*
Toluene-d8 (Surr)	*96*		*67 - 134*

Lab Sample ID: 180-154918-2 MSD
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432910

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND		48.6	66.5		ug/Kg	☼	137	23 - 170	33	35
Benzene	ND		48.6	46.8		ug/Kg	☼	96	77 - 120	5	20
Bromoform	ND		48.6	54.0		ug/Kg	☼	111	37 - 147	7	23
Bromomethane	ND		48.6	47.3		ug/Kg	☼	97	47 - 149	12	25
2-Butanone (MEK)	ND		48.6	50.5		ug/Kg	☼	104	39 - 157	10	33
Carbon disulfide	ND		48.6	60.7		ug/Kg	☼	125	40 - 156	7	25
Carbon tetrachloride	ND		48.6	55.0		ug/Kg	☼	113	73 - 130	7	21
Chlorobenzene	ND		48.6	44.6		ug/Kg	☼	92	79 - 122	1	20
Chlorobromomethane	ND		48.6	51.5		ug/Kg	☼	106	64 - 128	4	20
Chlorodibromomethane	ND		48.6	51.2		ug/Kg	☼	105	60 - 134	5	40
Chloroethane	ND		48.6	46.5		ug/Kg	☼	96	37 - 159	22	25
Chloroform	ND		48.6	49.9		ug/Kg	☼	103	73 - 126	3	20
Chloromethane	ND		48.6	40.9		ug/Kg	☼	84	46 - 151	6	33
cis-1,2-Dichloroethene	ND		48.6	49.8		ug/Kg	☼	102	77 - 118	1	20
cis-1,3-Dichloropropene	ND		48.6	50.9		ug/Kg	☼	105	73 - 127	2	20
Cyclohexane	ND		48.6	49.5		ug/Kg	☼	102	63 - 143	3	25
1,2-Dibromo-3-Chloropropane	ND		48.6	52.2		ug/Kg	☼	107	30 - 163	8	34
1,2-Dibromoethane	ND		48.6	49.4		ug/Kg	☼	102	59 - 137	4	20
1,2-Dichlorobenzene	ND		48.6	42.4		ug/Kg	☼	87	76 - 120	2	20
1,3-Dichlorobenzene	ND		48.6	42.5		ug/Kg	☼	87	77 - 121	3	20
1,4-Dichlorobenzene	ND		48.6	43.8		ug/Kg	☼	90	79 - 120	2	20
Dichlorobromomethane	ND		48.6	50.3		ug/Kg	☼	103	75 - 123	1	20
Dichlorodifluoromethane	ND	F1 *+	48.6	69.3		ug/Kg	☼	143	26 - 149	15	24

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154918-2 MSD
Matrix: Solid
Analysis Batch: 432856

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432910

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		48.6	48.5		ug/Kg	☼	100	73 - 124	2	20
1,2-Dichloroethane	ND		48.6	62.3		ug/Kg	☼	128	64 - 140	3	20
1,1-Dichloroethene	ND		48.6	58.7		ug/Kg	☼	121	55 - 136	1	21
1,2-Dichloroethene, Total	ND		97.2	101		ug/Kg	☼	104	77 - 119	3	20
1,2-Dichloropropane	ND		48.6	43.5		ug/Kg	☼	90	77 - 119	4	20
1,4-Dioxane	ND		972	940	J	ug/Kg	☼	97	18 - 166	12	40
Ethylbenzene	ND		48.6	42.4		ug/Kg	☼	87	79 - 119	4	20
2-Hexanone	ND		48.6	52.4		ug/Kg	☼	108	42 - 152	27	30
Isopropylbenzene	ND		48.6	43.3		ug/Kg	☼	89	70 - 125	4	21
Methyl acetate	ND	*+ F1	97.2	178	F1	ug/Kg	☼	183	20 - 170	18	33
Methylcyclohexane	ND		48.6	48.8		ug/Kg	☼	100	70 - 125	4	22
Methylene Chloride	ND		48.6	52.6		ug/Kg	☼	108	67 - 131	1	32
4-Methyl-2-pentanone (MIBK)	ND		48.6	53.8		ug/Kg	☼	111	51 - 147	18	27
Methyl tert-butyl ether	ND		48.6	57.3		ug/Kg	☼	118	58 - 132	8	24
m-Xylene & p-Xylene	ND		48.6	45.0		ug/Kg	☼	93	77 - 120	3	20
o-Xylene	ND		48.6	43.8		ug/Kg	☼	90	78 - 118	0	20
Styrene	ND		48.6	44.5		ug/Kg	☼	92	80 - 120	1	20
1,1,2,2-Tetrachloroethane	ND		48.6	52.4		ug/Kg	☼	108	36 - 170	4	23
Tetrachloroethene	ND		48.6	47.4		ug/Kg	☼	98	71 - 121	4	21
Toluene	ND		48.6	42.9		ug/Kg	☼	88	76 - 120	3	20
trans-1,2-Dichloroethene	ND		48.6	50.9		ug/Kg	☼	105	75 - 122	4	20
trans-1,3-Dichloropropene	ND		48.6	47.9		ug/Kg	☼	99	68 - 133	2	20
1,2,3-Trichlorobenzene	ND		48.6	47.9		ug/Kg	☼	99	29 - 166	0	40
1,2,4-Trichlorobenzene	ND		48.6	47.1		ug/Kg	☼	97	22 - 170	1	29
1,1,1-Trichloroethane	ND		48.6	53.1		ug/Kg	☼	109	72 - 134	5	20
1,1,2-Trichloroethane	ND		48.6	47.1		ug/Kg	☼	97	66 - 128	3	21
Trichloroethene	ND		48.6	49.7		ug/Kg	☼	102	69 - 118	4	20
Trichlorofluoromethane	ND		48.6	44.9		ug/Kg	☼	92	32 - 149	15	39
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		48.6	53.7		ug/Kg	☼	111	59 - 135	12	28
Vinyl chloride	ND		48.6	41.0		ug/Kg	☼	84	64 - 134	1	23
Xylenes, Total	ND		97.2	88.8		ug/Kg	☼	91	78 - 118	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*60 - 124*
Dibromofluoromethane (Surr)	*110*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*118*		*73 - 135*
Toluene-d8 (Surr)	*100*		*67 - 134*

Lab Sample ID: MB 180-432979/7
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/21/23 11:21	1
Benzene	ND		5.0	1.4	ug/Kg			04/21/23 11:21	1
Bromoform	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/21/23 11:21	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-432979/7
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/21/23 11:21	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/21/23 11:21	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/21/23 11:21	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/21/23 11:21	1
Chloroform	ND		5.0	1.6	ug/Kg			04/21/23 11:21	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/21/23 11:21	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/21/23 11:21	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/21/23 11:21	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/21/23 11:21	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/21/23 11:21	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/21/23 11:21	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/21/23 11:21	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/21/23 11:21	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/21/23 11:21	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/21/23 11:21	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/21/23 11:21	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/21/23 11:21	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/21/23 11:21	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/21/23 11:21	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/21/23 11:21	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/21/23 11:21	1
Methyl acetate	ND		25	7.4	ug/Kg			04/21/23 11:21	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/21/23 11:21	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/21/23 11:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/21/23 11:21	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/21/23 11:21	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
Styrene	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
Toluene	ND		5.0	1.4	ug/Kg			04/21/23 11:21	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/21/23 11:21	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/21/23 11:21	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/21/23 11:21	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/21/23 11:21	1
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/21/23 11:21	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/21/23 11:21	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/21/23 11:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/21/23 11:21	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/21/23 11:21	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		60 - 124		04/21/23 11:21	1
Dibromofluoromethane (Surr)	118		69 - 126		04/21/23 11:21	1
1,2-Dichloroethane-d4 (Surr)	131		73 - 135		04/21/23 11:21	1
Toluene-d8 (Surr)	100		67 - 134		04/21/23 11:21	1

Lab Sample ID: LCS 180-432979/3
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	47.2		ug/Kg		118	23 - 170
Benzene	40.0	38.9		ug/Kg		97	77 - 120
Bromoform	40.0	40.9		ug/Kg		102	37 - 147
Bromomethane	40.0	35.3		ug/Kg		88	47 - 149
2-Butanone (MEK)	40.0	35.8		ug/Kg		90	39 - 157
Carbon disulfide	40.0	50.2		ug/Kg		126	40 - 156
Carbon tetrachloride	40.0	44.1		ug/Kg		110	73 - 130
Chlorobenzene	40.0	36.2		ug/Kg		91	79 - 122
Chlorobromomethane	40.0	43.2		ug/Kg		108	64 - 128
Chlorodibromomethane	40.0	39.5		ug/Kg		99	60 - 134
Chloroethane	40.0	41.3		ug/Kg		103	37 - 159
Chloroform	40.0	39.4		ug/Kg		99	73 - 126
Chloromethane	40.0	34.1		ug/Kg		85	46 - 151
cis-1,2-Dichloroethene	40.0	40.0		ug/Kg		100	77 - 118
cis-1,3-Dichloropropene	40.0	39.7		ug/Kg		99	73 - 127
Cyclohexane	40.0	40.8		ug/Kg		102	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	37.4		ug/Kg		93	30 - 163
1,2-Dibromoethane	40.0	36.4		ug/Kg		91	59 - 137
1,2-Dichlorobenzene	40.0	34.8		ug/Kg		87	76 - 120
1,3-Dichlorobenzene	40.0	35.3		ug/Kg		88	77 - 121
1,4-Dichlorobenzene	40.0	35.5		ug/Kg		89	79 - 120
Dichlorobromomethane	40.0	38.6		ug/Kg		96	75 - 123
Dichlorodifluoromethane	40.0	59.3		ug/Kg		148	26 - 149
1,1-Dichloroethane	40.0	39.1		ug/Kg		98	73 - 124
1,2-Dichloroethane	40.0	45.9		ug/Kg		115	64 - 140
1,1-Dichloroethene	40.0	45.5		ug/Kg		114	55 - 136
1,2-Dichloroethene, Total	80.0	82.2		ug/Kg		103	77 - 119
1,2-Dichloropropane	40.0	35.8		ug/Kg		90	77 - 119
1,4-Dioxane	800	655	J	ug/Kg		82	18 - 166
Ethylbenzene	40.0	35.6		ug/Kg		89	79 - 119
2-Hexanone	40.0	34.4		ug/Kg		86	42 - 152
Isopropylbenzene	40.0	36.1		ug/Kg		90	70 - 125
Methyl acetate	80.0	124		ug/Kg		154	20 - 170
Methylcyclohexane	40.0	40.7		ug/Kg		102	70 - 125
Methylene Chloride	40.0	48.1		ug/Kg		120	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	35.8		ug/Kg		89	51 - 147
Methyl tert-butyl ether	40.0	40.4		ug/Kg		101	58 - 132
m-Xylene & p-Xylene	40.0	37.8		ug/Kg		95	77 - 120
o-Xylene	40.0	35.7		ug/Kg		89	78 - 118
Styrene	40.0	35.6		ug/Kg		89	80 - 120
1,1,2,2-Tetrachloroethane	40.0	38.7		ug/Kg		97	36 - 170

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432979/3
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	40.0	40.4		ug/Kg		101	71 - 121
Toluene	40.0	36.1		ug/Kg		90	76 - 120
trans-1,2-Dichloroethene	40.0	42.2		ug/Kg		106	75 - 122
trans-1,3-Dichloropropene	40.0	37.1		ug/Kg		93	68 - 133
1,2,3-Trichlorobenzene	40.0	38.0		ug/Kg		95	29 - 166
1,2,4-Trichlorobenzene	40.0	37.3		ug/Kg		93	22 - 170
1,1,1-Trichloroethane	40.0	42.6		ug/Kg		107	72 - 134
1,1,2-Trichloroethane	40.0	36.0		ug/Kg		90	66 - 128
Trichloroethene	40.0	40.4		ug/Kg		101	69 - 118
Trichlorofluoromethane	40.0	38.6		ug/Kg		96	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	48.4		ug/Kg		121	59 - 135
Vinyl chloride	40.0	33.9		ug/Kg		85	64 - 134
Xylenes, Total	80.0	73.5		ug/Kg		92	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*
Dibromofluoromethane (Surr)	*107*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 135*
Toluene-d8 (Surr)	*102*		*67 - 134*

Lab Sample ID: LCSD 180-432979/4
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	40.0	25.2	*1	ug/Kg		63	23 - 170	61	35
Benzene	40.0	38.0		ug/Kg		95	77 - 120	2	20
Bromoform	40.0	41.6		ug/Kg		104	37 - 147	2	23
Bromomethane	40.0	31.7		ug/Kg		79	47 - 149	11	25
2-Butanone (MEK)	40.0	24.4	*1	ug/Kg		61	39 - 157	38	33
Carbon disulfide	40.0	48.1		ug/Kg		120	40 - 156	4	25
Carbon tetrachloride	40.0	44.0		ug/Kg		110	73 - 130	0	21
Chlorobenzene	40.0	36.0		ug/Kg		90	79 - 122	1	20
Chlorobromomethane	40.0	40.8		ug/Kg		102	64 - 128	6	20
Chlorodibromomethane	40.0	39.9		ug/Kg		100	60 - 134	1	40
Chloroethane	40.0	40.9		ug/Kg		102	37 - 159	1	25
Chloroform	40.0	39.0		ug/Kg		97	73 - 126	1	20
Chloromethane	40.0	33.5		ug/Kg		84	46 - 151	2	33
cis-1,2-Dichloroethene	40.0	38.4		ug/Kg		96	77 - 118	4	20
cis-1,3-Dichloropropene	40.0	40.2		ug/Kg		101	73 - 127	1	20
Cyclohexane	40.0	41.3		ug/Kg		103	63 - 143	1	25
1,2-Dibromo-3-Chloropropane	40.0	43.0		ug/Kg		107	30 - 163	14	34
1,2-Dibromoethane	40.0	39.0		ug/Kg		97	59 - 137	7	20
1,2-Dichlorobenzene	40.0	35.1		ug/Kg		88	76 - 120	1	20
1,3-Dichlorobenzene	40.0	34.9		ug/Kg		87	77 - 121	1	20
1,4-Dichlorobenzene	40.0	34.9		ug/Kg		87	79 - 120	2	20
Dichlorobromomethane	40.0	38.9		ug/Kg		97	75 - 123	1	20
Dichlorodifluoromethane	40.0	58.8		ug/Kg		147	26 - 149	1	24

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 180-432979/4
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane			40.0	37.4		ug/Kg		93	73 - 124	4	20
1,2-Dichloroethane			40.0	45.7		ug/Kg		114	64 - 140	0	20
1,1-Dichloroethene			40.0	45.5		ug/Kg		114	55 - 136	0	21
1,2-Dichloroethene, Total			80.0	78.5		ug/Kg		98	77 - 119	5	20
1,2-Dichloropropane			40.0	35.0		ug/Kg		88	77 - 119	2	20
1,4-Dioxane			800	718	J	ug/Kg		90	18 - 166	9	40
Ethylbenzene			40.0	35.5		ug/Kg		89	79 - 119	0	20
2-Hexanone			40.0	28.5		ug/Kg		71	42 - 152	19	30
Isopropylbenzene			40.0	35.6		ug/Kg		89	70 - 125	1	21
Methyl acetate			80.0	129		ug/Kg		162	20 - 170	5	33
Methylcyclohexane			40.0	40.4		ug/Kg		101	70 - 125	1	22
Methylene Chloride			40.0	46.8		ug/Kg		117	67 - 131	3	32
4-Methyl-2-pentanone (MIBK)			40.0	38.1		ug/Kg		95	51 - 147	6	27
Methyl tert-butyl ether			40.0	40.2		ug/Kg		101	58 - 132	0	24
m-Xylene & p-Xylene			40.0	37.0		ug/Kg		92	77 - 120	2	20
o-Xylene			40.0	35.5		ug/Kg		89	78 - 118	1	20
Styrene			40.0	35.8		ug/Kg		90	80 - 120	1	20
1,1,2,2-Tetrachloroethane			40.0	42.3		ug/Kg		106	36 - 170	9	23
Tetrachloroethene			40.0	39.2		ug/Kg		98	71 - 121	3	21
Toluene			40.0	35.5		ug/Kg		89	76 - 120	2	20
trans-1,2-Dichloroethene			40.0	40.1		ug/Kg		100	75 - 122	5	20
trans-1,3-Dichloropropene			40.0	38.8		ug/Kg		97	68 - 133	5	20
1,2,3-Trichlorobenzene			40.0	38.7		ug/Kg		97	29 - 166	2	40
1,2,4-Trichlorobenzene			40.0	36.8		ug/Kg		92	22 - 170	1	29
1,1,1-Trichloroethane			40.0	42.5		ug/Kg		106	72 - 134	0	20
1,1,2-Trichloroethane			40.0	37.5		ug/Kg		94	66 - 128	4	21
Trichloroethene			40.0	40.4		ug/Kg		101	69 - 118	0	20
Trichlorofluoromethane			40.0	38.3		ug/Kg		96	32 - 149	1	39
1,1,2-Trichloro-1,2,2-trifluoroethane			40.0	47.4		ug/Kg		119	59 - 135	2	28
Vinyl chloride			40.0	33.3		ug/Kg		83	64 - 134	2	23
Xylenes, Total			80.0	72.5		ug/Kg		91	78 - 118	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*
Dibromofluoromethane (Surr)	*103*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 135*
Toluene-d8 (Surr)	*98*		*67 - 134*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-432790/1-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432790

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Acenaphthylene	ND		67	15	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Acetophenone	ND		670	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432790/1-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432790

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		67	17	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Atrazine	ND		670	150	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Benzaldehyde	ND		670	41	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Benzo[a]anthracene	ND		67	30	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Benzo[a]pyrene	ND		67	29	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
1,1'-Biphenyl	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Bis(2-chloroethyl)ether	ND		67	12	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Butyl benzyl phthalate	ND		330	230	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Caprolactam	ND		1700	220	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Carbazole	ND		67	16	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4-Chloroaniline	ND		330	88	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2-Chloronaphthalene	ND		67	15	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2-Chlorophenol	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Chrysene	ND		67	37	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Dibenzofuran	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,4-Dichlorophenol	ND		67	26	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Diethyl phthalate	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Dimethyl phthalate	ND		330	130	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Di-n-butyl phthalate	ND		330	150	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
1,4-Dioxane	ND		670	100	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Fluoranthene	ND		67	18	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Fluorene	ND		67	13	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Hexachlorobenzene	ND		67	24	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Hexachlorobutadiene	ND		67	20	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Hexachlorocyclopentadiene	ND		330	34	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Hexachloroethane	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Isophorone	ND		330	130	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2-Methylnaphthalene	ND		67	16	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2-Methylphenol	ND		330	96	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Naphthalene	ND		67	13	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2-Nitroaniline	ND		1700	150	ug/Kg		04/19/23 11:35	04/20/23 08:03	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432790/1-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432790

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		1700	85	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4-Nitroaniline	ND		1700	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Nitrobenzene	ND		670	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2-Nitrophenol	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
4-Nitrophenol	ND		1700	230	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Pentachlorophenol	ND		1700	540	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Phenanthrene	ND		67	18	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Phenol	ND		330	100	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
Pyrene	ND		67	16	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		04/19/23 11:35	04/20/23 08:03	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		04/19/23 11:35	04/20/23 08:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*04/19/23 11:35*	*04/20/23 08:03*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*04/19/23 11:35*	*04/20/23 08:03*	*1*
Nitrobenzene-d5 (Surr)	*82*		*46 - 105*	*04/19/23 11:35*	*04/20/23 08:03*	*1*
Phenol-d5 (Surr)	*72*		*46 - 105*	*04/19/23 11:35*	*04/20/23 08:03*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*04/19/23 11:35*	*04/20/23 08:03*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*34 - 108*	*04/19/23 11:35*	*04/20/23 08:03*	*1*

Lab Sample ID: LCS 180-432790/2-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432790

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	5270		ug/Kg		79	50 - 100
Acenaphthylene	6670	5300		ug/Kg		80	52 - 100
Acetophenone	6670	5050		ug/Kg		76	48 - 100
Anthracene	6670	5130		ug/Kg		77	53 - 100
Atrazine	6670	5350		ug/Kg		80	49 - 103
Benzaldehyde	6670	4360		ug/Kg		65	23 - 105
Benzo[a]anthracene	6670	5220		ug/Kg		78	51 - 100
Benzo[a]pyrene	6670	5260		ug/Kg		79	51 - 100
Benzo[b]fluoranthene	6670	5250		ug/Kg		79	48 - 100
Benzo[g,h,i]perylene	6670	5050		ug/Kg		76	48 - 105
Benzo[k]fluoranthene	6670	4930		ug/Kg		74	19 - 100
1,1'-Biphenyl	6670	5320		ug/Kg		80	50 - 100
Bis(2-chloroethoxy)methane	6670	4620		ug/Kg		69	49 - 100
Bis(2-chloroethyl)ether	6670	5300		ug/Kg		80	48 - 100
Bis(2-ethylhexyl) phthalate	6670	5190		ug/Kg		78	53 - 107
4-Bromophenyl phenyl ether	6670	5530		ug/Kg		83	52 - 101
Butyl benzyl phthalate	6670	5630		ug/Kg		84	52 - 107
Caprolactam	6670	6110		ug/Kg		92	48 - 111

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432790/2-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432790

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbazole	6670	5010		ug/Kg		75	53 - 100
4-Chloroaniline	6670	5060		ug/Kg		76	47 - 100
4-Chloro-3-methylphenol	6670	5720		ug/Kg		86	49 - 106
2-Chloronaphthalene	6670	4860		ug/Kg		73	51 - 100
2-Chlorophenol	6670	5050		ug/Kg		76	51 - 100
4-Chlorophenyl phenyl ether	6670	5520		ug/Kg		83	52 - 100
Chrysene	6670	4940		ug/Kg		74	50 - 100
Dibenz(a,h)anthracene	6670	5090		ug/Kg		76	50 - 107
Dibenzofuran	6670	5010		ug/Kg		75	52 - 100
3,3'-Dichlorobenzidine	6670	4980		ug/Kg		75	43 - 100
2,4-Dichlorophenol	6670	5750		ug/Kg		86	53 - 101
Diethyl phthalate	6670	5020		ug/Kg		75	48 - 104
2,4-Dimethylphenol	6670	5530		ug/Kg		83	51 - 101
Dimethyl phthalate	6670	5450		ug/Kg		82	53 - 100
Di-n-butyl phthalate	6670	5360		ug/Kg		80	57 - 102
4,6-Dinitro-2-methylphenol	13300	13000		ug/Kg		98	51 - 100
2,4-Dinitrophenol	13300	12500		ug/Kg		93	33 - 101
2,4-Dinitrotoluene	6670	5740		ug/Kg		86	54 - 104
2,6-Dinitrotoluene	6670	5550		ug/Kg		83	51 - 106
Di-n-octyl phthalate	6670	5430		ug/Kg		81	41 - 106
1,4-Dioxane	6670	5310		ug/Kg		80	25 - 125
Fluoranthene	6670	5380		ug/Kg		81	55 - 100
Fluorene	6670	5130		ug/Kg		77	52 - 100
Hexachlorobenzene	6670	5160		ug/Kg		77	49 - 100
Hexachlorobutadiene	6670	5180		ug/Kg		78	38 - 107
Hexachlorocyclopentadiene	6670	5860		ug/Kg		88	33 - 117
Hexachloroethane	6670	5070		ug/Kg		76	47 - 100
Indeno[1,2,3-cd]pyrene	6670	5130		ug/Kg		77	51 - 103
Isophorone	6670	6000		ug/Kg		90	48 - 105
2-Methylnaphthalene	6670	5180		ug/Kg		78	53 - 100
2-Methylphenol	6670	5330		ug/Kg		80	50 - 101
Methylphenol, 3 & 4	6670	5540		ug/Kg		83	50 - 103
Naphthalene	6670	5080		ug/Kg		76	51 - 100
2-Nitroaniline	6670	6170		ug/Kg		92	42 - 123
3-Nitroaniline	6670	5550		ug/Kg		83	50 - 103
4-Nitroaniline	6670	5350		ug/Kg		80	52 - 103
Nitrobenzene	6670	5880		ug/Kg		88	44 - 108
2-Nitrophenol	6670	6070		ug/Kg		91	55 - 107
4-Nitrophenol	13300	10000		ug/Kg		75	30 - 134
N-Nitrosodi-n-propylamine	6670	5690		ug/Kg		85	45 - 107
N-Nitrosodiphenylamine	6670	5580		ug/Kg		84	52 - 100
2,2'-oxybis[1-chloropropane]	6670	5280		ug/Kg		79	30 - 113
Pentachlorophenol	13300	11200		ug/Kg		84	42 - 110
Phenanthrene	6670	4950		ug/Kg		74	53 - 100
Phenol	6670	5430		ug/Kg		81	49 - 100
Pyrene	6670	5560		ug/Kg		83	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	5540		ug/Kg		83	41 - 104
2,3,4,6-Tetrachlorophenol	6670	5710		ug/Kg		86	47 - 104
2,4,5-Trichlorophenol	6670	5810		ug/Kg		87	50 - 104

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432790/2-A
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432790

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4,6-Trichlorophenol			6670	6000		ug/Kg		90	50 - 105		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*76*		*44 - 105*
2-Fluorophenol (Surr)	*82*		*48 - 105*
Nitrobenzene-d5 (Surr)	*87*		*46 - 105*
Phenol-d5 (Surr)	*85*		*46 - 105*
Terphenyl-d14 (Surr)	*83*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*78*		*34 - 108*

Lab Sample ID: 180-154918-2 MS
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432790

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene	ND		8630	5910		ug/Kg	☼	69	50 - 100		
Acenaphthylene	410		8630	6440		ug/Kg	☼	70	52 - 100		
Acetophenone	ND		8630	5810		ug/Kg	☼	67	48 - 100		
Anthracene	200		8630	6210		ug/Kg	☼	70	53 - 100		
Atrazine	ND		8630	6240		ug/Kg	☼	72	49 - 103		
Benzaldehyde	ND		8630	4890		ug/Kg	☼	57	23 - 105		
Benzo[a]anthracene	700		8630	6910		ug/Kg	☼	72	51 - 100		
Benzo[a]pyrene	760		8630	6540		ug/Kg	☼	67	51 - 100		
Benzo[b]fluoranthene	1000		8630	7150		ug/Kg	☼	71	48 - 100		
Benzo[g,h,i]perylene	550		8630	6550		ug/Kg	☼	70	48 - 105		
Benzo[k]fluoranthene	420		8630	5630		ug/Kg	☼	60	19 - 100		
1,1'-Biphenyl	ND		8630	5850		ug/Kg	☼	68	50 - 100		
Bis(2-chloroethoxy)methane	ND		8630	5070		ug/Kg	☼	59	49 - 100		
Bis(2-chloroethyl)ether	ND		8630	6000		ug/Kg	☼	70	48 - 100		
Bis(2-ethylhexyl) phthalate	ND		8630	6570		ug/Kg	☼	76	53 - 107		
4-Bromophenyl phenyl ether	ND		8630	6300		ug/Kg	☼	73	52 - 101		
Butyl benzyl phthalate	ND		8630	6330		ug/Kg	☼	73	52 - 107		
Caprolactam	ND		8630	6530		ug/Kg	☼	76	48 - 111		
Carbazole	61	J	8630	5770		ug/Kg	☼	66	53 - 100		
4-Chloroaniline	ND		8630	4920		ug/Kg	☼	57	47 - 100		
4-Chloro-3-methylphenol	ND		8630	6530		ug/Kg	☼	76	49 - 106		
2-Chloronaphthalene	ND		8630	5450		ug/Kg	☼	63	51 - 100		
2-Chlorophenol	ND		8630	5840		ug/Kg	☼	68	51 - 100		
4-Chlorophenyl phenyl ether	ND		8630	6130		ug/Kg	☼	71	52 - 100		
Chrysene	870		8630	6670		ug/Kg	☼	67	50 - 100		
Dibenz(a,h)anthracene	130		8630	6490		ug/Kg	☼	74	50 - 107		
Dibenzofuran	ND		8630	5710		ug/Kg	☼	66	52 - 100		
3,3'-Dichlorobenzidine	ND		8630	4080		ug/Kg	☼	47	43 - 100		
2,4-Dichlorophenol	ND		8630	6470		ug/Kg	☼	75	53 - 101		
Diethyl phthalate	ND		8630	5730		ug/Kg	☼	66	48 - 104		
2,4-Dimethylphenol	ND		8630	6130		ug/Kg	☼	71	51 - 101		
Dimethyl phthalate	ND		8630	6040		ug/Kg	☼	70	53 - 100		
Di-n-butyl phthalate	ND		8630	6060		ug/Kg	☼	70	57 - 102		

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154918-2 MS
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432790

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	ND		17300	14900		ug/Kg	☼	86	51 - 100
2,4-Dinitrophenol	ND		17300	12900		ug/Kg	☼	75	33 - 101
2,4-Dinitrotoluene	ND		8630	6550		ug/Kg	☼	76	54 - 104
2,6-Dinitrotoluene	ND		8630	6260		ug/Kg	☼	73	51 - 106
Di-n-octyl phthalate	ND		8630	6140		ug/Kg	☼	71	41 - 106
1,4-Dioxane	ND		8630	4580		ug/Kg	☼	53	25 - 125
Fluoranthene	1200		8630	6830		ug/Kg	☼	66	55 - 100
Fluorene	50	J	8630	5810		ug/Kg	☼	67	52 - 100
Hexachlorobenzene	ND		8630	6080		ug/Kg	☼	70	49 - 100
Hexachlorobutadiene	ND		8630	5830		ug/Kg	☼	68	38 - 107
Hexachlorocyclopentadiene	ND		8630	6040		ug/Kg	☼	70	33 - 117
Hexachloroethane	ND		8630	5540		ug/Kg	☼	64	47 - 100
Indeno[1,2,3-cd]pyrene	430		8630	6600		ug/Kg	☼	72	51 - 103
Isophorone	ND		8630	6490		ug/Kg	☼	75	48 - 105
2-Methylnaphthalene	64	J	8630	5930		ug/Kg	☼	68	53 - 100
2-Methylphenol	ND		8630	6200		ug/Kg	☼	72	50 - 101
Methylphenol, 3 & 4	ND		8630	6280		ug/Kg	☼	73	50 - 103
Naphthalene	78	J	8630	5660		ug/Kg	☼	65	51 - 100
2-Nitroaniline	ND		8630	6650		ug/Kg	☼	77	42 - 123
3-Nitroaniline	ND		8630	5660		ug/Kg	☼	66	50 - 103
4-Nitroaniline	ND		8630	5300		ug/Kg	☼	61	52 - 103
Nitrobenzene	ND		8630	6340		ug/Kg	☼	73	44 - 108
2-Nitrophenol	ND		8630	6740		ug/Kg	☼	78	55 - 107
4-Nitrophenol	ND		17300	11100		ug/Kg	☼	65	30 - 134
N-Nitrosodi-n-propylamine	ND		8630	6570		ug/Kg	☼	76	45 - 107
N-Nitrosodiphenylamine	ND		8630	6430		ug/Kg	☼	75	52 - 100
2,2'-oxybis[1-chloropropane]	ND		8630	5760		ug/Kg	☼	67	30 - 113
Pentachlorophenol	ND		17300	12200		ug/Kg	☼	71	42 - 110
Phenanthrene	470		8630	6140		ug/Kg	☼	66	53 - 100
Phenol	ND		8630	6180		ug/Kg	☼	72	49 - 100
Pyrene	1300		8630	7620		ug/Kg	☼	73	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		8630	6060		ug/Kg	☼	70	41 - 104
2,3,4,6-Tetrachlorophenol	ND		8630	6270		ug/Kg	☼	73	47 - 104
2,4,5-Trichlorophenol	ND		8630	6450		ug/Kg	☼	75	50 - 104
2,4,6-Trichlorophenol	ND		8630	6940		ug/Kg	☼	80	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*65*		*44 - 105*
2-Fluorophenol (Surr)	*72*		*48 - 105*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*
Phenol-d5 (Surr)	*77*		*46 - 105*
Terphenyl-d14 (Surr)	*74*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*71*		*34 - 108*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154918-2 MSD
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432790

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		8630	5730		ug/Kg	☼	66	50 - 100	3	20
Acenaphthylene	410		8630	6250		ug/Kg	☼	68	52 - 100	3	20
Acetophenone	ND		8630	5420		ug/Kg	☼	63	48 - 100	7	17
Anthracene	200		8630	5900		ug/Kg	☼	66	53 - 100	5	20
Atrazine	ND		8630	6170		ug/Kg	☼	71	49 - 103	1	19
Benzaldehyde	ND		8630	5050		ug/Kg	☼	58	23 - 105	3	31
Benzo[a]anthracene	700		8630	6680		ug/Kg	☼	69	51 - 100	3	21
Benzo[a]pyrene	760		8630	6510		ug/Kg	☼	67	51 - 100	1	20
Benzo[b]fluoranthene	1000		8630	6660		ug/Kg	☼	65	48 - 100	7	20
Benzo[g,h,i]perylene	550		8630	6340		ug/Kg	☼	67	48 - 105	3	19
Benzo[k]fluoranthene	420		8630	5650		ug/Kg	☼	61	19 - 100	0	20
1,1'-Biphenyl	ND		8630	5650		ug/Kg	☼	65	50 - 100	3	19
Bis(2-chloroethoxy)methane	ND		8630	4770		ug/Kg	☼	55	49 - 100	6	20
Bis(2-chloroethyl)ether	ND		8630	5760		ug/Kg	☼	67	48 - 100	4	18
Bis(2-ethylhexyl) phthalate	ND		8630	6320		ug/Kg	☼	73	53 - 107	4	20
4-Bromophenyl phenyl ether	ND		8630	6100		ug/Kg	☼	71	52 - 101	3	20
Butyl benzyl phthalate	ND		8630	6260		ug/Kg	☼	73	52 - 107	1	19
Caprolactam	ND		8630	6460		ug/Kg	☼	75	48 - 111	1	23
Carbazole	61	J	8630	5560		ug/Kg	☼	64	53 - 100	4	20
4-Chloroaniline	ND		8630	4730		ug/Kg	☼	55	47 - 100	4	20
4-Chloro-3-methylphenol	ND		8630	6260		ug/Kg	☼	73	49 - 106	4	20
2-Chloronaphthalene	ND		8630	5260		ug/Kg	☼	61	51 - 100	4	20
2-Chlorophenol	ND		8630	5400		ug/Kg	☼	63	51 - 100	8	17
4-Chlorophenyl phenyl ether	ND		8630	5770		ug/Kg	☼	67	52 - 100	6	19
Chrysene	870		8630	6380		ug/Kg	☼	64	50 - 100	4	20
Dibenz(a,h)anthracene	130		8630	6420		ug/Kg	☼	73	50 - 107	1	21
Dibenzofuran	ND		8630	5530		ug/Kg	☼	64	52 - 100	3	19
3,3'-Dichlorobenzidine	ND		8630	4220		ug/Kg	☼	49	43 - 100	4	19
2,4-Dichlorophenol	ND		8630	6220		ug/Kg	☼	72	53 - 101	4	22
Diethyl phthalate	ND		8630	5410		ug/Kg	☼	63	48 - 104	6	20
2,4-Dimethylphenol	ND		8630	5800		ug/Kg	☼	67	51 - 101	5	32
Dimethyl phthalate	ND		8630	5820		ug/Kg	☼	67	53 - 100	4	21
Di-n-butyl phthalate	ND		8630	5880		ug/Kg	☼	68	57 - 102	3	20
4,6-Dinitro-2-methylphenol	ND		17300	14400		ug/Kg	☼	83	51 - 100	3	22
2,4-Dinitrophenol	ND		17300	12500		ug/Kg	☼	73	33 - 101	3	20
2,4-Dinitrotoluene	ND		8630	6320		ug/Kg	☼	73	54 - 104	4	20
2,6-Dinitrotoluene	ND		8630	6220		ug/Kg	☼	72	51 - 106	1	20
Di-n-octyl phthalate	ND		8630	5910		ug/Kg	☼	68	41 - 106	4	18
1,4-Dioxane	ND		8630	4490		ug/Kg	☼	52	25 - 125	2	17
Fluoranthene	1200		8630	6540		ug/Kg	☼	62	55 - 100	4	20
Fluorene	50	J	8630	5640		ug/Kg	☼	65	52 - 100	3	19
Hexachlorobenzene	ND		8630	5700		ug/Kg	☼	66	49 - 100	6	20
Hexachlorobutadiene	ND		8630	5420		ug/Kg	☼	63	38 - 107	7	22
Hexachlorocyclopentadiene	ND		8630	5510		ug/Kg	☼	64	33 - 117	9	19
Hexachloroethane	ND		8630	5240		ug/Kg	☼	61	47 - 100	6	17
Indeno[1,2,3-cd]pyrene	430		8630	6440		ug/Kg	☼	70	51 - 103	2	19
Isophorone	ND		8630	6410		ug/Kg	☼	74	48 - 105	1	20
2-Methylnaphthalene	64	J	8630	5670		ug/Kg	☼	65	53 - 100	4	21

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154918-2 MSD
Matrix: Solid
Analysis Batch: 432846

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432790

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylphenol	ND		8630	5830		ug/Kg	☼	68	50 - 101	6	17
Methylphenol, 3 & 4	ND		8630	5960		ug/Kg	☼	69	50 - 103	5	19
Naphthalene	78	J	8630	5430		ug/Kg	☼	62	51 - 100	4	20
2-Nitroaniline	ND		8630	6430		ug/Kg	☼	75	42 - 123	3	19
3-Nitroaniline	ND		8630	5390		ug/Kg	☼	62	50 - 103	5	20
4-Nitroaniline	ND		8630	5020		ug/Kg	☼	58	52 - 103	5	18
Nitrobenzene	ND		8630	6160		ug/Kg	☼	71	44 - 108	3	21
2-Nitrophenol	ND		8630	6520		ug/Kg	☼	76	55 - 107	3	19
4-Nitrophenol	ND		17300	10500		ug/Kg	☼	61	30 - 134	6	18
N-Nitrosodi-n-propylamine	ND		8630	6280		ug/Kg	☼	73	45 - 107	5	18
N-Nitrosodiphenylamine	ND		8630	6120		ug/Kg	☼	71	52 - 100	5	20
2,2'-oxybis[1-chloropropane]	ND		8630	5620		ug/Kg	☼	65	30 - 113	2	17
Pentachlorophenol	ND		17300	11900		ug/Kg	☼	69	42 - 110	3	20
Phenanthrene	470		8630	5970		ug/Kg	☼	64	53 - 100	3	20
Phenol	ND		8630	5870		ug/Kg	☼	68	49 - 100	5	16
Pyrene	1300		8630	7520		ug/Kg	☼	72	52 - 100	1	20
1,2,4,5-Tetrachlorobenzene	ND		8630	5720		ug/Kg	☼	66	41 - 104	6	21
2,3,4,6-Tetrachlorophenol	ND		8630	6100		ug/Kg	☼	71	47 - 104	3	18
2,4,5-Trichlorophenol	ND		8630	6210		ug/Kg	☼	72	50 - 104	4	21
2,4,6-Trichlorophenol	ND		8630	6560		ug/Kg	☼	76	50 - 105	6	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*63*		*44 - 105*
2-Fluorophenol (Surr)	*67*		*48 - 105*
Nitrobenzene-d5 (Surr)	*73*		*46 - 105*
Phenol-d5 (Surr)	*71*		*46 - 105*
Terphenyl-d14 (Surr)	*71*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*71*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-432521/1-C
Matrix: Solid
Analysis Batch: 432840

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432521

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		04/17/23 11:31	04/20/23 14:42	1
PCB-1221	ND		17	5.9	ug/Kg		04/17/23 11:31	04/20/23 14:42	1
PCB-1232	ND		17	4.1	ug/Kg		04/17/23 11:31	04/20/23 14:42	1
PCB-1242	ND		17	2.4	ug/Kg		04/17/23 11:31	04/20/23 14:42	1
PCB-1248	ND		17	4.0	ug/Kg		04/17/23 11:31	04/20/23 14:42	1
PCB-1254	ND		17	5.0	ug/Kg		04/17/23 11:31	04/20/23 14:42	1
PCB-1260	ND		17	4.7	ug/Kg		04/17/23 11:31	04/20/23 14:42	1
PCB-1262	ND		17	5.9	ug/Kg		04/17/23 11:31	04/20/23 14:42	1
PCB-1268	ND		17	2.2	ug/Kg		04/17/23 11:31	04/20/23 14:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*105*		*63 - 138*	*04/17/23 11:31*	*04/20/23 14:42*	*1*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 180-432521/1-C
Matrix: Solid
Analysis Batch: 432840

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432521

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	100		63 - 138	04/17/23 11:31	04/20/23 14:42	1
Tetrachloro-m-xylene (Surr)	91		55 - 135	04/17/23 11:31	04/20/23 14:42	1
Tetrachloro-m-xylene (Surr)	95		55 - 135	04/17/23 11:31	04/20/23 14:42	1

Lab Sample ID: LCS 180-432521/2-C
Matrix: Solid
Analysis Batch: 432840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432521

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1200		ug/Kg		90	43 - 136		
PCB-1260			1330	1410		ug/Kg		106	55 - 128		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	96		63 - 138
DCB Decachlorobiphenyl (Surr)	90		63 - 138
Tetrachloro-m-xylene (Surr)	85		55 - 135
Tetrachloro-m-xylene (Surr)	90		55 - 135

Lab Sample ID: 180-154918-2 MS
Matrix: Solid
Analysis Batch: 432840

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432521

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1680	1650		ug/Kg	☼	98	43 - 136		
PCB-1260	ND		1680	1910		ug/Kg	☼	114	55 - 128		

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	84		63 - 138
DCB Decachlorobiphenyl (Surr)	86		63 - 138
Tetrachloro-m-xylene (Surr)	93		55 - 135
Tetrachloro-m-xylene (Surr)	95		55 - 135

Lab Sample ID: 180-154918-2 MSD
Matrix: Solid
Analysis Batch: 432840

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432521

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1680	1400		ug/Kg	☼	83	43 - 136	16	40
PCB-1260	ND		1680	1640		ug/Kg	☼	97	55 - 128	16	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	73		63 - 138
DCB Decachlorobiphenyl (Surr)	76		63 - 138
Tetrachloro-m-xylene (Surr)	77		55 - 135
Tetrachloro-m-xylene (Surr)	79		55 - 135

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-432524/1-A
Matrix: Solid
Analysis Batch: 433149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432524

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Antimony	ND		1.0	0.30	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Arsenic	ND		1.0	0.63	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Barium	ND		20	3.6	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Beryllium	ND		0.40	0.11	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Cadmium	ND		0.50	0.073	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Calcium	ND		500	65	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Chromium	ND		0.50	0.46	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Cobalt	ND		5.0	0.70	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Copper	ND		2.5	1.5	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Iron	93.7		10	9.7	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Lead	ND		1.0	0.87	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Magnesium	ND		500	55	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Manganese	ND		1.5	0.28	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Nickel	ND		4.0	0.50	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Potassium	ND		500	85	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Selenium	ND		1.0	0.46	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Silver	ND		0.50	0.10	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Sodium	ND		500	51	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Thallium	ND		2.0	0.28	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Vanadium	ND		5.0	0.79	mg/Kg		04/17/23 12:00	04/21/23 23:22	1
Zinc	3.24		2.0	1.5	mg/Kg		04/17/23 12:00	04/21/23 23:22	1

Lab Sample ID: LCS 180-432524/2-A
Matrix: Solid
Analysis Batch: 433149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432524

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	459		mg/Kg		92	80 - 120
Antimony	25.0	23.8		mg/Kg		95	80 - 120
Arsenic	100	96.9		mg/Kg		97	80 - 120
Barium	100	91.0		mg/Kg		91	80 - 120
Beryllium	50.0	45.4		mg/Kg		91	80 - 120
Cadmium	50.0	47.0		mg/Kg		94	80 - 120
Calcium	2500	2370		mg/Kg		95	80 - 120
Chromium	50.0	45.6		mg/Kg		91	80 - 120
Cobalt	50.0	45.1		mg/Kg		90	80 - 120
Copper	50.0	44.1		mg/Kg		88	80 - 120
Iron	500	482		mg/Kg		96	80 - 120
Lead	50.0	46.0		mg/Kg		92	80 - 120
Magnesium	2500	2390		mg/Kg		96	80 - 120
Manganese	50.0	45.2		mg/Kg		90	80 - 120
Nickel	50.0	45.2		mg/Kg		90	80 - 120
Potassium	2500	2380		mg/Kg		95	80 - 120
Selenium	100	91.5		mg/Kg		91	80 - 120
Silver	25.0	21.6		mg/Kg		86	80 - 120
Sodium	2500	2430		mg/Kg		97	80 - 120
Thallium	100	90.5		mg/Kg		91	80 - 120
Vanadium	50.0	45.7		mg/Kg		91	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-432524/2-A
Matrix: Solid
Analysis Batch: 433149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432524

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	25.0	25.6		mg/Kg		102	80 - 120

Lab Sample ID: 180-154918-2 MS
Matrix: Solid
Analysis Batch: 433149

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432524

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	9400		548	11800	4	mg/Kg	☼	443	75 - 125
Antimony	ND	F1	27.4	8.11	F1	mg/Kg	☼	30	75 - 125
Arsenic	11		110	115		mg/Kg	☼	95	75 - 125
Barium	120		110	232		mg/Kg	☼	100	75 - 125
Beryllium	0.53		54.8	48.4		mg/Kg	☼	87	75 - 125
Cadmium	1.0		54.8	49.8		mg/Kg	☼	89	75 - 125
Calcium	4000		2740	6670		mg/Kg	☼	98	75 - 125
Chromium	14		54.8	64.2		mg/Kg	☼	91	75 - 125
Cobalt	9.6		54.8	65.9		mg/Kg	☼	103	75 - 125
Copper	26		54.8	77.1		mg/Kg	☼	93	75 - 125
Iron	22000	B	548	24200	4	mg/Kg	☼	378	75 - 125
Lead	130	F1	54.8	188		mg/Kg	☼	109	75 - 125
Magnesium	2900		2740	5780		mg/Kg	☼	104	75 - 125
Manganese	580		54.8	696	4	mg/Kg	☼	203	75 - 125
Nickel	25		54.8	82.7		mg/Kg	☼	106	75 - 125
Potassium	2300		2740	5000		mg/Kg	☼	98	75 - 125
Selenium	0.93		110	95.4		mg/Kg	☼	86	75 - 125
Silver	ND		27.4	23.3		mg/Kg	☼	85	75 - 125
Sodium	58	J	2740	2610		mg/Kg	☼	93	75 - 125
Thallium	0.60	J	110	105		mg/Kg	☼	95	75 - 125
Vanadium	15		54.8	65.6		mg/Kg	☼	93	75 - 125
Zinc	270	B	27.4	337	4	mg/Kg	☼	229	75 - 125

Lab Sample ID: 180-154918-2 MSD
Matrix: Solid
Analysis Batch: 433149

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432524

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	9400		498	9960	4	mg/Kg	☼	117	75 - 125	17	20
Antimony	ND	F1	24.9	8.35	F1	mg/Kg	☼	34	75 - 125	3	20
Arsenic	11		99.6	105		mg/Kg	☼	95	75 - 125	9	20
Barium	120		99.6	208		mg/Kg	☼	87	75 - 125	11	20
Beryllium	0.53		49.8	44.7		mg/Kg	☼	89	75 - 125	8	20
Cadmium	1.0		49.8	46.1		mg/Kg	☼	91	75 - 125	8	20
Calcium	4000		2490	6380		mg/Kg	☼	96	75 - 125	5	20
Chromium	14		49.8	57.9		mg/Kg	☼	88	75 - 125	10	20
Cobalt	9.6		49.8	58.4		mg/Kg	☼	98	75 - 125	12	20
Copper	26		49.8	67.6		mg/Kg	☼	83	75 - 125	13	20
Iron	22000	B	498	20600	4	mg/Kg	☼	-310	75 - 125	16	20
Lead	130	F1	49.8	156	F1	mg/Kg	☼	56	75 - 125	19	20
Magnesium	2900		2490	5050		mg/Kg	☼	86	75 - 125	13	20
Manganese	580		49.8	583	4	mg/Kg	☼	-4	75 - 125	18	20

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154918-2 MSD
Matrix: Solid
Analysis Batch: 433149

Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17
Prep Type: Total/NA
Prep Batch: 432524

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nickel	25		49.8	72.1		mg/Kg	☼	96	75 - 125	14	20
Potassium	2300		2490	4420		mg/Kg	☼	85	75 - 125	12	20
Selenium	0.93		99.6	88.4		mg/Kg	☼	88	75 - 125	8	20
Silver	ND		24.9	21.3		mg/Kg	☼	86	75 - 125	9	20
Sodium	58	J	2490	2410		mg/Kg	☼	95	75 - 125	8	20
Thallium	0.60	J	99.6	95.0		mg/Kg	☼	95	75 - 125	10	20
Vanadium	15		49.8	58.9		mg/Kg	☼	89	75 - 125	11	20
Zinc	270	B	24.9	278	4	mg/Kg	☼	13	75 - 125	19	20

Lab Sample ID: MB 180-432763/1-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Antimony	ND		1.0	0.30	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Arsenic	ND		1.0	0.63	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Barium	ND		20	3.6	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Beryllium	ND		0.40	0.11	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Cadmium	ND		0.50	0.073	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Calcium	ND		500	65	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Chromium	ND		0.50	0.46	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Cobalt	ND		5.0	0.70	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Copper	ND		2.5	1.5	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Iron	17.5		10	9.7	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Lead	ND		1.0	0.87	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Magnesium	ND		500	55	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Manganese	ND		1.5	0.28	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Nickel	ND		4.0	0.50	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Potassium	ND		500	85	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Selenium	ND		1.0	0.46	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Silver	ND		0.50	0.10	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Sodium	ND		500	51	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Thallium	ND		2.0	0.28	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Vanadium	ND		5.0	0.79	mg/Kg		04/19/23 09:43	04/30/23 01:54	1
Zinc	3.18		2.0	1.5	mg/Kg		04/19/23 09:43	04/30/23 01:54	1

Lab Sample ID: LCS 180-432763/2-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	451		mg/Kg		90	80 - 120
Antimony	25.0	24.8		mg/Kg		99	80 - 120
Arsenic	100	95.3		mg/Kg		95	80 - 120
Barium	100	90.4		mg/Kg		90	80 - 120
Beryllium	50.0	45.6		mg/Kg		91	80 - 120
Cadmium	50.0	44.8		mg/Kg		90	80 - 120
Calcium	2500	2280		mg/Kg		91	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-432763/2-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	50.0	42.8		mg/Kg		86	80 - 120
Cobalt	50.0	43.7		mg/Kg		87	80 - 120
Copper	50.0	43.1		mg/Kg		86	80 - 120
Iron	500	459		mg/Kg		92	80 - 120
Lead	50.0	42.1		mg/Kg		84	80 - 120
Magnesium	2500	2310		mg/Kg		92	80 - 120
Manganese	50.0	43.2		mg/Kg		86	80 - 120
Nickel	50.0	43.0		mg/Kg		86	80 - 120
Potassium	2500	2230		mg/Kg		89	80 - 120
Selenium	100	89.2		mg/Kg		89	80 - 120
Silver	25.0	21.1		mg/Kg		84	80 - 120
Sodium	2500	2290		mg/Kg		92	80 - 120
Thallium	100	83.0		mg/Kg		83	80 - 120
Vanadium	50.0	41.9		mg/Kg		84	80 - 120
Zinc	25.0	26.1		mg/Kg		105	80 - 120

Lab Sample ID: MB 180-432765/1-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Arsenic	ND		1.0	0.63	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Barium	ND		20	3.6	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Beryllium	ND		0.40	0.11	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Cadmium	ND		0.50	0.073	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Calcium	ND		500	65	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Chromium	ND		0.50	0.46	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Cobalt	ND		5.0	0.70	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Copper	ND		2.5	1.5	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Iron	22.0		10	9.7	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Lead	ND		1.0	0.87	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Magnesium	ND		500	55	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Manganese	ND		1.5	0.28	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Nickel	ND		4.0	0.50	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Potassium	ND		500	85	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Selenium	ND		1.0	0.46	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Silver	ND		0.50	0.10	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Sodium	ND		500	51	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Thallium	ND		2.0	0.28	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Vanadium	ND		5.0	0.79	mg/Kg		04/19/23 09:46	04/25/23 11:43	1
Zinc	3.74		2.0	1.5	mg/Kg		04/19/23 09:46	04/25/23 11:43	1

Lab Sample ID: LCS 180-432765/2-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	461		mg/Kg		92	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-432765/2-A
Matrix: Solid
Analysis Batch: 433389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	93.4		mg/Kg		93	80 - 120
Barium	100	91.9		mg/Kg		92	80 - 120
Beryllium	50.0	46.8		mg/Kg		94	80 - 120
Cadmium	50.0	45.1		mg/Kg		90	80 - 120
Calcium	2500	2310		mg/Kg		92	80 - 120
Chromium	50.0	43.9		mg/Kg		88	80 - 120
Cobalt	50.0	45.5		mg/Kg		91	80 - 120
Copper	50.0	44.0		mg/Kg		88	80 - 120
Iron	500	486		mg/Kg		97	80 - 120
Lead	50.0	45.3		mg/Kg		91	80 - 120
Magnesium	2500	2340		mg/Kg		94	80 - 120
Manganese	50.0	45.1		mg/Kg		90	80 - 120
Nickel	50.0	45.5		mg/Kg		91	80 - 120
Potassium	2500	2300		mg/Kg		92	80 - 120
Selenium	100	91.2		mg/Kg		91	80 - 120
Silver	25.0	21.9		mg/Kg		87	80 - 120
Sodium	2500	2340		mg/Kg		94	80 - 120
Thallium	100	89.6		mg/Kg		90	80 - 120
Vanadium	50.0	44.4		mg/Kg		89	80 - 120
Zinc	25.0	24.8		mg/Kg		99	80 - 120

Lab Sample ID: MB 180-432889/1-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Antimony	ND		1.0	0.30	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Arsenic	ND		1.0	0.63	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Barium	ND		20	3.6	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Beryllium	ND		0.40	0.11	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Cadmium	ND		0.50	0.073	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Calcium	ND		500	65	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Chromium	ND		0.50	0.46	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Cobalt	ND		5.0	0.70	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Copper	ND		2.5	1.5	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Iron	ND		10	9.7	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Lead	ND		1.0	0.87	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Magnesium	ND		500	55	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Manganese	ND		1.5	0.28	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Nickel	ND		4.0	0.50	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Potassium	ND		500	85	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Selenium	ND		1.0	0.46	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Silver	ND		0.50	0.10	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Sodium	ND		500	51	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Thallium	ND		2.0	0.28	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Vanadium	ND		5.0	0.79	mg/Kg		04/20/23 10:14	04/30/23 04:39	1
Zinc	ND		2.0	1.5	mg/Kg		04/20/23 10:14	04/30/23 04:39	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-432889/2-A
Matrix: Solid
Analysis Batch: 433862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	502		mg/Kg		100	80 - 120
Antimony	25.0	26.3		mg/Kg		105	80 - 120
Arsenic	100	108		mg/Kg		108	80 - 120
Barium	100	101		mg/Kg		101	80 - 120
Beryllium	50.0	50.7		mg/Kg		101	80 - 120
Cadmium	50.0	50.1		mg/Kg		100	80 - 120
Calcium	2500	2550		mg/Kg		102	80 - 120
Chromium	50.0	48.5		mg/Kg		97	80 - 120
Cobalt	50.0	48.7		mg/Kg		97	80 - 120
Copper	50.0	48.8		mg/Kg		98	80 - 120
Iron	500	510		mg/Kg		102	80 - 120
Lead	50.0	46.4		mg/Kg		93	80 - 120
Magnesium	2500	2560		mg/Kg		102	80 - 120
Manganese	50.0	48.1		mg/Kg		96	80 - 120
Nickel	50.0	47.9		mg/Kg		96	80 - 120
Potassium	2500	2540		mg/Kg		102	80 - 120
Selenium	100	99.9		mg/Kg		100	80 - 120
Silver	25.0	23.7		mg/Kg		95	80 - 120
Sodium	2500	2580		mg/Kg		103	80 - 120
Thallium	100	91.3		mg/Kg		91	80 - 120
Vanadium	50.0	47.3		mg/Kg		95	80 - 120
Zinc	25.0	27.4		mg/Kg		110	80 - 120

Lab Sample ID: MB 180-433883/1-A
Matrix: Solid
Analysis Batch: 434075

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433883

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.30	mg/Kg		05/01/23 11:30	05/02/23 09:26	1

Lab Sample ID: LCS 180-433883/2-A
Matrix: Solid
Analysis Batch: 434075

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433883

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	25.0	23.5		mg/Kg		94	80 - 120

Lab Sample ID: MB 180-434814/1-A
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 434814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Antimony	ND		1.0	0.30	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Arsenic	ND		1.0	0.63	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Barium	ND		20	3.6	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Beryllium	ND		0.40	0.11	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Cadmium	ND		0.50	0.073	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Calcium	ND		500	65	mg/Kg		05/10/23 14:21	05/15/23 11:09	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 180-434814/1-A
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 434814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.50	0.46	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Cobalt	ND		5.0	0.70	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Copper	ND		2.5	1.5	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Iron	ND		10	9.7	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Lead	ND		1.0	0.87	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Magnesium	ND		500	55	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Manganese	ND		1.5	0.28	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Nickel	ND		4.0	0.50	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Potassium	183	J	500	85	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Selenium	ND		1.0	0.46	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Silver	ND		0.50	0.10	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Sodium	ND		500	51	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Thallium	ND		2.0	0.28	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Vanadium	ND		5.0	0.79	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Zinc	1.56	J	2.0	1.5	mg/Kg		05/10/23 14:21	05/15/23 11:09	1

Lab Sample ID: LCS 180-434814/2-A
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 434814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	512		mg/Kg		102	80 - 120
Antimony	25.0	25.6		mg/Kg		102	80 - 120
Arsenic	100	101		mg/Kg		101	80 - 120
Barium	100	102		mg/Kg		102	80 - 120
Beryllium	50.0	51.2		mg/Kg		102	80 - 120
Cadmium	50.0	50.3		mg/Kg		101	80 - 120
Calcium	2500	2580		mg/Kg		103	80 - 120
Chromium	50.0	50.0		mg/Kg		100	80 - 120
Cobalt	50.0	49.9		mg/Kg		100	80 - 120
Copper	50.0	50.9		mg/Kg		102	80 - 120
Iron	500	522		mg/Kg		104	80 - 120
Lead	50.0	49.5		mg/Kg		99	80 - 120
Magnesium	2500	2540		mg/Kg		102	80 - 120
Manganese	50.0	49.5		mg/Kg		99	80 - 120
Nickel	50.0	50.0		mg/Kg		100	80 - 120
Potassium	2500	2600		mg/Kg		104	80 - 120
Selenium	100	102		mg/Kg		102	80 - 120
Silver	25.0	24.3		mg/Kg		97	80 - 120
Sodium	2500	2610		mg/Kg		104	80 - 120
Thallium	100	98.1		mg/Kg		98	80 - 120
Vanadium	50.0	50.1		mg/Kg		100	80 - 120
Zinc	25.0	28.3		mg/Kg		113	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154918-19 MS
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: SSHS-IRM5A2-SCV81-0.17-0.83
Prep Type: Total/NA
Prep Batch: 434814

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8000		396	8840	4	mg/Kg	☼	207	75 - 125
Antimony	0.77	J F1	19.8	9.06	F1	mg/Kg	☼	42	75 - 125
Arsenic	11		79.2	81.5		mg/Kg	☼	89	75 - 125
Barium	140		79.2	206		mg/Kg	☼	83	75 - 125
Beryllium	0.47		39.6	35.7		mg/Kg	☼	89	75 - 125
Cadmium	2.1		39.6	36.3		mg/Kg	☼	86	75 - 125
Calcium	2900		1980	4760		mg/Kg	☼	94	75 - 125
Chromium	15		39.6	47.2		mg/Kg	☼	82	75 - 125
Cobalt	6.7		39.6	43.4		mg/Kg	☼	93	75 - 125
Copper	32		39.6	69.8		mg/Kg	☼	94	75 - 125
Iron	21000		396	20800	4	mg/Kg	☼	-40	75 - 125
Lead	310	F2	39.6	659	4	mg/Kg	☼	891	75 - 125
Magnesium	1600		1980	3230		mg/Kg	☼	82	75 - 125
Manganese	440		39.6	483	4	mg/Kg	☼	119	75 - 125
Nickel	20		39.6	52.3		mg/Kg	☼	83	75 - 125
Potassium	780	B	1980	2460		mg/Kg	☼	85	75 - 125
Selenium	1.2		79.2	72.1		mg/Kg	☼	90	75 - 125
Silver	ND		19.8	17.3		mg/Kg	☼	87	75 - 125
Sodium	78	J	1980	1920		mg/Kg	☼	93	75 - 125
Thallium	0.97	J	79.2	68.8		mg/Kg	☼	86	75 - 125
Vanadium	19		39.6	53.7		mg/Kg	☼	89	75 - 125
Zinc	650	B	19.8	655	4	mg/Kg	☼	32	75 - 125

Lab Sample ID: 180-154918-19 MSD
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: SSHS-IRM5A2-SCV81-0.17-0.83
Prep Type: Total/NA
Prep Batch: 434814

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	8000		396	8420	4	mg/Kg	☼	102	75 - 125	5	20
Antimony	0.77	J F1	19.8	8.80	F1	mg/Kg	☼	41	75 - 125	3	20
Arsenic	11		79.2	77.6		mg/Kg	☼	84	75 - 125	5	20
Barium	140		79.2	215		mg/Kg	☼	95	75 - 125	5	20
Beryllium	0.47		39.6	34.9		mg/Kg	☼	87	75 - 125	2	20
Cadmium	2.1		39.6	35.4		mg/Kg	☼	84	75 - 125	2	20
Calcium	2900		1980	5300		mg/Kg	☼	122	75 - 125	11	20
Chromium	15		39.6	46.5		mg/Kg	☼	80	75 - 125	2	20
Cobalt	6.7		39.6	42.7		mg/Kg	☼	91	75 - 125	2	20
Copper	32		39.6	65.5		mg/Kg	☼	84	75 - 125	6	20
Iron	21000		396	17100	4	mg/Kg	☼	-975	75 - 125	20	20
Lead	310	F2	39.6	318	4 F2	mg/Kg	☼	29	75 - 125	70	20
Magnesium	1600		1980	3350		mg/Kg	☼	89	75 - 125	4	20
Manganese	440		39.6	514	4	mg/Kg	☼	197	75 - 125	6	20
Nickel	20		39.6	51.3		mg/Kg	☼	80	75 - 125	2	20
Potassium	780	B	1980	2440		mg/Kg	☼	84	75 - 125	1	20
Selenium	1.2		79.2	71.0		mg/Kg	☼	88	75 - 125	2	20
Silver	ND		19.8	17.1		mg/Kg	☼	86	75 - 125	1	20
Sodium	78	J	1980	1880		mg/Kg	☼	91	75 - 125	2	20
Thallium	0.97	J	79.2	68.9		mg/Kg	☼	86	75 - 125	0	20
Vanadium	19		39.6	49.8		mg/Kg	☼	79	75 - 125	7	20

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154918-19 MSD — **Client Sample ID: SSHS-IRM5A2-SCV81-0.17-0.83**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 435239 — **Prep Batch: 434814**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	650	B	19.8	653	4	mg/Kg	☼	23	75 - 125	0	20

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 180-433813/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 434050 — **Prep Batch: 433813**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.033	0.021	mg/Kg		05/01/23 08:30	05/02/23 12:30	1

Lab Sample ID: LCS 180-433813/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 434050 — **Prep Batch: 433813**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.417	0.411		mg/Kg		99	80 - 120

Lab Sample ID: 180-154918-2 MS — **Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 434050 — **Prep Batch: 433813**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.087		0.199	0.275		mg/Kg	☼	95	80 - 120

Lab Sample ID: 180-154918-2 MSD — **Client Sample ID: SSHS-IRM5A2-SCV73-0-0.17**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 434050 — **Prep Batch: 433813**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.087		0.209	0.303		mg/Kg	☼	104	80 - 120	10	20

GC/MS VOA

Analysis Batch: 432856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	EPA 8260C	432910
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 8260C	432910
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	EPA 8260C	432910
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	EPA 8260C	432910
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	EPA 8260C	432910
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	EPA 8260C	432910
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	EPA 8260C	432910
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	EPA 8260C	432910
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	EPA 8260C	432910
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	EPA 8260C	432910
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	EPA 8260C	432910
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	EPA 8260C	432910
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	EPA 8260C	432910
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	EPA 8260C	432910
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	EPA 8260C	432910
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	EPA 8260C	432910
MB 180-432856/7	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-432856/3	Lab Control Sample	Total/NA	Solid	EPA 8260C	
LCSD 180-432856/4	Lab Control Sample Dup	Total/NA	Solid	EPA 8260C	
180-154918-2 MS	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 8260C	432910
180-154918-2 MSD	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 8260C	432910

Prep Batch: 432910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	5035	
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	5035	
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	5035	
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	5035	
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	5035	
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	5035	
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	5035	
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	5035	
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	5035	
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	5035	
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	5035	
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	5035	
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	5035	
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	5035	
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	5035	
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	5035	
180-154918-2 MS	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	5035	
180-154918-2 MSD	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	5035	

Analysis Batch: 432979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	EPA 8260C	433069
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	EPA 8260C	433069
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	EPA 8260C	433069
MB 180-432979/7	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-432979/3	Lab Control Sample	Total/NA	Solid	EPA 8260C	
LCSD 180-432979/4	Lab Control Sample Dup	Total/NA	Solid	EPA 8260C	

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154918-1
Project/Site: Former Sperry Remington-SCV

GC/MS VOA

Prep Batch: 433069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	5035	
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	5035	
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 432790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	3541	
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3541	
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	3541	
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	3541	
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	3541	
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	3541	
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	3541	
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	3541	
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	3541	
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	3541	
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	3541	
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	3541	
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	3541	
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	3541	
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	3541	
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	3541	
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	3541	
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	3541	
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	3541	
MB 180-432790/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-432790/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-154918-2 MS	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3541	
180-154918-2 MSD	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3541	

Analysis Batch: 432846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	EPA 8270D	432790
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 8270D	432790
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	EPA 8270D	432790
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	EPA 8270D	432790
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	EPA 8270D	432790
MB 180-432790/1-A	Method Blank	Total/NA	Solid	EPA 8270D	432790
LCS 180-432790/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	432790
180-154918-2 MS	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 8270D	432790
180-154918-2 MSD	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 8270D	432790

Analysis Batch: 432969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	EPA 8270D	432790
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	EPA 8270D	432790
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	EPA 8270D	432790
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	EPA 8270D	432790
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	EPA 8270D	432790

GC/MS Semi VOA (Continued)

Analysis Batch: 432969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	EPA 8270D	432790
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	EPA 8270D	432790
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	EPA 8270D	432790
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	EPA 8270D	432790
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	EPA 8270D	432790
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	EPA 8270D	432790

Analysis Batch: 433019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	EPA 8270D	432790
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	EPA 8270D	432790

Analysis Batch: 433093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	EPA 8270D	432790

GC Semi VOA

Prep Batch: 432521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	3541	
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3541	
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	3541	
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	3541	
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	3541	
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	3541	
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	3541	
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	3541	
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	3541	
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	3541	
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	3541	
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	3541	
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	3541	
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	3541	
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	3541	
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	3541	
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	3541	
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	3541	
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	3541	
MB 180-432521/1-C	Method Blank	Total/NA	Solid	3541	
LCS 180-432521/2-C	Lab Control Sample	Total/NA	Solid	3541	
180-154918-2 MS	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3541	
180-154918-2 MSD	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3541	

Cleanup Batch: 432561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	3665A	432521
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3665A	432521
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	3665A	432521
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	3665A	432521
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	3665A	432521

GC Semi VOA (Continued)

Cleanup Batch: 432561 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	3665A	432521
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	3665A	432521
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	3665A	432521
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	3665A	432521
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	3665A	432521
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	3665A	432521
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	3665A	432521
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	3665A	432521
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	3665A	432521
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	3665A	432521
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	3665A	432521
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	3665A	432521
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	3665A	432521
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	3665A	432521
MB 180-432521/1-C	Method Blank	Total/NA	Solid	3665A	432521
LCS 180-432521/2-C	Lab Control Sample	Total/NA	Solid	3665A	432521
180-154918-2 MS	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3665A	432521
180-154918-2 MSD	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3665A	432521

Cleanup Batch: 432562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	3660B	432561
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3660B	432561
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	3660B	432561
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	3660B	432561
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	3660B	432561
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	3660B	432561
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	3660B	432561
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	3660B	432561
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	3660B	432561
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	3660B	432561
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	3660B	432561
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	3660B	432561
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	3660B	432561
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	3660B	432561
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	3660B	432561
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	3660B	432561
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	3660B	432561
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	3660B	432561
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	3660B	432561
MB 180-432521/1-C	Method Blank	Total/NA	Solid	3660B	432561
LCS 180-432521/2-C	Lab Control Sample	Total/NA	Solid	3660B	432561
180-154918-2 MS	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3660B	432561
180-154918-2 MSD	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3660B	432561

Analysis Batch: 432840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	EPA 8082A	432562
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 8082A	432562
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	EPA 8082A	432562
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	EPA 8082A	432562

GC Semi VOA (Continued)

Analysis Batch: 432840 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	EPA 8082A	432562
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	EPA 8082A	432562
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	EPA 8082A	432562
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	EPA 8082A	432562
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	EPA 8082A	432562
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	EPA 8082A	432562
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	EPA 8082A	432562
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	EPA 8082A	432562
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	EPA 8082A	432562
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	EPA 8082A	432562
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	EPA 8082A	432562
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	EPA 8082A	432562
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	EPA 8082A	432562
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	EPA 8082A	432562
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	EPA 8082A	432562
MB 180-432521/1-C	Method Blank	Total/NA	Solid	EPA 8082A	432562
LCS 180-432521/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	432562
180-154918-2 MS	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 8082A	432562
180-154918-2 MSD	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 8082A	432562

Metals

Prep Batch: 432524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3050B	
MB 180-432524/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-432524/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154918-2 MS	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3050B	
180-154918-2 MSD	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	3050B	

Prep Batch: 432763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	3050B	
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	3050B	
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	3050B	
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	3050B	
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	3050B	
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	3050B	
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	3050B	
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	3050B	
MB 180-432763/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-432763/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 432765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	3050B	
MB 180-432765/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-432765/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Metals

Prep Batch: 432889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	3050B	
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	3050B	
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	3050B	
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	3050B	
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	3050B	
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	3050B	
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	3050B	
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	3050B	
MB 180-432889/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-432889/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 433149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 6010C	432524
MB 180-432524/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432524
LCS 180-432524/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432524
180-154918-2 MS	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 6010C	432524
180-154918-2 MSD	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 6010C	432524

Analysis Batch: 433389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	EPA 6010C	432765
MB 180-432765/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432765
LCS 180-432765/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432765

Prep Batch: 433813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	7471B	
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	7471B	
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	7471B	
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	7471B	
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	7471B	
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	7471B	
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	7471B	
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	7471B	
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	7471B	
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	7471B	
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	7471B	
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	7471B	
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	7471B	
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	7471B	
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	7471B	
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	7471B	
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	7471B	
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	7471B	
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	7471B	
MB 180-433813/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 180-433813/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-154918-2 MS	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	7471B	
180-154918-2 MSD	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	7471B	

Metals

Analysis Batch: 433862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	EPA 6010C	432763
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	EPA 6010C	432763
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	EPA 6010C	432763
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	EPA 6010C	432763
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	EPA 6010C	432763
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	EPA 6010C	432763
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	EPA 6010C	432763
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	EPA 6010C	432763
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	EPA 6010C	432889
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	EPA 6010C	432889
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	EPA 6010C	432889
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	EPA 6010C	432889
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	EPA 6010C	432889
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	EPA 6010C	432889
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	EPA 6010C	432889
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	EPA 6010C	432889
MB 180-432763/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432763
MB 180-432889/1-A	Method Blank	Total/NA	Solid	EPA 6010C	432889
LCS 180-432763/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432763
LCS 180-432889/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	432889

Prep Batch: 433883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	3050B	
MB 180-433883/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-433883/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 433957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	EPA 6010C	432763
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	EPA 6010C	432889
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	EPA 6010C	432889

Analysis Batch: 434050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	EPA 7471B	433813
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 7471B	433813
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	EPA 7471B	433813
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	EPA 7471B	433813
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	EPA 7471B	433813
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	EPA 7471B	433813
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	EPA 7471B	433813
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	EPA 7471B	433813
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	EPA 7471B	433813
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	EPA 7471B	433813
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	EPA 7471B	433813
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	EPA 7471B	433813
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	EPA 7471B	433813
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	EPA 7471B	433813
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	EPA 7471B	433813
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	EPA 7471B	433813

Metals (Continued)

Analysis Batch: 434050 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	EPA 7471B	433813
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	EPA 7471B	433813
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	EPA 7471B	433813
MB 180-433813/1-A	Method Blank	Total/NA	Solid	EPA 7471B	433813
LCS 180-433813/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	433813
180-154918-2 MS	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 7471B	433813
180-154918-2 MSD	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	EPA 7471B	433813

Analysis Batch: 434075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	EPA 6010C	433883
MB 180-433883/1-A	Method Blank	Total/NA	Solid	EPA 6010C	433883
LCS 180-433883/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	433883

Prep Batch: 434814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	3050B	
MB 180-434814/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-434814/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154918-19 MS	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	3050B	
180-154918-19 MSD	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	3050B	

Analysis Batch: 435239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	EPA 6010C	434814
MB 180-434814/1-A	Method Blank	Total/NA	Solid	EPA 6010C	434814
LCS 180-434814/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	434814
180-154918-19 MS	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	EPA 6010C	434814
180-154918-19 MSD	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	EPA 6010C	434814

General Chemistry

Analysis Batch: 432384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-5	SSHS-IRM5A2-SCV75-0.42-1.42	Total/NA	Solid	2540G	
180-154918-7	SSHS-IRM5A2-SCV76-0.67-1.67	Total/NA	Solid	2540G	
180-154918-8	SSHS-IRM5A2-SCV77-0-0.17	Total/NA	Solid	2540G	
180-154918-9	SSHS-IRM5A2-SCV77-0.17-0.75	Total/NA	Solid	2540G	
180-154918-11	SSHS-IRM5A2-SCV78-0-0.42	Total/NA	Solid	2540G	
180-154918-13	SSHS-IRM5A2-SCV79-0-0.58	Total/NA	Solid	2540G	
180-154918-14	SSHS-IRM5A2-SCV79-0.58-1.58	Total/NA	Solid	2540G	
180-154918-15	SSHS-IRM5A2-SCV80-0-0.17	Total/NA	Solid	2540G	
180-154918-18	SSHS-IRM5A2-SCV81-0-0.17	Total/NA	Solid	2540G	
180-154918-19	SSHS-IRM5A2-SCV81-0.17-0.83	Total/NA	Solid	2540G	

Analysis Batch: 432386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-1	SSHS-IRM5A2-SCV65-0.25-1.25	Total/NA	Solid	2540G	
180-154918-2	SSHS-IRM5A2-SCV73-0-0.17	Total/NA	Solid	2540G	
180-154918-3	SSHS-IRM5A2-SCV73-0.17-1.17	Total/NA	Solid	2540G	
180-154918-4	SSHS-IRM5A2-SCV75-0-0.42	Total/NA	Solid	2540G	

General Chemistry (Continued)

Analysis Batch: 432386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-10	SSHS-IRM5A2-SCV77-0.75-1.75	Total/NA	Solid	2540G	
180-154918-12	SSHS-IRM5A2-SCV78-0.42-1.42	Total/NA	Solid	2540G	
180-154918-16	SSHS-IRM5A2-SCV80-017-0.75	Total/NA	Solid	2540G	
180-154918-17	SSHS-IRM5A2-SCV80-0.75-1.75	Total/NA	Solid	2540G	

Analysis Batch: 432435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154918-6	SSHS-IRM5A2-SCV76-0-0.67	Total/NA	Solid	2540G	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

eurofins Environment Testing Tes America

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN08321			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV65-0.25-1.25	4/11/23	1130	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV73-0-0.17	4/11/23	1135	G	S	N	Y	X	X	X	X			16	
SSHS-IRM5A2-SCV73-0.17-1.17	4/11/23	1140	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV75-0-0.42	4/11/23	1145	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV75-0.42-1.42	4/11/23	1150	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV76-0-0.67	4/11/23	1155	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV76-0.67-1.67	4/11/23	1200	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV77-0-0.17	4/11/23	1300	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV77-0.17-0.75	4/11/23	1305	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV77-0.75-1.75	4/11/23	1310	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV78-0-0.42	4/11/23	1315	G	S	N	N	X	X	X	X	X	X	8	

180-154918 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained long

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/11/23/1800	Company: Geosyntec	Received by:	Date/Time: 4/12/23 0930	Company: EPI
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

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5/18/2023

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832l			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV78-0.42-1.42	4/11/23	1320	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV79-0-0.58	4/11/23	1325	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV79-0.58-1.58	4/11/23	1330	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV80-0-0.17	4/11/23	1335	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV80-0.17-0.75	4/11/23	1340	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV80-0.75-1.75	4/11/23	1345	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV81-0-0.17	4/11/23	1350	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV81-0.17-0 83	4/11/23	1355	G	S	N	N	X	X	X	X	X	X	8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: [signature]	Date/Time: 4/11/23/1800	Company: Geosyntec	Received by: [signature]	Date/Time: 4/12/23 0930	Company: EPI/TME
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

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Environment Testing
TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154918 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N								
SSHS-IRM5A2-SCV65-0.25-1.25	4/11/23	1130	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV73-0-0.17	4/11/23	1135	G	S	N	Y	X	X	X	X									16	
SSHS-IRM5A2-SCV73-0.17-1.17	4/11/23	1140	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV75-0-0.42	4/11/23	1145	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV75-0.42-1.42	4/11/23	1150	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV76-0-0.67	4/11/23	1155	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV76-0.67-1.67	4/11/23	1200	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV77-0-0.17	4/11/23	1300	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV77-0.17-0.75	4/11/23	1305	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV77-0.75-1.75	4/11/23	1310	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV78-0-0.42	4/11/23	1315	G	S	N	N	X	X	X	X	X	X							8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
1	Min	4/11/23/1800	Geosyntec		4/12/23 930	BET SGC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: 1899254 | Cooler Temperature(s) °C and Other Remarks: 4.6

Ver: 01/16/2019

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5/18/2023

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV78-0.42-1.42	4/11/23	1320	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV79-0-0.58	4/11/23	1325	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV79-0.58-1.58	4/11/23	1330	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV80-0-0.17	4/11/23	1335	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV80-0.17-0.75	4/11/23	1340	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV80-0.75-1.75	4/11/23	1345	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV81-0-0.17	4/11/23	1350	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV81-0.17-0.83	4/11/23	1355	G	S	N	N	X	X	X	X	X	X	8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Mim	Date/Time: 4/11/23 1800	Company: Geosyntec	Received by:	Date/Time: 4/12/23 932	Company: DET Sac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 1849759	Cooler Temperature(s) °C and Other Remarks: 4.6

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5/18/2023

Ver: 01/16/2019

eurofins | Environment Testing TestAmerica

Sacramento
Sample Receiving Notes

180-154918 Field Sheet

Job: _____

Tracking # : 7117 8827 2015

SO / CO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: L10 Corr. Factor: (+ / -) _____ °C

Ice — Wet _____ Gel _____ Other _____

Cooler Custody Seal: 18692354

Cooler ID: —

Temp Observed: 4.6 °C Corrected: 4.6 °C

From: Temp Blank ☑ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JT Date: 4/12/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☑	☐
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☑	☐
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☑	☐
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SP Date: 4-12-23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☐	☑	☐

Initials: SP Date: 4-12-23

WR305A

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154918-1

Login Number: 154918
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 5/19/2023 3:41:36 PM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154988-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
David Dunlap, Senior Project Manager
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Job ID: 180-154988-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154988-1

Receipt
The samples were received on 4/13/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.8º C, 3.1º C and 3.9º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-433384 was below criteria for the following analytes: Bromomethane and Chloromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-433384 was above criteria for the following analytes: 1,1,2,2-Tetrachloroethane and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: SSHS-IRM5A2-SCV88-0.75-1.75 (180-154988-7) and SSHS-IRM5A2-SCV-DUP24 (180-154988-8). Elevated reporting limits (RLs) are provided.

Method 8270D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV92-0.75-1.75 (180-154988-17) had the recoveries of Benzaldehyde below the control limits. The RPD between the spikes and the recovery of the laboratory control sample (LCS) were within the control limits.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432848 was above criteria for the following analytes: 2,2'-oxybis[1-chloropropane] and 2,4,6-Tribromophenol (surrogate). As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-432969 was above criteria for the following analytes: 4,6-Dinitro-2-methylphenol and Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-433019 was above criteria for the following analyte: Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 180-433093 was above criteria for the following analyte: Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8082A: Samples SSHS-IRM5A2-SCV86-0.75-1.75 (180-154988-2) and SSHS-IRM5A2-SCV91-0.75-1.75 (180-154988-14) had the recovery of surrogate decachlorobiphenyl below the control limits on column RTX-CLP1. The recovery on column RTX-CLP2 and the recoveries of tetrachloro-m-xylene were within the control limits.

Method 8082A: Sample SSHS-IRM5A2-SCV87-0-0.17 (180-154988-3) had the recoveries of surrogate decachlorobiphenyl below the control limits on both columns. The recoveries of tetrachloro-m-xylene were within the control limits.

Job ID: 180-154988-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

Method 8082A: The continuing calibration verification (CCV) analyzed in batch 180-432970 (CCVIS 180-432970/5) was below criteria for aroclor 1260 for 2 peaks on column RTX-CLP2. Associated sample results for aroclor 1260 did not have these peaks included in the quantitation of the results.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010C: The following sample was diluted to bring the concentration of iron within the linear range of the instrument: SSHS-IRM5A2-SCV87-0-0.17 (180-154988-3). Elevated reporting limits (RLs) are provided. Arsenic, cadmium, lead, and thallium were also reported from dilution due to inter-element corrections associated with iron.

Method 6010C: The method blank for preparation batch 180-433882 contained zinc above the reporting limit (RL). As the associated samples contained zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The method blank for preparation batch 180-434556 contained zinc above the reporting limit (RL). As the associated samples contained zinc at concentrations greater than ten-times that of the method blank, the results were reported.

Method 6010C: The laboratory control sample (LCS) for preparation batch 180-434556 recovered above the control limits for antimony. As the LCS was high and the samples associated with this LCS did not have antimony detected or had antimony detected below the reporting limit, the results were reported.

Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV92-0.75-1.75 (180-154988-17) had several recoveries outside of the control limits. The RPDs between the spikes and the recoveries of the laboratory control sample were within the control limits.

Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV88-0.75-1.75 (180-154988-7) had the majority of recoveries and RPDs between the spikes outside of the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	04-01-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids
EPA 8260C	5035	Solid	1,2-Dichloroethene, Total

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Solid	04/12/23 14:30	04/13/23 09:30
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Solid	04/12/23 14:35	04/13/23 09:30
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Solid	04/12/23 14:40	04/13/23 09:30
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Solid	04/12/23 14:45	04/13/23 09:30
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Solid	04/12/23 14:50	04/13/23 09:30
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Solid	04/12/23 14:55	04/13/23 09:30
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Solid	04/12/23 15:00	04/13/23 09:30
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Solid	04/12/23 00:00	04/13/23 09:30
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Solid	04/12/23 15:05	04/13/23 09:30
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Solid	04/12/23 15:10	04/13/23 09:30
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Solid	04/12/23 15:15	04/13/23 09:30
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Solid	04/12/23 15:20	04/13/23 09:30
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Solid	04/12/23 15:25	04/13/23 09:30
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Solid	04/12/23 15:30	04/13/23 09:30
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Solid	04/12/23 15:35	04/13/23 09:30
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Solid	04/12/23 00:00	04/13/23 09:30
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Solid	04/12/23 15:40	04/13/23 09:30
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Solid	04/12/23 00:00	04/13/23 09:30
180-154988-19	SSHS-IRM5A2-SCV-DUP19	Solid	04/12/23 00:00	04/13/23 09:30

Method Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by GC/MS	SW846	EET PIT
EPA 8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
EPA 6010C	Metals (ICP)	SW846	EET PIT
EPA 7471B	Mercury (CVAA)	SW846	EET PIT
2540G	SM 2540G	SM22	EET PIT
3050B	Preparation, Metals	SW846	EET PIT
3541	Automated Soxhlet Extraction	SW846	EET PIT
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET PIT
7471B	Preparation, Mercury	SW846	EET PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV86-0.17-0.75
Lab Sample ID: 180-154988-1
Date Collected: 04/12/23 14:30
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV86-0.17-0.75
Lab Sample ID: 180-154988-1
Date Collected: 04/12/23 14:30
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 71.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1165 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 11:50	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 16:23	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 09:38	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.50 g	50 mL	433891	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 16:53	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.50 g	50 mL	433891	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434338	05/04/23 09:49	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.90 g	50 mL	434815	05/10/23 14:24	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 18:09	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.64 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:18	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV86-0.75-1.75
Lab Sample ID: 180-154988-2
Date Collected: 04/12/23 14:35
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV86-0.75-1.75
Lab Sample ID: 180-154988-2
Date Collected: 04/12/23 14:35
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3026 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 12:12	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 16:45	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 09:57	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	433891	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 16:58	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.55 g	50 mL	433891	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434338	05/04/23 09:54	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.79 g	50 mL	434815	05/10/23 14:24	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 18:14	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:19	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV87-0-0.17
Lab Sample ID: 180-154988-3
Date Collected: 04/12/23 14:40
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV87-0-0.17
Lab Sample ID: 180-154988-3
Date Collected: 04/12/23 14:40
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1135 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 12:35	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 17:07	VVP	EET PIT
	Instrument ID: CH732									

Client Sample ID: SSHS-IRM5A2-SCV87-0-0.17
Lab Sample ID: 180-154988-3

Date Collected: 04/12/23 14:40
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 10:15	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.80 g	50 mL	433891	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 17:03	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.80 g	50 mL	433891	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434338	05/04/23 09:59	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.80 g	50 mL	433891	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		5			434338	05/04/23 10:29	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.75 g	50 mL	434815	05/10/23 14:24	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 18:19	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.65 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:20	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV87-0.17-0.75
Lab Sample ID: 180-154988-4

Date Collected: 04/12/23 14:45
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV87-0.17-0.75
Lab Sample ID: 180-154988-4

Date Collected: 04/12/23 14:45
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 72.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1134 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 12:58	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433093	04/22/23 22:39	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 10:34	JMO	EET PIT
	Instrument ID: CHGC8									

Client Sample ID: SSHS-IRM5A2-SCV87-0.17-0.75
Lab Sample ID: 180-154988-4

Date Collected: 04/12/23 14:45
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 72.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.53 g	50 mL	433891	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 17:08	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.53 g	50 mL	433891	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434338	05/04/23 10:04	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.83 g	50 mL	434815	05/10/23 14:24	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 18:24	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:21	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV87-0.75-1.75
Lab Sample ID: 180-154988-5

Date Collected: 04/12/23 14:50
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432445	04/15/23 17:26	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV87-0.75-1.75
Lab Sample ID: 180-154988-5

Date Collected: 04/12/23 14:50
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 68.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2379 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 14:06	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.3 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 17:51	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 10:53	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.63 g	50 mL	433891	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 17:13	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.63 g	50 mL	433891	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434338	05/04/23 10:09	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.88 g	50 mL	434815	05/10/23 14:24	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 18:29	RJG	EET PIT
	Instrument ID: Q									

Client Sample ID: SSHS-IRM5A2-SCV87-0.75-1.75
Lab Sample ID: 180-154988-5
Date Collected: 04/12/23 14:50
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 68.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.64 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:22	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV88-0.50-0.75
Lab Sample ID: 180-154988-6
Date Collected: 04/12/23 14:55
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV88-0.50-0.75
Lab Sample ID: 180-154988-6
Date Collected: 04/12/23 14:55
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3349 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 14:28	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432969	04/21/23 18:13	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 11:11	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.72 g	50 mL	433891	05/02/23 10:00	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 16:14	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.88 g	50 mL	434815	05/10/23 14:24	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 18:34	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:26	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Lab Sample ID: 180-154988-7
Date Collected: 04/12/23 15:00
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Lab Sample ID: 180-154988-7

Date Collected: 04/12/23 15:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 75.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3078 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 14:51	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433019	04/21/23 19:37	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541	DL		15.2 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D	DL	10	1 mL	1 mL	433093	04/22/23 23:01	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 11:30	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.75 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 18:32	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.75 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 15:04	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.61 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:27	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP24
Lab Sample ID: 180-154988-8

Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP24
Lab Sample ID: 180-154988-8

Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0067 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 15:14	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433019	04/21/23 19:59	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541	DL		15.0 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D	DL	3	1 mL	1 mL	433093	04/22/23 23:23	VVP	EET PIT
	Instrument ID: CH732									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP24
Lab Sample ID: 180-154988-8
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 11:49	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.72 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 18:57	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.72 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 15:24	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.61 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:28	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV89-0.50-0.75
Lab Sample ID: 180-154988-9
Date Collected: 04/12/23 15:05
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV89-0.50-0.75
Lab Sample ID: 180-154988-9
Date Collected: 04/12/23 15:05
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0349 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 15:37	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433019	04/21/23 20:21	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 12:07	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.70 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 19:02	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.70 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 15:29	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV89-0.50-0.75
Lab Sample ID: 180-154988-9
Date Collected: 04/12/23 15:05
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.61 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:30	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV89-0.75-1.75
Lab Sample ID: 180-154988-10
Date Collected: 04/12/23 15:10
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV89-0.75-1.75
Lab Sample ID: 180-154988-10
Date Collected: 04/12/23 15:10
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 79.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3306 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 15:59	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433019	04/21/23 20:43	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 12:26	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.73 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 19:17	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.73 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 15:34	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.61 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:31	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV90-0.50-0.75
Lab Sample ID: 180-154988-11
Date Collected: 04/12/23 15:15
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV90-0.50-0.75
Lab Sample ID: 180-154988-11

Date Collected: 04/12/23 15:15
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0462 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 16:22	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433019	04/21/23 21:05	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 12:45	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.76 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 19:22	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.76 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 15:39	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.64 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:32	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV90-0.75-1.75
Lab Sample ID: 180-154988-12

Date Collected: 04/12/23 15:20
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV90-0.75-1.75
Lab Sample ID: 180-154988-12

Date Collected: 04/12/23 15:20
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1179 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 16:45	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433019	04/21/23 21:27	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 13:03	JMO	EET PIT
	Instrument ID: CHGC8									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV90-0.75-1.75
Lab Sample ID: 180-154988-12
Date Collected: 04/12/23 15:20
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.77 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 19:27	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.77 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 15:44	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.61 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:33	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV91-0.50-0.75
Lab Sample ID: 180-154988-13
Date Collected: 04/12/23 15:25
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV91-0.50-0.75
Lab Sample ID: 180-154988-13
Date Collected: 04/12/23 15:25
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 76.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0306 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 17:07	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.4 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433019	04/21/23 21:49	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 13:22	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.72 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 19:32	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.72 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 15:59	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:34	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV91-0.75-1.75
Lab Sample ID: 180-154988-14
Date Collected: 04/12/23 15:30
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV91-0.75-1.75
Lab Sample ID: 180-154988-14
Date Collected: 04/12/23 15:30
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1179 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 17:30	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433019	04/21/23 22:11	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 13:41	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.73 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 19:37	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.73 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 16:04	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.67 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:35	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV92-0.50-0.75
Lab Sample ID: 180-154988-15
Date Collected: 04/12/23 15:35
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV92-0.50-0.75
Lab Sample ID: 180-154988-15
Date Collected: 04/12/23 15:35
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1637 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 17:53	PJJ	EET PIT
	Instrument ID: CHHP3									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV92-0.50-0.75
Lab Sample ID: 180-154988-15

Date Collected: 04/12/23 15:35
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433019	04/21/23 22:33	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 13:59	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.77 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 19:42	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.77 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 16:09	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:36	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP25
Lab Sample ID: 180-154988-16

Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP25
Lab Sample ID: 180-154988-16

Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3326 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 18:15	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433093	04/22/23 23:44	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 14:55	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.73 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 19:47	RJG	EET PIT
	Instrument ID: Q									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP25
Lab Sample ID: 180-154988-16
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.73 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 16:14	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:40	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Lab Sample ID: 180-154988-17
Date Collected: 04/12/23 15:40
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Lab Sample ID: 180-154988-17
Date Collected: 04/12/23 15:40
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2302 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 11:27	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.5 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	433093	04/22/23 22:18	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 08:42	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.58 g	50 mL	433882	05/01/23 11:30	HCY	EET PIT
Total/NA	Analysis	EPA 6010C		1			434202	05/03/23 13:44	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.65 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:14	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP22
Lab Sample ID: 180-154988-18
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP22
Lab Sample ID: 180-154988-18

Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2276 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 18:38	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.3 g	5.0 mL	432943	04/20/23 17:08	JSM	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432848	04/21/23 17:33	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.0 g	20.0 mL	432621	04/18/23 10:51	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432707	04/19/23 04:51	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432708	04/19/23 04:52	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	432970	04/21/23 15:14	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.79 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 19:52	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.79 g	50 mL	434556	05/08/23 16:29	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435515	05/17/23 16:19	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.68 g	100 mL	433819	05/01/23 09:05	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 14:41	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP19
Lab Sample ID: 180-154988-19

Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432443	04/15/23 17:10	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP19
Lab Sample ID: 180-154988-19

Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3264 g	5 mL	433475	04/26/23 06:47	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433384	04/26/23 19:00	PJJ	EET PIT
	Instrument ID: CHHP3									

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: EET PIT

Batch Type: Cleanup

JMO = John Oravec

Batch Type: Prep

AAS = Arianna Swick
HCY = Harrison Yaeger
JSM = Joseph Moore
MTW = Michael Wesoloski
PJJ = Patrick Journet
S1Z = Sage Ziviello

Batch Type: Analysis

CMR = Carl Reagle
JMO = John Oravec
MTW = Michael Wesoloski
PJJ = Patrick Journet
RJG = Rob Good
VVP = Vincent Piccolino

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV86-0.17-0.75
Date Collected: 04/12/23 14:30
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-1
Matrix: Solid
Percent Solids: 71.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		27	5.3	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Benzene	ND		6.8	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Bromoform	ND		6.8	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Bromomethane	ND		6.8	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
2-Butanone (MEK)	ND		6.8	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Carbon disulfide	ND		6.8	5.5	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Carbon tetrachloride	ND		6.8	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Chlorobenzene	ND		6.8	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Chlorobromomethane	ND		6.8	4.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Chlorodibromomethane	ND		6.8	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Chloroethane	ND		6.8	4.0	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Chloroform	ND		6.8	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Chloromethane	ND		6.8	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
cis-1,2-Dichloroethene	ND		6.8	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
cis-1,3-Dichloropropene	ND		6.8	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Cyclohexane	ND		6.8	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,2-Dibromo-3-Chloropropane	ND		6.8	4.4	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,2-Dibromoethane	ND		6.8	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,2-Dichlorobenzene	ND		6.8	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,3-Dichlorobenzene	ND		6.8	4.2	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,4-Dichlorobenzene	ND		6.8	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Dichlorobromomethane	ND		6.8	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Dichlorodifluoromethane	ND		6.8	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,1-Dichloroethane	ND		6.8	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,2-Dichloroethane	ND		6.8	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,1-Dichloroethene	ND		6.8	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,2-Dichloroethene, Total	ND		14	5.6	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,2-Dichloropropane	ND		6.8	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,4-Dioxane	ND		1400	48	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Ethylbenzene	ND		6.8	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
2-Hexanone	ND		6.8	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Isopropylbenzene	ND		6.8	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Methyl acetate	ND		34	10	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Methylcyclohexane	ND		6.8	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Methylene Chloride	ND		6.8	6.2	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
4-Methyl-2-pentanone (MIBK)	ND		6.8	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Methyl tert-butyl ether	ND		6.8	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
m-Xylene & p-Xylene	ND		6.8	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
o-Xylene	ND		6.8	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Styrene	ND		6.8	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,1,2,2-Tetrachloroethane	ND		6.8	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Tetrachloroethene	ND		6.8	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Toluene	ND		6.8	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
trans-1,2-Dichloroethene	ND		6.8	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
trans-1,3-Dichloropropene	ND		6.8	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,2,3-Trichlorobenzene	ND		6.8	3.8	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,2,4-Trichlorobenzene	ND		6.8	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,1,1-Trichloroethane	ND		6.8	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,1,2-Trichloroethane	ND		6.8	1.4	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1

Client Sample ID: SSHS-IRM5A2-SCV86-0.17-0.75 — **Lab Sample ID: 180-154988-1**
Date Collected: 04/12/23 14:30 — **Matrix: Solid**
Date Received: 04/13/23 09:30 — **Percent Solids: 71.5**

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		6.8	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Trichlorofluoromethane	ND		6.8	5.7	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.8	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Vinyl chloride	ND		6.8	4.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1
Xylenes, Total	ND		14	9.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*60 - 124*	*04/26/23 06:47*	*04/26/23 11:50*	*1*
Dibromofluoromethane (Surr)	*110*		*69 - 126*	*04/26/23 06:47*	*04/26/23 11:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*73 - 135*	*04/26/23 06:47*	*04/26/23 11:50*	*1*
Toluene-d8 (Surr)	*99*		*67 - 134*	*04/26/23 06:47*	*04/26/23 11:50*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**34**	**J**	93	27	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Acenaphthylene	**660**		93	20	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Acetophenone	ND		930	170	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Anthracene	**350**		93	24	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Atrazine	ND		930	200	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Benzaldehyde	ND		930	58	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Benzo[a]anthracene	**960**		93	42	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Benzo[a]pyrene	**1200**		93	40	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Benzo[b]fluoranthene	**1600**		93	23	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Benzo[g,h,i]perylene	**1100**		93	20	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Benzo[k]fluoranthene	**470**		93	28	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
1,1'-Biphenyl	ND		460	170	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Bis(2-chloroethoxy)methane	ND		460	170	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Bis(2-chloroethyl)ether	ND		93	17	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Bis(2-ethylhexyl) phthalate	ND		4600	490	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
4-Bromophenyl phenyl ether	ND		460	200	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Butyl benzyl phthalate	ND		460	320	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Caprolactam	ND		2400	300	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Carbazole	**94**		93	22	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
4-Chloroaniline	ND		460	120	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
4-Chloro-3-methylphenol	ND		460	160	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2-Chloronaphthalene	ND		93	21	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2-Chlorophenol	ND		460	170	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
4-Chlorophenyl phenyl ether	ND		460	150	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Chrysene	**1200**		93	51	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Dibenz(a,h)anthracene	**330**		93	59	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Dibenzofuran	ND		460	170	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
3,3'-Dichlorobenzidine	ND		460	430	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2,4-Dichlorophenol	ND		93	36	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Diethyl phthalate	ND		460	160	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2,4-Dimethylphenol	ND		460	160	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Dimethyl phthalate	ND		460	180	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Di-n-butyl phthalate	ND		460	200	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
4,6-Dinitro-2-methylphenol	ND		2400	800	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2,4-Dinitrophenol	ND		4600	2900	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2,4-Dinitrotoluene	ND		460	280	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV86-0.17-0.75
Date Collected: 04/12/23 14:30
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-1
Matrix: Solid
Percent Solids: 71.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		460	180	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Di-n-octyl phthalate	ND		460	270	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
1,4-Dioxane	ND		930	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Fluoranthene	**1700**		93	24	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Fluorene	**80**	**J**	93	18	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Hexachlorobenzene	ND		93	33	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Hexachlorobutadiene	ND		93	27	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Hexachlorocyclopentadiene	ND		460	47	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Hexachloroethane	ND		460	160	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Indeno[1,2,3-cd]pyrene	**890**		93	46	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Isophorone	ND		460	170	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2-Methylnaphthalene	**82**	**J**	93	22	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2-Methylphenol	ND		460	130	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Methylphenol, 3 & 4	ND		460	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Naphthalene	**100**		93	18	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2-Nitroaniline	ND		2400	210	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
3-Nitroaniline	ND		2400	120	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
4-Nitroaniline	ND		2400	170	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Nitrobenzene	ND		930	170	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2-Nitrophenol	ND		460	170	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
4-Nitrophenol	ND		2400	330	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
N-Nitrosodi-n-propylamine	ND		93	31	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
N-Nitrosodiphenylamine	ND		460	150	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2,2'-oxybis[1-chloropropane]	ND		93	34	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Pentachlorophenol	ND		2400	740	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Phenanthrene	**660**		93	25	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Phenol	ND		460	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
Pyrene	**1800**		93	22	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
1,2,4,5-Tetrachlorobenzene	ND		460	180	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2,3,4,6-Tetrachlorophenol	ND		460	190	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2,4,5-Trichlorophenol	ND		460	160	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1
2,4,6-Trichlorophenol	ND		460	150	ug/Kg	☼	04/20/23 17:08	04/21/23 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*44 - 105*	*04/20/23 17:08*	*04/21/23 16:23*	*1*
2-Fluorophenol (Surr)	*48*		*48 - 105*	*04/20/23 17:08*	*04/21/23 16:23*	*1*
Nitrobenzene-d5 (Surr)	*62*		*46 - 105*	*04/20/23 17:08*	*04/21/23 16:23*	*1*
Phenol-d5 (Surr)	*55*		*46 - 105*	*04/20/23 17:08*	*04/21/23 16:23*	*1*
Terphenyl-d14 (Surr)	*57*		*39 - 105*	*04/20/23 17:08*	*04/21/23 16:23*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*34 - 108*	*04/20/23 17:08*	*04/21/23 16:23*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	7.6	ug/Kg	☼	04/18/23 10:51	04/21/23 09:38	1
PCB-1221	ND		23	8.3	ug/Kg	☼	04/18/23 10:51	04/21/23 09:38	1
PCB-1232	ND		23	5.7	ug/Kg	☼	04/18/23 10:51	04/21/23 09:38	1
PCB-1242	ND		23	3.4	ug/Kg	☼	04/18/23 10:51	04/21/23 09:38	1
PCB-1248	ND		23	5.6	ug/Kg	☼	04/18/23 10:51	04/21/23 09:38	1
PCB-1254	ND		23	7.0	ug/Kg	☼	04/18/23 10:51	04/21/23 09:38	1
PCB-1260	ND		23	6.6	ug/Kg	☼	04/18/23 10:51	04/21/23 09:38	1

Client Sample ID: SSHS-IRM5A2-SCV86-0.17-0.75

Lab Sample ID: 180-154988-1

Date Collected: 04/12/23 14:30
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 71.5

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		23	8.2	ug/Kg	☼	04/18/23 10:51	04/21/23 09:38	1
PCB-1268	ND		23	3.1	ug/Kg	☼	04/18/23 10:51	04/21/23 09:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*04/18/23 10:51*	*04/21/23 09:38*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*63 - 138*	*04/18/23 10:51*	*04/21/23 09:38*	*1*
Tetrachloro-m-xylene (Surr)	*71*		*55 - 135*	*04/18/23 10:51*	*04/21/23 09:38*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*55 - 135*	*04/18/23 10:51*	*04/21/23 09:38*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7000**		28	7.0	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Antimony	ND		1.4	0.42	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Arsenic	**13**		1.4	0.88	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Barium	**190**		28	5.0	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Beryllium	**0.45**	**J**	0.56	0.15	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Cadmium	**1.5**		0.70	0.10	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Calcium	**4100**		700	90	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Chromium	**15**		0.70	0.64	mg/Kg	☼	05/02/23 10:00	05/04/23 09:49	1
Cobalt	**5.7**	**J**	7.0	0.98	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Copper	**42**		3.5	2.1	mg/Kg	☼	05/02/23 10:00	05/04/23 09:49	1
Iron	**19000**		14	14	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Lead	**440**		1.4	1.2	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Magnesium	**1800**		700	77	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Manganese	**450**		2.1	0.39	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Nickel	**14**		5.6	0.70	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Potassium	**940**		700	120	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Selenium	**0.93**	**J**	1.4	0.64	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Silver	ND		0.70	0.15	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Sodium	ND		700	72	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Thallium	ND		2.8	0.40	mg/Kg	☼	05/02/23 10:00	05/03/23 16:53	1
Vanadium	**16**		7.0	1.1	mg/Kg	☼	05/02/23 10:00	05/04/23 09:49	1
Zinc	**1700**		1.6	1.1	mg/Kg	☼	05/10/23 14:24	05/17/23 18:09	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.33**	**B**	0.043	0.028	mg/Kg	☼	05/01/23 09:05	05/02/23 14:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**28.5**		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	**71.5**		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV86-0.75-1.75

Lab Sample ID: 180-154988-2

Date Collected: 04/12/23 14:35
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.8**	**J**	22	4.4	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Benzene	ND		5.6	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV86-0.75-1.75
Lab Sample ID: 180-154988-2
Date Collected: 04/12/23 14:35
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.6	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Bromomethane	ND		5.6	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
2-Butanone (MEK)	ND		5.6	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Carbon disulfide	ND		5.6	4.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Carbon tetrachloride	ND		5.6	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Chlorobenzene	ND		5.6	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Chlorobromomethane	ND		5.6	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Chlorodibromomethane	ND		5.6	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Chloroethane	ND		5.6	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Chloroform	ND		5.6	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Chloromethane	ND		5.6	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
cis-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Cyclohexane	ND		5.6	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,2-Dibromo-3-Chloropropane	ND		5.6	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,2-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,3-Dichlorobenzene	ND		5.6	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,4-Dichlorobenzene	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Dichlorobromomethane	ND		5.6	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Dichlorodifluoromethane	ND		5.6	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,1-Dichloroethane	ND		5.6	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,2-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,1-Dichloroethene	ND		5.6	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,2-Dichloropropane	ND		5.6	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Ethylbenzene	ND		5.6	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
2-Hexanone	ND		5.6	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Isopropylbenzene	ND		5.6	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Methyl acetate	ND		28	8.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Methylcyclohexane	ND		5.6	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Methylene Chloride	ND		5.6	5.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.6	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Methyl tert-butyl ether	ND		5.6	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
m-Xylene & p-Xylene	ND		5.6	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
o-Xylene	ND		5.6	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Styrene	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Tetrachloroethene	ND		5.6	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Toluene	ND		5.6	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
trans-1,2-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,2,3-Trichlorobenzene	ND		5.6	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,2,4-Trichlorobenzene	ND		5.6	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,1,1-Trichloroethane	ND		5.6	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
1,1,2-Trichloroethane	ND		5.6	1.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Trichloroethene	ND		5.6	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Trichlorofluoromethane	ND		5.6	4.6	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1

Client Sample ID: SSHS-IRM5A2-SCV86-0.75-1.75
Date Collected: 04/12/23 14:35
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-2
Matrix: Solid
Percent Solids: 84.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Vinyl chloride	ND		5.6	4.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1
Xylenes, Total	ND		11	8.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*60 - 124*	*04/26/23 06:47*	*04/26/23 12:12*	*1*
Dibromofluoromethane (Surr)	*96*		*69 - 126*	*04/26/23 06:47*	*04/26/23 12:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*73 - 135*	*04/26/23 06:47*	*04/26/23 12:12*	*1*
Toluene-d8 (Surr)	*95*		*67 - 134*	*04/26/23 06:47*	*04/26/23 12:12*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**29**	**J**	78	22	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Acenaphthylene	**530**		78	17	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Acetophenone	ND		780	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Anthracene	**280**		78	20	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Atrazine	ND		780	170	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Benzaldehyde	ND		780	48	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Benzo[a]anthracene	**780**		78	35	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Benzo[a]pyrene	**840**		78	33	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Benzo[b]fluoranthene	**1100**		78	19	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Benzo[g,h,i]perylene	**690**		78	17	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Benzo[k]fluoranthene	**430**		78	23	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Bis(2-chloroethyl)ether	ND		78	14	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Butyl benzyl phthalate	ND		380	260	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Carbazole	**70**	**J**	78	18	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Chrysene	**970**		78	43	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Dibenz(a,h)anthracene	**190**		78	49	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Di-n-butyl phthalate	ND		380	170	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1

Client Sample ID: SSHS-IRM5A2-SCV86-0.75-1.75
Lab Sample ID: 180-154988-2
Date Collected: 04/12/23 14:35
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		780	120	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Fluoranthene	**1300**		78	20	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Fluorene	**63**	**J**	78	15	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Hexachloroethane	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Indeno[1,2,3-cd]pyrene	**560**		78	38	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Isophorone	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2-Methylnaphthalene	**53**	**J**	78	19	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Naphthalene	**79**		78	15	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Nitrobenzene	ND		780	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Phenanthrene	**450**		78	21	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Phenol	ND		380	120	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
Pyrene	**1600**		78	18	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/20/23 17:08	04/21/23 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*44 - 105*	*04/20/23 17:08*	*04/21/23 16:45*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*04/20/23 17:08*	*04/21/23 16:45*	*1*
Nitrobenzene-d5 (Surr)	*73*		*46 - 105*	*04/20/23 17:08*	*04/21/23 16:45*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*04/20/23 17:08*	*04/21/23 16:45*	*1*
Terphenyl-d14 (Surr)	*72*		*39 - 105*	*04/20/23 17:08*	*04/21/23 16:45*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*04/20/23 17:08*	*04/21/23 16:45*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/18/23 10:51	04/21/23 09:57	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/18/23 10:51	04/21/23 09:57	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/18/23 10:51	04/21/23 09:57	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/18/23 10:51	04/21/23 09:57	1
PCB-1248	ND		20	4.8	ug/Kg	☼	04/18/23 10:51	04/21/23 09:57	1
PCB-1254	ND		20	5.9	ug/Kg	☼	04/18/23 10:51	04/21/23 09:57	1
PCB-1260	ND		20	5.6	ug/Kg	☼	04/18/23 10:51	04/21/23 09:57	1
PCB-1262	ND		20	7.0	ug/Kg	☼	04/18/23 10:51	04/21/23 09:57	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/18/23 10:51	04/21/23 09:57	1

Client Sample ID: SSHS-IRM5A2-SCV86-0.75-1.75

Lab Sample ID: 180-154988-2

Date Collected: 04/12/23 14:35
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*59*	*S1-*	*63 - 138*	*04/18/23 10:51*	*04/21/23 09:57*	*1*
DCB Decachlorobiphenyl (Surr)	*64*		*63 - 138*	*04/18/23 10:51*	*04/21/23 09:57*	*1*
Tetrachloro-m-xylene (Surr)	*66*		*55 - 135*	*04/18/23 10:51*	*04/21/23 09:57*	*1*
Tetrachloro-m-xylene (Surr)	*69*		*55 - 135*	*04/18/23 10:51*	*04/21/23 09:57*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6300**		22	5.4	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Antimony	ND		1.1	0.33	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Arsenic	**11**		1.1	0.68	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Barium	**310**		22	3.8	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Beryllium	**0.40**	**J**	0.43	0.12	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Cadmium	**1.4**		0.54	0.079	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Calcium	**4000**		540	70	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Chromium	**15**		0.54	0.49	mg/Kg	☼	05/02/23 10:00	05/04/23 09:54	1
Cobalt	**5.1**	**J**	5.4	0.76	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Copper	**45**		2.7	1.6	mg/Kg	☼	05/02/23 10:00	05/04/23 09:54	1
Iron	**15000**		11	11	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Lead	**480**		1.1	0.94	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Magnesium	**1500**		540	59	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Manganese	**390**		1.6	0.30	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Nickel	**13**		4.3	0.54	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Potassium	**1100**		540	92	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Selenium	**1.3**		1.1	0.50	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Silver	**0.15**	**J**	0.54	0.11	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Sodium	ND		540	55	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Thallium	ND		2.2	0.31	mg/Kg	☼	05/02/23 10:00	05/03/23 16:58	1
Vanadium	**14**		5.4	0.85	mg/Kg	☼	05/02/23 10:00	05/04/23 09:54	1
Zinc	**1000**		1.5	1.1	mg/Kg	☼	05/10/23 14:24	05/17/23 18:14	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.29**	**B**	0.038	0.024	mg/Kg	☼	05/01/23 09:05	05/02/23 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**15.8**		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	**84.2**		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV87-0-0.17

Lab Sample ID: 180-154988-3

Date Collected: 04/12/23 14:40
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 77.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Benzene	ND		6.3	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Bromoform	ND		6.3	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Bromomethane	ND		6.3	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
2-Butanone (MEK)	ND		6.3	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Carbon disulfide	ND		6.3	5.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV87-0-0.17
Lab Sample ID: 180-154988-3
Date Collected: 04/12/23 14:40
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 77.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		6.3	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Chlorobenzene	ND		6.3	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Chlorobromomethane	ND		6.3	3.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Chlorodibromomethane	ND		6.3	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Chloroethane	ND		6.3	3.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Chloroform	ND		6.3	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Chloromethane	ND		6.3	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
cis-1,2-Dichloroethene	ND		6.3	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
cis-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Cyclohexane	ND		6.3	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,2-Dibromo-3-Chloropropane	ND		6.3	4.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,2-Dibromoethane	ND		6.3	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,2-Dichlorobenzene	ND		6.3	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,3-Dichlorobenzene	ND		6.3	3.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,4-Dichlorobenzene	ND		6.3	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Dichlorobromomethane	ND		6.3	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Dichlorodifluoromethane	ND		6.3	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,1-Dichloroethane	ND		6.3	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,2-Dichloroethane	ND		6.3	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,1-Dichloroethene	ND		6.3	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,2-Dichloroethene, Total	ND		13	5.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,2-Dichloropropane	ND		6.3	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,4-Dioxane	ND		1300	45	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Ethylbenzene	ND		6.3	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
2-Hexanone	ND		6.3	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Isopropylbenzene	ND		6.3	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Methyl acetate	ND		32	9.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Methylcyclohexane	ND		6.3	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Methylene Chloride	ND		6.3	5.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
4-Methyl-2-pentanone (MIBK)	ND		6.3	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Methyl tert-butyl ether	ND		6.3	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
m-Xylene & p-Xylene	ND		6.3	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
o-Xylene	ND		6.3	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Styrene	ND		6.3	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Tetrachloroethene	ND		6.3	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Toluene	ND		6.3	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
trans-1,2-Dichloroethene	ND		6.3	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
trans-1,3-Dichloropropene	ND		6.3	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,2,3-Trichlorobenzene	ND		6.3	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,2,4-Trichlorobenzene	ND		6.3	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,1,1-Trichloroethane	ND		6.3	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,1,2-Trichloroethane	ND		6.3	1.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Trichloroethene	ND		6.3	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Trichlorofluoromethane	ND		6.3	5.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Vinyl chloride	ND		6.3	4.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1
Xylenes, Total	ND		13	9.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:35	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV87-0-0.17
Date Collected: 04/12/23 14:40
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-3
Matrix: Solid
Percent Solids: 77.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*60 - 124*	*04/26/23 06:47*	*04/26/23 12:35*	*1*
Dibromofluoromethane (Surr)	*105*		*69 - 126*	*04/26/23 06:47*	*04/26/23 12:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 135*	*04/26/23 06:47*	*04/26/23 12:35*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/26/23 06:47*	*04/26/23 12:35*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**35**	**J**	87	25	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Acenaphthylene	**420**		87	19	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Acetophenone	ND		870	150	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Anthracene	**240**		87	22	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Atrazine	ND		870	190	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Benzaldehyde	ND		870	53	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Benzo[a]anthracene	**670**		87	39	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Benzo[a]pyrene	**720**		87	37	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Benzo[b]fluoranthene	**920**		87	21	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Benzo[g,h,i]perylene	**600**		87	19	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Benzo[k]fluoranthene	**350**		87	26	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
1,1'-Biphenyl	ND		430	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Bis(2-chloroethoxy)methane	ND		430	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Bis(2-chloroethyl)ether	ND		87	16	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Bis(2-ethylhexyl) phthalate	ND		4300	460	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
4-Bromophenyl phenyl ether	ND		430	180	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Butyl benzyl phthalate	ND		430	300	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Carbazole	**61**	**J**	87	20	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
4-Chloroaniline	ND		430	110	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
4-Chloro-3-methylphenol	ND		430	150	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2-Chloronaphthalene	ND		87	20	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2-Chlorophenol	ND		430	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
4-Chlorophenyl phenyl ether	ND		430	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Chrysene	**820**		87	48	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Dibenz(a,h)anthracene	**160**		87	55	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Dibenzofuran	ND		430	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
3,3'-Dichlorobenzidine	ND		430	400	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2,4-Dichlorophenol	ND		87	33	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Diethyl phthalate	ND		430	150	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2,4-Dimethylphenol	ND		430	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Dimethyl phthalate	ND		430	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Di-n-butyl phthalate	ND		430	190	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
4,6-Dinitro-2-methylphenol	ND		2200	740	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2,4-Dinitrophenol	ND		4300	2700	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2,4-Dinitrotoluene	ND		430	260	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2,6-Dinitrotoluene	ND		430	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Di-n-octyl phthalate	ND		430	250	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
1,4-Dioxane	ND		870	130	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Fluoranthene	**1100**		87	23	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Fluorene	**50**	**J**	87	17	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Hexachlorobenzene	ND		87	31	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Hexachlorobutadiene	ND		87	25	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV87-0-0.17
Lab Sample ID: 180-154988-3
Date Collected: 04/12/23 14:40
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 77.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		430	44	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Hexachloroethane	ND		430	150	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Indeno[1,2,3-cd]pyrene	**500**		87	43	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Isophorone	ND		430	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2-Methylnaphthalene	**42**	**J**	87	21	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2-Methylphenol	ND		430	120	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Methylphenol, 3 & 4	ND		430	130	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Naphthalene	**57**	**J**	87	17	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2-Nitroaniline	ND		2200	200	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Nitrobenzene	ND		870	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2-Nitrophenol	ND		430	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
N-Nitrosodi-n-propylamine	ND		87	29	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
N-Nitrosodiphenylamine	ND		430	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2,2'-oxybis[1-chloropropane]	ND		87	32	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Pentachlorophenol	ND		2200	690	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Phenanthrene	**470**		87	23	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Phenol	ND		430	130	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
Pyrene	**1200**		87	20	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
1,2,4,5-Tetrachlorobenzene	ND		430	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2,3,4,6-Tetrachlorophenol	ND		430	180	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2,4,5-Trichlorophenol	ND		430	150	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1
2,4,6-Trichlorophenol	ND		430	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*44 - 105*	*04/20/23 17:08*	*04/21/23 17:07*	*1*
2-Fluorophenol (Surr)	*55*		*48 - 105*	*04/20/23 17:08*	*04/21/23 17:07*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*04/20/23 17:08*	*04/21/23 17:07*	*1*
Phenol-d5 (Surr)	*63*		*46 - 105*	*04/20/23 17:08*	*04/21/23 17:07*	*1*
Terphenyl-d14 (Surr)	*66*		*39 - 105*	*04/20/23 17:08*	*04/21/23 17:07*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*34 - 108*	*04/20/23 17:08*	*04/21/23 17:07*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.0	ug/Kg	☼	04/18/23 10:51	04/21/23 10:15	1
PCB-1221	ND		22	7.6	ug/Kg	☼	04/18/23 10:51	04/21/23 10:15	1
PCB-1232	ND		22	5.2	ug/Kg	☼	04/18/23 10:51	04/21/23 10:15	1
PCB-1242	ND		22	3.2	ug/Kg	☼	04/18/23 10:51	04/21/23 10:15	1
PCB-1248	ND		22	5.2	ug/Kg	☼	04/18/23 10:51	04/21/23 10:15	1
PCB-1254	ND		22	6.5	ug/Kg	☼	04/18/23 10:51	04/21/23 10:15	1
PCB-1260	ND		22	6.1	ug/Kg	☼	04/18/23 10:51	04/21/23 10:15	1
PCB-1262	ND		22	7.6	ug/Kg	☼	04/18/23 10:51	04/21/23 10:15	1
PCB-1268	ND		22	2.9	ug/Kg	☼	04/18/23 10:51	04/21/23 10:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*56*	*S1-*	*63 - 138*	*04/18/23 10:51*	*04/21/23 10:15*	*1*
DCB Decachlorobiphenyl (Surr)	*58*	*S1-*	*63 - 138*	*04/18/23 10:51*	*04/21/23 10:15*	*1*
Tetrachloro-m-xylene (Surr)	*57*		*55 - 135*	*04/18/23 10:51*	*04/21/23 10:15*	*1*

Client Sample ID: SSHS-IRM5A2-SCV87-0-0.17

Lab Sample ID: 180-154988-3

Date Collected: 04/12/23 14:40
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 77.4

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	62		55 - 135	04/18/23 10:51	04/21/23 10:15	1

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6100		16	4.0	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Antimony	ND		0.81	0.24	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Arsenic	13		4.0	2.5	mg/Kg	☼	05/02/23 10:00	05/04/23 10:29	5
Barium	130		16	2.9	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Beryllium	0.38		0.32	0.088	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Cadmium	2.2		2.0	0.30	mg/Kg	☼	05/02/23 10:00	05/04/23 10:29	5
Calcium	7700		400	52	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Chromium	14		0.40	0.37	mg/Kg	☼	05/02/23 10:00	05/04/23 09:59	1
Cobalt	6.7		4.0	0.57	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Copper	28		2.0	1.2	mg/Kg	☼	05/02/23 10:00	05/04/23 09:59	1
Iron	50000		40	39	mg/Kg	☼	05/02/23 10:00	05/04/23 10:29	5
Lead	280		4.0	3.5	mg/Kg	☼	05/02/23 10:00	05/04/23 10:29	5
Magnesium	2700		400	44	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Manganese	580		1.2	0.22	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Nickel	17		3.2	0.41	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Potassium	1600		400	69	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Selenium	1.0		0.81	0.37	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Silver	ND		0.40	0.084	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Sodium	41	J	400	41	mg/Kg	☼	05/02/23 10:00	05/03/23 17:03	1
Thallium	ND		8.1	1.1	mg/Kg	☼	05/02/23 10:00	05/04/23 10:29	5
Vanadium	15		4.0	0.64	mg/Kg	☼	05/02/23 10:00	05/04/23 09:59	1
Zinc	700		1.7	1.2	mg/Kg	☼	05/10/23 14:24	05/17/23 18:19	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.46	B	0.039	0.025	mg/Kg	☼	05/01/23 09:05	05/02/23 14:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	22.6		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	77.4		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV87-0.17-0.75

Lab Sample ID: 180-154988-4

Date Collected: 04/12/23 14:45
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 72.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		27	5.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Benzene	ND		6.8	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Bromoform	ND		6.8	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Bromomethane	ND		6.8	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
2-Butanone (MEK)	ND		6.8	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Carbon disulfide	ND		6.8	5.4	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Carbon tetrachloride	ND		6.8	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Chlorobenzene	ND		6.8	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV87-0.17-0.75
Lab Sample ID: 180-154988-4
Date Collected: 04/12/23 14:45
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 72.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		6.8	4.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Chlorodibromomethane	ND		6.8	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Chloroethane	ND		6.8	3.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Chloroform	ND		6.8	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Chloromethane	ND		6.8	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
cis-1,2-Dichloroethene	ND		6.8	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
cis-1,3-Dichloropropene	ND		6.8	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Cyclohexane	ND		6.8	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,2-Dibromo-3-Chloropropane	ND		6.8	4.4	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,2-Dibromoethane	ND		6.8	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,2-Dichlorobenzene	ND		6.8	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,3-Dichlorobenzene	ND		6.8	4.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,4-Dichlorobenzene	ND		6.8	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Dichlorobromomethane	ND		6.8	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Dichlorodifluoromethane	ND		6.8	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,1-Dichloroethane	ND		6.8	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,2-Dichloroethane	ND		6.8	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,1-Dichloroethene	ND		6.8	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,2-Dichloroethene, Total	ND		14	5.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,2-Dichloropropane	ND		6.8	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,4-Dioxane	ND		1400	48	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Ethylbenzene	ND		6.8	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
2-Hexanone	ND		6.8	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Isopropylbenzene	ND		6.8	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Methyl acetate	ND		34	9.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Methylcyclohexane	ND		6.8	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Methylene Chloride	ND		6.8	6.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
4-Methyl-2-pentanone (MIBK)	ND		6.8	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Methyl tert-butyl ether	ND		6.8	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
m-Xylene & p-Xylene	ND		6.8	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
o-Xylene	ND		6.8	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Styrene	ND		6.8	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,1,2,2-Tetrachloroethane	ND		6.8	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Tetrachloroethene	ND		6.8	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Toluene	ND		6.8	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
trans-1,2-Dichloroethene	ND		6.8	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
trans-1,3-Dichloropropene	ND		6.8	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,2,3-Trichlorobenzene	ND		6.8	3.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,2,4-Trichlorobenzene	ND		6.8	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,1,1-Trichloroethane	ND		6.8	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,1,2-Trichloroethane	ND		6.8	1.3	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Trichloroethene	ND		6.8	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Trichlorofluoromethane	ND		6.8	5.6	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.8	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Vinyl chloride	ND		6.8	4.9	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1
Xylenes, Total	ND		14	9.7	ug/Kg	☼	04/26/23 06:47	04/26/23 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*60 - 124*	*04/26/23 06:47*	*04/26/23 12:58*	*1*
Dibromofluoromethane (Surr)	*108*		*69 - 126*	*04/26/23 06:47*	*04/26/23 12:58*	*1*

Client Sample ID: SSHS-IRM5A2-SCV87-0.17-0.75
Date Collected: 04/12/23 14:45
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-4
Matrix: Solid
Percent Solids: 72.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		73 - 135	04/26/23 06:47	04/26/23 12:58	1
Toluene-d8 (Surr)	102		67 - 134	04/26/23 06:47	04/26/23 12:58	1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**60**	**J**	91	26	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Acenaphthylene	**1200**		91	20	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Acetophenone	ND		910	160	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Anthracene	**540**		91	24	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Atrazine	ND		910	200	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Benzaldehyde	ND		910	56	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Benzo[a]anthracene	**1900**		91	41	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Benzo[a]pyrene	**2000**		91	39	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Benzo[b]fluoranthene	**2700**		91	22	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Benzo[g,h,i]perylene	**1600**		91	20	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Benzo[k]fluoranthene	**1000**		91	27	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
1,1'-Biphenyl	ND		450	170	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Bis(2-chloroethoxy)methane	ND		450	170	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Bis(2-chloroethyl)ether	ND		91	16	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Bis(2-ethylhexyl) phthalate	**2700**	**J**	4500	480	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
4-Bromophenyl phenyl ether	ND		450	190	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Butyl benzyl phthalate	ND		450	310	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Caprolactam	ND		2300	300	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Carbazole	**300**		91	21	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
4-Chloroaniline	ND		450	120	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
4-Chloro-3-methylphenol	ND		450	160	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2-Chloronaphthalene	ND		91	21	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2-Chlorophenol	ND		450	170	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
4-Chlorophenyl phenyl ether	ND		450	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Chrysene	**2500**		91	50	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Dibenz(a,h)anthracene	**430**		91	58	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Dibenzofuran	**210**	**J**	450	170	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
3,3'-Dichlorobenzidine	ND		450	420	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2,4-Dichlorophenol	ND		91	35	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Diethyl phthalate	ND		450	160	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2,4-Dimethylphenol	ND		450	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Dimethyl phthalate	ND		450	180	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Di-n-butyl phthalate	ND		450	200	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
4,6-Dinitro-2-methylphenol	ND		2300	780	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2,4-Dinitrophenol	ND		4500	2800	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2,4-Dinitrotoluene	ND		450	270	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2,6-Dinitrotoluene	ND		450	180	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Di-n-octyl phthalate	ND		450	260	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
1,4-Dioxane	ND		910	140	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Fluoranthene	**3900**		91	24	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Fluorene	**270**		91	18	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Hexachlorobenzene	ND		91	33	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Hexachlorobutadiene	ND		91	27	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Hexachlorocyclopentadiene	ND		450	46	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV87-0.17-0.75
Lab Sample ID: 180-154988-4
Date Collected: 04/12/23 14:45
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 72.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		450	160	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Indeno[1,2,3-cd]pyrene	**1400**		91	45	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Isophorone	ND		450	170	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2-Methylnaphthalene	**150**		91	22	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2-Methylphenol	ND		450	130	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Methylphenol, 3 & 4	ND		450	130	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Naphthalene	**370**		91	18	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2-Nitroaniline	ND		2300	210	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
3-Nitroaniline	ND		2300	120	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
4-Nitroaniline	ND		2300	170	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Nitrobenzene	ND		910	170	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2-Nitrophenol	ND		450	170	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
4-Nitrophenol	ND		2300	320	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
N-Nitrosodi-n-propylamine	ND		91	31	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
N-Nitrosodiphenylamine	ND		450	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2,2'-oxybis[1-chloropropane]	ND		91	34	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Pentachlorophenol	ND		2300	730	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Phenanthrene	**2600**		91	24	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Phenol	ND		450	140	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
Pyrene	**3900**		91	22	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
1,2,4,5-Tetrachlorobenzene	ND		450	180	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2,3,4,6-Tetrachlorophenol	ND		450	190	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2,4,5-Trichlorophenol	ND		450	160	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1
2,4,6-Trichlorophenol	ND		450	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*44 - 105*	*04/20/23 17:08*	*04/22/23 22:39*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*04/20/23 17:08*	*04/22/23 22:39*	*1*
Nitrobenzene-d5 (Surr)	*83*		*46 - 105*	*04/20/23 17:08*	*04/22/23 22:39*	*1*
Phenol-d5 (Surr)	*82*		*46 - 105*	*04/20/23 17:08*	*04/22/23 22:39*	*1*
Terphenyl-d14 (Surr)	*82*		*39 - 105*	*04/20/23 17:08*	*04/22/23 22:39*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*34 - 108*	*04/20/23 17:08*	*04/22/23 22:39*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	7.5	ug/Kg	☼	04/18/23 10:51	04/21/23 10:34	1
PCB-1221	ND		23	8.1	ug/Kg	☼	04/18/23 10:51	04/21/23 10:34	1
PCB-1232	ND		23	5.6	ug/Kg	☼	04/18/23 10:51	04/21/23 10:34	1
PCB-1242	ND		23	3.4	ug/Kg	☼	04/18/23 10:51	04/21/23 10:34	1
PCB-1248	ND		23	5.5	ug/Kg	☼	04/18/23 10:51	04/21/23 10:34	1
PCB-1254	ND		23	6.9	ug/Kg	☼	04/18/23 10:51	04/21/23 10:34	1
PCB-1260	ND		23	6.5	ug/Kg	☼	04/18/23 10:51	04/21/23 10:34	1
PCB-1262	ND		23	8.1	ug/Kg	☼	04/18/23 10:51	04/21/23 10:34	1
PCB-1268	ND		23	3.1	ug/Kg	☼	04/18/23 10:51	04/21/23 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*63 - 138*	*04/18/23 10:51*	*04/21/23 10:34*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*63 - 138*	*04/18/23 10:51*	*04/21/23 10:34*	*1*
Tetrachloro-m-xylene (Surr)	*67*		*55 - 135*	*04/18/23 10:51*	*04/21/23 10:34*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*55 - 135*	*04/18/23 10:51*	*04/21/23 10:34*	*1*

Client Sample ID: SSHS-IRM5A2-SCV87-0.17-0.75

Lab Sample ID: 180-154988-4

Date Collected: 04/12/23 14:45
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 72.4

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7100		26	6.5	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Antimony	ND		1.3	0.39	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Arsenic	10		1.3	0.82	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Barium	120		26	4.6	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Beryllium	0.42	J	0.52	0.14	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Cadmium	2.2		0.65	0.096	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Calcium	9000		650	84	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Chromium	14		0.65	0.59	mg/Kg	☼	05/02/23 10:00	05/04/23 10:04	1
Cobalt	6.7		6.5	0.92	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Copper	29		3.3	2.0	mg/Kg	☼	05/02/23 10:00	05/04/23 10:04	1
Iron	23000		13	13	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Lead	270		1.3	1.1	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Magnesium	3400		650	72	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Manganese	530		2.0	0.36	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Nickel	17		5.2	0.66	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Potassium	790		650	110	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Selenium	1.1	J	1.3	0.60	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Silver	ND		0.65	0.14	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Sodium	ND		650	67	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Thallium	ND		2.6	0.37	mg/Kg	☼	05/02/23 10:00	05/03/23 17:08	1
Vanadium	15		6.5	1.0	mg/Kg	☼	05/02/23 10:00	05/04/23 10:04	1
Zinc	860		1.7	1.2	mg/Kg	☼	05/10/23 14:24	05/17/23 18:24	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.32	B	0.046	0.029	mg/Kg	☼	05/01/23 09:05	05/02/23 14:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	27.6		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	72.4		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV87-0.75-1.75

Lab Sample ID: 180-154988-5

Date Collected: 04/12/23 14:50
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 68.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		28	5.4	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Benzene	ND		7.0	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Bromoform	ND		7.0	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Bromomethane	ND		7.0	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
2-Butanone (MEK)	ND		7.0	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Carbon disulfide	ND		7.0	5.6	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Carbon tetrachloride	ND		7.0	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Chlorobenzene	ND		7.0	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Chlorobromomethane	ND		7.0	4.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Chlorodibromomethane	ND		7.0	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Chloroethane	ND		7.0	4.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Chloroform	ND		7.0	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV87-0.75-1.75
Date Collected: 04/12/23 14:50
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-5
Matrix: Solid
Percent Solids: 68.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		7.0	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
cis-1,2-Dichloroethene	ND		7.0	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
cis-1,3-Dichloropropene	ND		7.0	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Cyclohexane	ND		7.0	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,2-Dibromo-3-Chloropropane	ND		7.0	4.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,2-Dibromoethane	ND		7.0	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,2-Dichlorobenzene	ND		7.0	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,3-Dichlorobenzene	ND		7.0	4.3	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,4-Dichlorobenzene	ND		7.0	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Dichlorobromomethane	ND		7.0	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Dichlorodifluoromethane	ND		7.0	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,1-Dichloroethane	ND		7.0	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,2-Dichloroethane	ND		7.0	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,1-Dichloroethene	ND		7.0	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,2-Dichloroethene, Total	ND		14	5.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,2-Dichloropropane	ND		7.0	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,4-Dioxane	ND		1400	49	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Ethylbenzene	ND		7.0	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
2-Hexanone	ND		7.0	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Isopropylbenzene	ND		7.0	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Methyl acetate	ND		35	10	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Methylcyclohexane	ND		7.0	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Methylene Chloride	ND		7.0	6.3	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
4-Methyl-2-pentanone (MIBK)	ND		7.0	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Methyl tert-butyl ether	ND		7.0	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
m-Xylene & p-Xylene	ND		7.0	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
o-Xylene	ND		7.0	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Styrene	ND		7.0	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,1,2,2-Tetrachloroethane	ND		7.0	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Tetrachloroethene	ND		7.0	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Toluene	ND		7.0	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
trans-1,2-Dichloroethene	ND		7.0	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
trans-1,3-Dichloropropene	ND		7.0	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,2,3-Trichlorobenzene	ND		7.0	3.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,2,4-Trichlorobenzene	ND		7.0	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,1,1-Trichloroethane	ND		7.0	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,1,2-Trichloroethane	ND		7.0	1.4	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Trichloroethene	ND		7.0	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Trichlorofluoromethane	ND		7.0	5.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.0	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Vinyl chloride	ND		7.0	5.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1
Xylenes, Total	ND		14	10	ug/Kg	☼	04/26/23 06:47	04/26/23 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*60 - 124*	*04/26/23 06:47*	*04/26/23 14:06*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*	*04/26/23 06:47*	*04/26/23 14:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*124*		*73 - 135*	*04/26/23 06:47*	*04/26/23 14:06*	*1*
Toluene-d8 (Surr)	*105*		*67 - 134*	*04/26/23 06:47*	*04/26/23 14:06*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV87-0.75-1.75
Date Collected: 04/12/23 14:50
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-5
Matrix: Solid
Percent Solids: 68.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**46**	**J**	96	28	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Acenaphthylene	**810**		96	21	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Acetophenone	ND		960	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Anthracene	**420**		96	25	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Atrazine	ND		960	210	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Benzaldehyde	ND		960	59	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Benzo[a]anthracene	**1300**		96	43	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Benzo[a]pyrene	**1400**		96	41	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Benzo[b]fluoranthene	**1800**		96	24	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Benzo[g,h,i]perylene	**1200**		96	21	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Benzo[k]fluoranthene	**620**		96	29	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
1,1'-Biphenyl	ND		470	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Bis(2-chloroethoxy)methane	ND		470	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Bis(2-chloroethyl)ether	ND		96	17	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Bis(2-ethylhexyl) phthalate	ND		4700	510	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
4-Bromophenyl phenyl ether	ND		470	200	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Butyl benzyl phthalate	ND		470	330	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Caprolactam	ND		2400	310	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Carbazole	**82**	**J**	96	22	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
4-Chloroaniline	ND		470	130	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
4-Chloro-3-methylphenol	ND		470	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2-Chloronaphthalene	ND		96	22	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2-Chlorophenol	ND		470	180	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
4-Chlorophenyl phenyl ether	ND		470	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Chrysene	**1500**		96	53	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Dibenz(a,h)anthracene	**280**		96	61	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Dibenzofuran	ND		470	180	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
3,3'-Dichlorobenzidine	ND		470	450	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2,4-Dichlorophenol	ND		96	37	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Diethyl phthalate	ND		470	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2,4-Dimethylphenol	ND		470	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Dimethyl phthalate	ND		470	190	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Di-n-butyl phthalate	ND		470	210	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
4,6-Dinitro-2-methylphenol	ND		2400	820	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2,4-Dinitrophenol	ND		4700	3000	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2,4-Dinitrotoluene	ND		470	290	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2,6-Dinitrotoluene	ND		470	190	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Di-n-octyl phthalate	ND		470	280	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
1,4-Dioxane	ND		960	150	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Fluoranthene	**2000**		96	25	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Fluorene	**96**		96	19	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Hexachlorobenzene	ND		96	34	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Hexachlorobutadiene	ND		96	28	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Hexachlorocyclopentadiene	ND		470	49	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Hexachloroethane	ND		470	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Indeno[1,2,3-cd]pyrene	**930**		96	48	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Isophorone	ND		470	180	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2-Methylnaphthalene	**80**	**J**	96	23	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2-Methylphenol	ND		470	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV87-0.75-1.75
Lab Sample ID: 180-154988-5
Date Collected: 04/12/23 14:50
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 68.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		470	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Naphthalene	**110**		96	19	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2-Nitroaniline	ND		2400	220	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
3-Nitroaniline	ND		2400	120	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
4-Nitroaniline	ND		2400	180	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Nitrobenzene	ND		960	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2-Nitrophenol	ND		470	180	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
4-Nitrophenol	ND		2400	340	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
N-Nitrosodi-n-propylamine	ND		96	32	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
N-Nitrosodiphenylamine	ND		470	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2,2'-oxybis[1-chloropropane]	ND		96	35	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Pentachlorophenol	ND		2400	770	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Phenanthrene	**720**		96	26	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Phenol	ND		470	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
Pyrene	**2600**		96	23	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
1,2,4,5-Tetrachlorobenzene	ND		470	190	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2,3,4,6-Tetrachlorophenol	ND		470	200	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2,4,5-Trichlorophenol	ND		470	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1
2,4,6-Trichlorophenol	ND		470	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*44 - 105*	*04/20/23 17:08*	*04/21/23 17:51*	*1*
2-Fluorophenol (Surr)	*53*		*48 - 105*	*04/20/23 17:08*	*04/21/23 17:51*	*1*
Nitrobenzene-d5 (Surr)	*64*		*46 - 105*	*04/20/23 17:08*	*04/21/23 17:51*	*1*
Phenol-d5 (Surr)	*60*		*46 - 105*	*04/20/23 17:08*	*04/21/23 17:51*	*1*
Terphenyl-d14 (Surr)	*67*		*39 - 105*	*04/20/23 17:08*	*04/21/23 17:51*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*34 - 108*	*04/20/23 17:08*	*04/21/23 17:51*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		24	7.9	ug/Kg	☼	04/18/23 10:51	04/21/23 10:53	1
PCB-1221	ND		24	8.6	ug/Kg	☼	04/18/23 10:51	04/21/23 10:53	1
PCB-1232	ND		24	5.9	ug/Kg	☼	04/18/23 10:51	04/21/23 10:53	1
PCB-1242	ND		24	3.6	ug/Kg	☼	04/18/23 10:51	04/21/23 10:53	1
PCB-1248	ND		24	5.9	ug/Kg	☼	04/18/23 10:51	04/21/23 10:53	1
PCB-1254	ND		24	7.3	ug/Kg	☼	04/18/23 10:51	04/21/23 10:53	1
PCB-1260	ND		24	6.9	ug/Kg	☼	04/18/23 10:51	04/21/23 10:53	1
PCB-1262	ND		24	8.6	ug/Kg	☼	04/18/23 10:51	04/21/23 10:53	1
PCB-1268	ND		24	3.3	ug/Kg	☼	04/18/23 10:51	04/21/23 10:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*72*		*63 - 138*	*04/18/23 10:51*	*04/21/23 10:53*	*1*
DCB Decachlorobiphenyl (Surr)	*77*		*63 - 138*	*04/18/23 10:51*	*04/21/23 10:53*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*55 - 135*	*04/18/23 10:51*	*04/21/23 10:53*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*55 - 135*	*04/18/23 10:51*	*04/21/23 10:53*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6400**		23	5.8	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Antimony	**4.8**		1.2	0.35	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1

Client Sample ID: SSHS-IRM5A2-SCV87-0.75-1.75

Lab Sample ID: 180-154988-5
Date Collected: 04/12/23 14:50
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 68.4

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.7		1.2	0.73	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Barium	120		23	4.1	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Beryllium	0.37	J	0.46	0.13	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Cadmium	1.4		0.58	0.085	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Calcium	8500		580	75	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Chromium	13		0.58	0.53	mg/Kg	☼	05/02/23 10:00	05/04/23 10:09	1
Cobalt	6.2		5.8	0.82	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Copper	28		2.9	1.8	mg/Kg	☼	05/02/23 10:00	05/04/23 10:09	1
Iron	21000		12	11	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Lead	230		1.2	1.0	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Magnesium	2900		580	64	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Manganese	460		1.7	0.32	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Nickel	16		4.6	0.59	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Potassium	700		580	99	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Selenium	0.74	J	1.2	0.54	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Silver	ND		0.58	0.12	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Sodium	ND		580	59	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Thallium	ND		2.3	0.33	mg/Kg	☼	05/02/23 10:00	05/03/23 17:13	1
Vanadium	13		5.8	0.92	mg/Kg	☼	05/02/23 10:00	05/04/23 10:09	1
Zinc	710		1.7	1.2	mg/Kg	☼	05/10/23 14:24	05/17/23 18:29	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.38	B	0.045	0.029	mg/Kg	☼	05/01/23 09:05	05/02/23 14:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	31.6		0.1	0.1	%			04/15/23 17:26	1
Percent Solids (SM22 2540G)	68.4		0.1	0.1	%			04/15/23 17:26	1

Client Sample ID: SSHS-IRM5A2-SCV88-0.50-0.75

Lab Sample ID: 180-154988-6
Date Collected: 04/12/23 14:55
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 78.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Benzene	ND		6.0	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Bromomethane	ND		6.0	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
2-Butanone (MEK)	ND		6.0	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Carbon disulfide	ND		6.0	4.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Carbon tetrachloride	ND		6.0	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Chlorobenzene	ND		6.0	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Chlorobromomethane	ND		6.0	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Chlorodibromomethane	ND		6.0	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Chloroethane	ND		6.0	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Chloroform	ND		6.0	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Chloromethane	ND		6.0	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV88-0.50-0.75
Date Collected: 04/12/23 14:55
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-6
Matrix: Solid
Percent Solids: 78.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Cyclohexane	ND		6.0	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,2-Dibromoethane	ND		6.0	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,2-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,3-Dichlorobenzene	ND		6.0	3.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Dichlorobromomethane	ND		6.0	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Dichlorodifluoromethane	ND		6.0	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,1-Dichloroethane	ND		6.0	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,2-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,1-Dichloroethene	ND		6.0	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,2-Dichloroethene, Total	ND		12	4.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,2-Dichloropropane	ND		6.0	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Ethylbenzene	ND		6.0	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
2-Hexanone	ND		6.0	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Isopropylbenzene	ND		6.0	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Methyl acetate	ND		30	8.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Methylcyclohexane	ND		6.0	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Methylene Chloride	ND		6.0	5.4	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
4-Methyl-2-pentanone (MIBK)	ND		6.0	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Methyl tert-butyl ether	ND		6.0	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
m-Xylene & p-Xylene	ND		6.0	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
o-Xylene	ND		6.0	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Styrene	ND		6.0	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Tetrachloroethene	ND		6.0	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Toluene	ND		6.0	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
trans-1,2-Dichloroethene	ND		6.0	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
trans-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,2,3-Trichlorobenzene	ND		6.0	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,2,4-Trichlorobenzene	ND		6.0	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,1,1-Trichloroethane	ND		6.0	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,1,2-Trichloroethane	ND		6.0	1.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Trichloroethene	ND		6.0	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Trichlorofluoromethane	ND		6.0	5.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Vinyl chloride	ND		6.0	4.3	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1
Xylenes, Total	ND		12	8.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*60 - 124*	*04/26/23 06:47*	*04/26/23 14:28*	*1*
Dibromofluoromethane (Surr)	*103*		*69 - 126*	*04/26/23 06:47*	*04/26/23 14:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*73 - 135*	*04/26/23 06:47*	*04/26/23 14:28*	*1*
Toluene-d8 (Surr)	*107*		*67 - 134*	*04/26/23 06:47*	*04/26/23 14:28*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**150**		84	24	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV88-0.50-0.75
Date Collected: 04/12/23 14:55
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-6
Matrix: Solid
Percent Solids: 78.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**2900**		84	18	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Acetophenone	ND		840	150	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Anthracene	**1700**		84	22	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Atrazine	ND		840	180	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Benzaldehyde	ND		840	52	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Benzo[a]anthracene	**4700**		84	38	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Benzo[a]pyrene	**4500**		84	36	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Benzo[b]fluoranthene	**6000**		84	20	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Benzo[g,h,i]perylene	**4000**		84	18	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Benzo[k]fluoranthene	**2100**		84	25	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
1,1'-Biphenyl	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Bis(2-chloroethoxy)methane	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Bis(2-chloroethyl)ether	ND		84	15	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Bis(2-ethylhexyl) phthalate	ND		4100	440	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
4-Bromophenyl phenyl ether	ND		410	180	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Butyl benzyl phthalate	ND		410	290	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Carbazole	**300**		84	19	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
4-Chloroaniline	ND		410	110	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
4-Chloro-3-methylphenol	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2-Chloronaphthalene	ND		84	19	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2-Chlorophenol	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
4-Chlorophenyl phenyl ether	ND		410	140	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Chrysene	**5600**		84	46	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Dibenz(a,h)anthracene	**910**		84	53	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Dibenzofuran	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
3,3'-Dichlorobenzidine	ND		410	390	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2,4-Dichlorophenol	ND		84	32	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Diethyl phthalate	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2,4-Dimethylphenol	ND		410	140	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Dimethyl phthalate	ND		410	160	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Di-n-butyl phthalate	ND		410	180	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
4,6-Dinitro-2-methylphenol	ND		2100	720	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2,4-Dinitrophenol	ND		4100	2600	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2,4-Dinitrotoluene	ND		410	250	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2,6-Dinitrotoluene	ND		410	160	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Di-n-octyl phthalate	ND		410	240	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
1,4-Dioxane	ND		840	130	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Fluoranthene	**6600**		84	22	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Fluorene	**310**		84	16	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Hexachlorobenzene	ND		84	30	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Hexachlorobutadiene	ND		84	24	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Hexachlorocyclopentadiene	ND		410	43	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Hexachloroethane	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Indeno[1,2,3-cd]pyrene	**3200**		84	41	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Isophorone	ND		410	160	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2-Methylnaphthalene	**240**		84	20	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2-Methylphenol	ND		410	120	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Methylphenol, 3 & 4	ND		410	120	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV88-0.50-0.75
Lab Sample ID: 180-154988-6
Date Collected: 04/12/23 14:55
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 78.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**350**		84	16	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
3-Nitroaniline	ND		2100	110	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Nitrobenzene	ND		840	150	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2-Nitrophenol	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
N-Nitrosodi-n-propylamine	ND		84	28	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
N-Nitrosodiphenylamine	ND		410	140	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2,2'-oxybis[1-chloropropane]	ND		84	31	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Pentachlorophenol	ND		2100	670	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Phenanthrene	**2600**		84	22	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Phenol	ND		410	130	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
Pyrene	**7800**		84	20	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
1,2,4,5-Tetrachlorobenzene	ND		410	160	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2,3,4,6-Tetrachlorophenol	ND		410	170	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2,4,5-Trichlorophenol	ND		410	140	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1
2,4,6-Trichlorophenol	ND		410	140	ug/Kg	☼	04/20/23 17:08	04/21/23 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*44 - 105*	*04/20/23 17:08*	*04/21/23 18:13*	*1*
2-Fluorophenol (Surr)	*48*		*48 - 105*	*04/20/23 17:08*	*04/21/23 18:13*	*1*
Nitrobenzene-d5 (Surr)	*60*		*46 - 105*	*04/20/23 17:08*	*04/21/23 18:13*	*1*
Phenol-d5 (Surr)	*55*		*46 - 105*	*04/20/23 17:08*	*04/21/23 18:13*	*1*
Terphenyl-d14 (Surr)	*57*		*39 - 105*	*04/20/23 17:08*	*04/21/23 18:13*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*34 - 108*	*04/20/23 17:08*	*04/21/23 18:13*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.9	ug/Kg	☼	04/18/23 10:51	04/21/23 11:11	1
PCB-1221	ND		21	7.6	ug/Kg	☼	04/18/23 10:51	04/21/23 11:11	1
PCB-1232	ND		21	5.2	ug/Kg	☼	04/18/23 10:51	04/21/23 11:11	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/18/23 10:51	04/21/23 11:11	1
PCB-1248	ND		21	5.1	ug/Kg	☼	04/18/23 10:51	04/21/23 11:11	1
PCB-1254	ND		21	6.4	ug/Kg	☼	04/18/23 10:51	04/21/23 11:11	1
PCB-1260	ND		21	6.1	ug/Kg	☼	04/18/23 10:51	04/21/23 11:11	1
PCB-1262	ND		21	7.5	ug/Kg	☼	04/18/23 10:51	04/21/23 11:11	1
PCB-1268	ND		21	2.9	ug/Kg	☼	04/18/23 10:51	04/21/23 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*64*		*63 - 138*	*04/18/23 10:51*	*04/21/23 11:11*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*63 - 138*	*04/18/23 10:51*	*04/21/23 11:11*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*55 - 135*	*04/18/23 10:51*	*04/21/23 11:11*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*55 - 135*	*04/18/23 10:51*	*04/21/23 11:11*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7200**		18	4.4	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Antimony	ND		0.89	0.27	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Arsenic	**8.7**		0.89	0.56	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1

Client Sample ID: SSHS-IRM5A2-SCV88-0.50-0.75

Lab Sample ID: 180-154988-6

Date Collected: 04/12/23 14:55
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 78.1

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	110		18	3.2	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Beryllium	0.39		0.36	0.097	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Cadmium	0.81		0.44	0.065	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Calcium	6800		440	57	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Chromium	12		0.44	0.40	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Cobalt	6.2		4.4	0.63	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Copper	23		2.2	1.3	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Iron	16000		8.9	8.7	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Lead	130		0.89	0.77	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Magnesium	3200		440	49	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Manganese	460		1.3	0.25	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Nickel	16		3.6	0.45	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Potassium	860		440	76	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Selenium	0.61	J	0.89	0.41	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Silver	ND		0.44	0.092	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Sodium	ND		440	46	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Thallium	ND		1.8	0.25	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Vanadium	13		4.4	0.70	mg/Kg	☼	05/02/23 10:00	05/03/23 16:14	1
Zinc	210		1.5	1.1	mg/Kg	☼	05/10/23 14:24	05/17/23 18:34	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13	B	0.041	0.026	mg/Kg	☼	05/01/23 09:05	05/02/23 14:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	21.9		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	78.1		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75

Lab Sample ID: 180-154988-7

Date Collected: 04/12/23 15:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 75.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Benzene	ND		6.2	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Bromoform	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Bromomethane	ND		6.2	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
2-Butanone (MEK)	ND		6.2	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Carbon disulfide	ND		6.2	5.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Carbon tetrachloride	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Chlorobenzene	ND		6.2	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Chlorobromomethane	ND		6.2	3.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Chlorodibromomethane	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Chloroethane	ND		6.2	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Chloroform	ND		6.2	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Chloromethane	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
cis-1,2-Dichloroethene	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
cis-1,3-Dichloropropene	ND		6.2	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Lab Sample ID: 180-154988-7
Date Collected: 04/12/23 15:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 75.6

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		6.2	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,2-Dibromo-3-Chloropropane	ND		6.2	4.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,2-Dibromoethane	ND		6.2	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,2-Dichlorobenzene	ND		6.2	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,3-Dichlorobenzene	ND		6.2	3.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,4-Dichlorobenzene	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Dichlorobromomethane	ND		6.2	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Dichlorodifluoromethane	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,1-Dichloroethane	ND		6.2	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,2-Dichloroethane	ND		6.2	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,1-Dichloroethene	ND		6.2	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,2-Dichloroethene, Total	ND		12	5.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,2-Dichloropropane	ND		6.2	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,4-Dioxane	ND		1200	44	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Ethylbenzene	ND		6.2	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
2-Hexanone	ND		6.2	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Isopropylbenzene	ND		6.2	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Methyl acetate	ND		31	9.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Methylcyclohexane	ND		6.2	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Methylene Chloride	ND		6.2	5.6	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
4-Methyl-2-pentanone (MIBK)	ND		6.2	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Methyl tert-butyl ether	ND		6.2	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
m-Xylene & p-Xylene	ND		6.2	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
o-Xylene	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Styrene	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Tetrachloroethene	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Toluene	ND		6.2	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
trans-1,2-Dichloroethene	ND		6.2	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
trans-1,3-Dichloropropene	ND		6.2	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,2,3-Trichlorobenzene	ND		6.2	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,2,4-Trichlorobenzene	ND		6.2	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,1,1-Trichloroethane	ND		6.2	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,1,2-Trichloroethane	ND		6.2	1.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Trichloroethene	ND		6.2	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Trichlorofluoromethane	ND		6.2	5.2	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Vinyl chloride	ND		6.2	4.5	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1
Xylenes, Total	ND		12	9.0	ug/Kg	☼	04/26/23 06:47	04/26/23 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*60 - 124*	*04/26/23 06:47*	*04/26/23 14:51*	*1*
Dibromofluoromethane (Surr)	*107*		*69 - 126*	*04/26/23 06:47*	*04/26/23 14:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*73 - 135*	*04/26/23 06:47*	*04/26/23 14:51*	*1*
Toluene-d8 (Surr)	*106*		*67 - 134*	*04/26/23 06:47*	*04/26/23 14:51*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**210**		87	25	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Acenaphthylene	**5000**		87	19	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Date Collected: 04/12/23 15:00
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-7
Matrix: Solid
Percent Solids: 75.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		870	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Anthracene	**3000**		87	23	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Atrazine	ND		870	190	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Benzaldehyde	ND		870	54	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Benzo[a]anthracene	**15000**		87	39	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Benzo[a]pyrene	**14000**		87	38	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Benzo[b]fluoranthene	**18000**	**E**	87	21	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Benzo[g,h,i]perylene	**12000**		87	19	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Benzo[k]fluoranthene	**6900**		87	26	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
1,1'-Biphenyl	ND		430	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Bis(2-chloroethoxy)methane	ND		430	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Bis(2-chloroethyl)ether	ND		87	16	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Bis(2-ethylhexyl) phthalate	ND		4300	460	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
4-Bromophenyl phenyl ether	ND		430	190	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Butyl benzyl phthalate	ND		430	300	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Carbazole	**830**		87	20	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
4-Chloroaniline	ND		430	110	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
4-Chloro-3-methylphenol	ND		430	150	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2-Chloronaphthalene	ND		87	20	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2-Chlorophenol	ND		430	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
4-Chlorophenyl phenyl ether	ND		430	140	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Chrysene	**16000**		87	48	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Dibenz(a,h)anthracene	**3200**		87	56	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Dibenzofuran	**280**	**J**	430	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
3,3'-Dichlorobenzidine	ND		430	410	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2,4-Dichlorophenol	ND		87	34	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Diethyl phthalate	ND		430	150	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2,4-Dimethylphenol	ND		430	150	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Dimethyl phthalate	ND		430	170	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Di-n-butyl phthalate	ND		430	190	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
4,6-Dinitro-2-methylphenol	ND		2200	750	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2,4-Dinitrophenol	ND		4300	2700	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2,4-Dinitrotoluene	ND		430	260	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2,6-Dinitrotoluene	ND		430	170	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Di-n-octyl phthalate	ND		430	250	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
1,4-Dioxane	ND		870	140	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Fluoranthene	**25000**	**E**	87	23	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Fluorene	**650**		87	17	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Hexachlorobenzene	ND		87	31	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Hexachlorobutadiene	ND		87	25	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Hexachlorocyclopentadiene	ND		430	45	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Hexachloroethane	ND		430	150	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Indeno[1,2,3-cd]pyrene	**9900**		87	43	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Isophorone	ND		430	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2-Methylnaphthalene	**420**		87	21	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2-Methylphenol	ND		430	120	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Methylphenol, 3 & 4	ND		430	130	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Naphthalene	**620**		87	17	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Date Collected: 04/12/23 15:00
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-7
Matrix: Solid
Percent Solids: 75.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		2200	200	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Nitrobenzene	ND		870	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2-Nitrophenol	ND		430	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
4-Nitrophenol	ND		2200	310	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
N-Nitrosodi-n-propylamine	ND		87	30	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
N-Nitrosodiphenylamine	ND		430	140	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2,2'-oxybis[1-chloropropane]	ND		87	32	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Pentachlorophenol	ND		2200	700	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Phenanthrene	**15000**		87	23	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Phenol	ND		430	130	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
Pyrene	**33000**	**E**	87	21	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
1,2,4,5-Tetrachlorobenzene	ND		430	170	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2,3,4,6-Tetrachlorophenol	ND		430	180	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2,4,5-Trichlorophenol	ND		430	150	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1
2,4,6-Trichlorophenol	ND		430	140	ug/Kg	☼	04/20/23 17:08	04/21/23 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*04/20/23 17:08*	*04/21/23 19:37*	*1*
2-Fluorophenol (Surr)	*68*		*48 - 105*	*04/20/23 17:08*	*04/21/23 19:37*	*1*
Nitrobenzene-d5 (Surr)	*65*		*46 - 105*	*04/20/23 17:08*	*04/21/23 19:37*	*1*
Phenol-d5 (Surr)	*71*		*46 - 105*	*04/20/23 17:08*	*04/21/23 19:37*	*1*
Terphenyl-d14 (Surr)	*75*		*39 - 105*	*04/20/23 17:08*	*04/21/23 19:37*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*34 - 108*	*04/20/23 17:08*	*04/21/23 19:37*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**440**	**J**	870	250	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Acenaphthylene	**7900**		870	190	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Acetophenone	ND		8700	1600	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Anthracene	**4500**		870	230	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Atrazine	ND		8700	1900	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Benzaldehyde	ND		8700	540	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Benzo[a]anthracene	**16000**		870	390	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Benzo[a]pyrene	**13000**		870	380	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Benzo[b]fluoranthene	**18000**		870	210	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Benzo[g,h,i]perylene	**11000**		870	190	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Benzo[k]fluoranthene	**5900**		870	260	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
1,1'-Biphenyl	ND		4300	1600	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Bis(2-chloroethoxy)methane	ND		4300	1600	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Bis(2-chloroethyl)ether	ND		870	160	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Bis(2-ethylhexyl) phthalate	ND		43000	4600	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
4-Bromophenyl phenyl ether	ND		4300	1900	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Butyl benzyl phthalate	ND		4300	3000	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Caprolactam	ND		22000	2800	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Carbazole	**1200**		870	200	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
4-Chloroaniline	ND		4300	1100	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
4-Chloro-3-methylphenol	ND		4300	1500	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2-Chloronaphthalene	ND		870	200	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Lab Sample ID: 180-154988-7
Date Collected: 04/12/23 15:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 75.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		4300	1600	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
4-Chlorophenyl phenyl ether	ND		4300	1400	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Chrysene	**18000**		870	480	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Dibenz(a,h)anthracene	**3000**		870	560	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Dibenzofuran	ND		4300	1600	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
3,3'-Dichlorobenzidine	ND		4300	4100	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2,4-Dichlorophenol	ND		870	340	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Diethyl phthalate	ND		4300	1500	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2,4-Dimethylphenol	ND		4300	1500	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Dimethyl phthalate	ND		4300	1700	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Di-n-butyl phthalate	ND		4300	1900	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
4,6-Dinitro-2-methylphenol	ND		22000	7500	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2,4-Dinitrophenol	ND		43000	27000	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2,4-Dinitrotoluene	ND		4300	2600	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2,6-Dinitrotoluene	ND		4300	1700	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Di-n-octyl phthalate	ND		4300	2500	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
1,4-Dioxane	ND		8700	1400	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Fluoranthene	**27000**		870	230	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Fluorene	**1100**		870	170	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Hexachlorobenzene	ND		870	310	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Hexachlorobutadiene	ND		870	250	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Hexachlorocyclopentadiene	ND		4300	450	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Hexachloroethane	ND		4300	1500	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Indeno[1,2,3-cd]pyrene	**8500**		870	430	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Isophorone	ND		4300	1600	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2-Methylnaphthalene	**470**	**J**	870	210	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2-Methylphenol	ND		4300	1200	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Methylphenol, 3 & 4	ND		4300	1300	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Naphthalene	**680**	**J**	870	170	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2-Nitroaniline	ND		22000	2000	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
3-Nitroaniline	ND		22000	1100	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
4-Nitroaniline	ND		22000	1600	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Nitrobenzene	ND		8700	1600	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2-Nitrophenol	ND		4300	1600	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
4-Nitrophenol	ND		22000	3100	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
N-Nitrosodi-n-propylamine	ND		870	300	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
N-Nitrosodiphenylamine	ND		4300	1400	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2,2'-oxybis[1-chloropropane]	ND		870	320	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Pentachlorophenol	ND		22000	7000	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Phenanthrene	**15000**		870	230	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Phenol	ND		4300	1300	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
Pyrene	**29000**		870	210	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
1,2,4,5-Tetrachlorobenzene	ND		4300	1700	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2,3,4,6-Tetrachlorophenol	ND		4300	1800	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2,4,5-Trichlorophenol	ND		4300	1500	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10
2,4,6-Trichlorophenol	ND		4300	1400	ug/Kg	☼	04/20/23 17:08	04/22/23 23:01	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*44 - 105*	*04/20/23 17:08*	*04/22/23 23:01*	*10*
2-Fluorophenol (Surr)	*63*		*48 - 105*	*04/20/23 17:08*	*04/22/23 23:01*	*10*

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Lab Sample ID: 180-154988-7
Date Collected: 04/12/23 15:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 75.6

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*79*		*46 - 105*	*04/20/23 17:08*	*04/22/23 23:01*	*10*
Phenol-d5 (Surr)	*70*		*46 - 105*	*04/20/23 17:08*	*04/22/23 23:01*	*10*
Terphenyl-d14 (Surr)	*76*		*39 - 105*	*04/20/23 17:08*	*04/22/23 23:01*	*10*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*04/20/23 17:08*	*04/22/23 23:01*	*10*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.2	ug/Kg	☼	04/18/23 10:51	04/21/23 11:30	1
PCB-1221	ND		22	7.8	ug/Kg	☼	04/18/23 10:51	04/21/23 11:30	1
PCB-1232	ND		22	5.4	ug/Kg	☼	04/18/23 10:51	04/21/23 11:30	1
PCB-1242	ND		22	3.2	ug/Kg	☼	04/18/23 10:51	04/21/23 11:30	1
PCB-1248	ND		22	5.3	ug/Kg	☼	04/18/23 10:51	04/21/23 11:30	1
PCB-1254	ND		22	6.6	ug/Kg	☼	04/18/23 10:51	04/21/23 11:30	1
PCB-1260	ND		22	6.3	ug/Kg	☼	04/18/23 10:51	04/21/23 11:30	1
PCB-1262	ND		22	7.8	ug/Kg	☼	04/18/23 10:51	04/21/23 11:30	1
PCB-1268	ND		22	3.0	ug/Kg	☼	04/18/23 10:51	04/21/23 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*04/18/23 10:51*	*04/21/23 11:30*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*63 - 138*	*04/18/23 10:51*	*04/21/23 11:30*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*55 - 135*	*04/18/23 10:51*	*04/21/23 11:30*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*55 - 135*	*04/18/23 10:51*	*04/21/23 11:30*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8800**	**F2**	18	4.4	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Antimony	ND	F1 *+	0.88	0.27	mg/Kg	☼	05/08/23 16:29	05/17/23 15:04	1
Arsenic	**5.6**	**F2 F1**	0.88	0.55	mg/Kg	☼	05/08/23 16:29	05/17/23 15:04	1
Barium	**130**	**F2 F1**	18	3.1	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Beryllium	**0.48**	**F1**	0.35	0.096	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Cadmium	**0.60**	**F2 F1**	0.44	0.065	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Calcium	**4800**	**F2 F1**	440	57	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Chromium	**10**	**F2 F1**	0.44	0.40	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Cobalt	**5.4**	**F2 F1**	4.4	0.62	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Copper	**24**	**F2 F1**	2.2	1.3	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Iron	**15000**	**F2**	8.8	8.6	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Lead	**140**	**F2 F1**	0.88	0.77	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Magnesium	**1900**	**F2 F1**	440	48	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Manganese	**470**	**F2**	1.3	0.25	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Nickel	**16**	**F2 F1**	3.5	0.44	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Potassium	**590**	**F2 F1**	440	75	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Selenium	**0.54**	**J F2 F1**	0.88	0.41	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Silver	ND	F2 F1	0.44	0.092	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Sodium	**75**	**J F2 F1**	440	45	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Thallium	**0.96**	**J F2 F1**	1.8	0.25	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Vanadium	**12**	**F2 F1**	4.4	0.70	mg/Kg	☼	05/08/23 16:29	05/15/23 18:32	1
Zinc	**180**	**F2 B**	1.8	1.3	mg/Kg	☼	05/08/23 16:29	05/17/23 15:04	1

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75

Lab Sample ID: 180-154988-7

Date Collected: 04/12/23 15:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 75.6

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14	B	0.043	0.028	mg/Kg	☼	05/01/23 09:05	05/02/23 14:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	24.4		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	75.6		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP24

Lab Sample ID: 180-154988-8

Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 78.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		26	5.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Benzene	ND		6.4	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Bromoform	ND		6.4	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Bromomethane	ND		6.4	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
2-Butanone (MEK)	ND		6.4	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Carbon disulfide	ND		6.4	5.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Carbon tetrachloride	ND		6.4	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Chlorobenzene	ND		6.4	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Chlorobromomethane	ND		6.4	3.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Chlorodibromomethane	ND		6.4	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Chloroethane	ND		6.4	3.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Chloroform	ND		6.4	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Chloromethane	ND		6.4	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
cis-1,2-Dichloroethene	ND		6.4	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
cis-1,3-Dichloropropene	ND		6.4	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Cyclohexane	ND		6.4	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,2-Dibromo-3-Chloropropane	ND		6.4	4.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,2-Dibromoethane	ND		6.4	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,2-Dichlorobenzene	ND		6.4	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,3-Dichlorobenzene	ND		6.4	3.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,4-Dichlorobenzene	ND		6.4	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Dichlorobromomethane	ND		6.4	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Dichlorodifluoromethane	ND		6.4	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,1-Dichloroethane	ND		6.4	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,2-Dichloroethane	ND		6.4	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,1-Dichloroethene	ND		6.4	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,2-Dichloroethene, Total	ND		13	5.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,2-Dichloropropane	ND		6.4	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,4-Dioxane	ND		1300	45	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Ethylbenzene	ND		6.4	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
2-Hexanone	ND		6.4	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Isopropylbenzene	ND		6.4	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Methyl acetate	ND		32	9.4	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Methylcyclohexane	ND		6.4	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Methylene Chloride	ND		6.4	5.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
4-Methyl-2-pentanone (MIBK)	ND		6.4	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Methyl tert-butyl ether	ND		6.4	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP24
Date Collected: 04/12/23 00:00
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-8
Matrix: Solid
Percent Solids: 78.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		6.4	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
o-Xylene	ND		6.4	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Styrene	ND		6.4	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,1,2,2-Tetrachloroethane	ND		6.4	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Tetrachloroethene	ND		6.4	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Toluene	ND		6.4	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
trans-1,2-Dichloroethene	ND		6.4	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
trans-1,3-Dichloropropene	ND		6.4	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,2,3-Trichlorobenzene	ND		6.4	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,2,4-Trichlorobenzene	ND		6.4	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,1,1-Trichloroethane	ND		6.4	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,1,2-Trichloroethane	ND		6.4	1.3	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Trichloroethene	ND		6.4	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Trichlorofluoromethane	ND		6.4	5.3	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.4	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Vinyl chloride	ND		6.4	4.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1
Xylenes, Total	ND		13	9.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*60 - 124*	*04/26/23 06:47*	*04/26/23 15:14*	*1*
Dibromofluoromethane (Surr)	*117*		*69 - 126*	*04/26/23 06:47*	*04/26/23 15:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*73 - 135*	*04/26/23 06:47*	*04/26/23 15:14*	*1*
Toluene-d8 (Surr)	*108*		*67 - 134*	*04/26/23 06:47*	*04/26/23 15:14*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**140**		86	25	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Acenaphthylene	**3000**		86	19	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Acetophenone	ND		860	150	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Anthracene	**1700**		86	22	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Atrazine	ND		860	190	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Benzaldehyde	ND		860	53	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Benzo[a]anthracene	**8000**		86	39	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Benzo[a]pyrene	**7100**		86	37	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Benzo[b]fluoranthene	**9100**		86	21	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Benzo[g,h,i]perylene	**6500**		86	18	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Benzo[k]fluoranthene	**3000**		86	26	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
1,1'-Biphenyl	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Bis(2-chloroethoxy)methane	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Bis(2-chloroethyl)ether	ND		86	15	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Carbazole	**360**		86	20	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2-Chloronaphthalene	ND		86	20	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP24
Lab Sample ID: 180-154988-8
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 78.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**8700**		86	47	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Dibenz(a,h)anthracene	**1600**		86	55	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Dibenzofuran	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
3,3'-Dichlorobenzidine	ND		420	400	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2,4-Dichlorophenol	ND		86	33	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Di-n-butyl phthalate	ND		420	190	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
4,6-Dinitro-2-methylphenol	ND		2200	740	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2,4-Dinitrophenol	ND		4200	2700	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2,6-Dinitrotoluene	ND		420	170	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
1,4-Dioxane	ND		860	130	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Fluoranthene	**13000**		86	23	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Fluorene	**350**		86	17	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Hexachlorobenzene	ND		86	31	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Hexachlorobutadiene	ND		86	25	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Hexachlorocyclopentadiene	ND		420	44	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Indeno[1,2,3-cd]pyrene	**5000**		86	43	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Isophorone	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2-Methylnaphthalene	**300**		86	20	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Methylphenol, 3 & 4	ND		420	130	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Naphthalene	**430**		86	17	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2-Nitroaniline	ND		2200	190	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Nitrobenzene	ND		860	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
N-Nitrosodi-n-propylamine	ND		86	29	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2,2'-oxybis[1-chloropropane]	ND		86	32	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Pentachlorophenol	ND		2200	690	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Phenanthrene	**5300**		86	23	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Phenol	ND		420	130	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
Pyrene	**19000**	**E**	86	20	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/20/23 17:08	04/21/23 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*44 - 105*	*04/20/23 17:08*	*04/21/23 19:59*	*1*
2-Fluorophenol (Surr)	*59*		*48 - 105*	*04/20/23 17:08*	*04/21/23 19:59*	*1*
Nitrobenzene-d5 (Surr)	*60*		*46 - 105*	*04/20/23 17:08*	*04/21/23 19:59*	*1*
Phenol-d5 (Surr)	*63*		*46 - 105*	*04/20/23 17:08*	*04/21/23 19:59*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV-DUP24
Date Collected: 04/12/23 00:00
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-8
Matrix: Solid
Percent Solids: 78.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*74*		*39 - 105*	*04/20/23 17:08*	*04/21/23 19:59*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*34 - 108*	*04/20/23 17:08*	*04/21/23 19:59*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**220**	**J**	260	74	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Acenaphthylene	**4500**		260	56	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Acetophenone	ND		2600	460	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Anthracene	**2500**		260	66	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Atrazine	ND		2600	560	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Benzaldehyde	ND		2600	160	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Benzo[a]anthracene	**7500**		260	120	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Benzo[a]pyrene	**6900**		260	110	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Benzo[b]fluoranthene	**10000**		260	63	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Benzo[g,h,i]perylene	**5700**		260	55	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Benzo[k]fluoranthene	**2400**		260	77	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
1,1'-Biphenyl	ND		1300	470	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Bis(2-chloroethoxy)methane	ND		1300	470	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Bis(2-chloroethyl)ether	ND		260	46	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Bis(2-ethylhexyl) phthalate	ND		13000	1400	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
4-Bromophenyl phenyl ether	ND		1300	550	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Butyl benzyl phthalate	ND		1300	880	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Caprolactam	ND		6500	830	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Carbazole	**460**		260	60	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
4-Chloroaniline	ND		1300	340	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
4-Chloro-3-methylphenol	ND		1300	450	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2-Chloronaphthalene	ND		260	59	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2-Chlorophenol	ND		1300	470	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
4-Chlorophenyl phenyl ether	ND		1300	430	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Chrysene	**8700**		260	140	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Dibenz(a,h)anthracene	**1400**		260	160	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Dibenzofuran	ND		1300	470	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
3,3'-Dichlorobenzidine	ND		1300	1200	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2,4-Dichlorophenol	ND		260	99	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Diethyl phthalate	ND		1300	450	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2,4-Dimethylphenol	ND		1300	430	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Dimethyl phthalate	ND		1300	510	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Di-n-butyl phthalate	ND		1300	560	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
4,6-Dinitro-2-methylphenol	ND		6500	2200	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2,4-Dinitrophenol	ND		13000	8000	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2,4-Dinitrotoluene	ND		1300	760	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2,6-Dinitrotoluene	ND		1300	500	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Di-n-octyl phthalate	ND		1300	750	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
1,4-Dioxane	ND		2600	400	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Fluoranthene	**12000**		260	68	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Fluorene	**540**		260	50	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Hexachlorobenzene	ND		260	92	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Hexachlorobutadiene	ND		260	75	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Hexachlorocyclopentadiene	ND		1300	130	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3

Client Sample ID: SSHS-IRM5A2-SCV-DUP24
Date Collected: 04/12/23 00:00
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-8
Matrix: Solid
Percent Solids: 78.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		1300	450	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Indeno[1,2,3-cd]pyrene	**4600**		260	130	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Isophorone	ND		1300	480	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2-Methylnaphthalene	**260**		260	61	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2-Methylphenol	ND		1300	370	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Methylphenol, 3 & 4	ND		1300	380	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Naphthalene	**450**		260	50	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2-Nitroaniline	ND		6500	580	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
3-Nitroaniline	ND		6500	330	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
4-Nitroaniline	ND		6500	480	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Nitrobenzene	ND		2600	470	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2-Nitrophenol	ND		1300	470	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
4-Nitrophenol	ND		6500	900	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
N-Nitrosodi-n-propylamine	ND		260	87	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
N-Nitrosodiphenylamine	ND		1300	430	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2,2'-oxybis[1-chloropropane]	ND		260	95	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Pentachlorophenol	ND		6500	2100	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Phenanthrene	**5400**		260	69	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Phenol	ND		1300	390	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
Pyrene	**13000**		260	61	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
1,2,4,5-Tetrachlorobenzene	ND		1300	510	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2,3,4,6-Tetrachlorophenol	ND		1300	530	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2,4,5-Trichlorophenol	ND		1300	450	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3
2,4,6-Trichlorophenol	ND		1300	430	ug/Kg	☼	04/20/23 17:08	04/22/23 23:23	3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*44 - 105*	*04/20/23 17:08*	*04/22/23 23:23*	*3*
2-Fluorophenol (Surr)	*52*		*48 - 105*	*04/20/23 17:08*	*04/22/23 23:23*	*3*
Nitrobenzene-d5 (Surr)	*65*		*46 - 105*	*04/20/23 17:08*	*04/22/23 23:23*	*3*
Phenol-d5 (Surr)	*60*		*46 - 105*	*04/20/23 17:08*	*04/22/23 23:23*	*3*
Terphenyl-d14 (Surr)	*62*		*39 - 105*	*04/20/23 17:08*	*04/22/23 23:23*	*3*
2,4,6-Tribromophenol (Surr)	*61*		*34 - 108*	*04/20/23 17:08*	*04/22/23 23:23*	*3*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.9	ug/Kg	☼	04/18/23 10:51	04/21/23 11:49	1
PCB-1221	ND		21	7.6	ug/Kg	☼	04/18/23 10:51	04/21/23 11:49	1
PCB-1232	ND		21	5.2	ug/Kg	☼	04/18/23 10:51	04/21/23 11:49	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/18/23 10:51	04/21/23 11:49	1
PCB-1248	ND		21	5.1	ug/Kg	☼	04/18/23 10:51	04/21/23 11:49	1
PCB-1254	ND		21	6.4	ug/Kg	☼	04/18/23 10:51	04/21/23 11:49	1
PCB-1260	ND		21	6.1	ug/Kg	☼	04/18/23 10:51	04/21/23 11:49	1
PCB-1262	ND		21	7.5	ug/Kg	☼	04/18/23 10:51	04/21/23 11:49	1
PCB-1268	ND		21	2.9	ug/Kg	☼	04/18/23 10:51	04/21/23 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*63 - 138*	*04/18/23 10:51*	*04/21/23 11:49*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*63 - 138*	*04/18/23 10:51*	*04/21/23 11:49*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*55 - 135*	*04/18/23 10:51*	*04/21/23 11:49*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*04/18/23 10:51*	*04/21/23 11:49*	*1*

Client Sample ID: SSHS-IRM5A2-SCV-DUP24

Lab Sample ID: 180-154988-8

Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 78.1

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		18	4.4	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Antimony	ND	*+	0.89	0.27	mg/Kg	☼	05/08/23 16:29	05/17/23 15:24	1
Arsenic	**9.2**		0.89	0.56	mg/Kg	☼	05/08/23 16:29	05/17/23 15:24	1
Barium	**130**		18	3.2	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Beryllium	**0.49**		0.36	0.097	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Cadmium	**0.53**		0.44	0.065	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Calcium	**5900**		440	57	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Chromium	**13**		0.44	0.40	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Cobalt	**6.4**		4.4	0.63	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Copper	**26**		2.2	1.3	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Iron	**19000**		8.9	8.7	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Lead	**140**		0.89	0.77	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Magnesium	**2600**		440	49	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Manganese	**580**		1.3	0.25	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Nickel	**16**		3.6	0.45	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Potassium	**750**		440	76	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Selenium	**1.1**		0.89	0.41	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Silver	ND		0.44	0.093	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Sodium	**69**	**J**	440	46	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Thallium	**1.1**	**J**	1.8	0.25	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Vanadium	**17**		4.4	0.70	mg/Kg	☼	05/08/23 16:29	05/15/23 18:57	1
Zinc	**190**	**B**	1.8	1.3	mg/Kg	☼	05/08/23 16:29	05/17/23 15:24	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**	**B**	0.042	0.027	mg/Kg	☼	05/01/23 09:05	05/02/23 14:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**21.9**		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	**78.1**		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV89-0.50-0.75

Lab Sample ID: 180-154988-9

Date Collected: 04/12/23 15:05
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 80.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**9.1**	**J**	25	4.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Benzene	ND		6.2	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Bromoform	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Bromomethane	ND		6.2	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
2-Butanone (MEK)	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Carbon disulfide	ND		6.2	5.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Carbon tetrachloride	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Chlorobenzene	ND		6.2	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Chlorobromomethane	ND		6.2	3.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Chlorodibromomethane	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Chloroethane	ND		6.2	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Chloroform	ND		6.2	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV89-0.50-0.75
Date Collected: 04/12/23 15:05
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-9
Matrix: Solid
Percent Solids: 80.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
cis-1,2-Dichloroethene	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
cis-1,3-Dichloropropene	ND		6.2	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Cyclohexane	ND		6.2	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,2-Dibromo-3-Chloropropane	ND		6.2	4.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,2-Dibromoethane	ND		6.2	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,2-Dichlorobenzene	ND		6.2	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,3-Dichlorobenzene	ND		6.2	3.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,4-Dichlorobenzene	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Dichlorobromomethane	ND		6.2	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Dichlorodifluoromethane	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,1-Dichloroethane	ND		6.2	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,2-Dichloroethane	ND		6.2	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,1-Dichloroethene	ND		6.2	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,2-Dichloroethene, Total	ND		12	5.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,2-Dichloropropane	ND		6.2	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,4-Dioxane	ND		1200	44	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Ethylbenzene	ND		6.2	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
2-Hexanone	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Isopropylbenzene	ND		6.2	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Methyl acetate	ND		31	9.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Methylcyclohexane	ND		6.2	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Methylene Chloride	ND		6.2	5.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
4-Methyl-2-pentanone (MIBK)	ND		6.2	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Methyl tert-butyl ether	ND		6.2	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
m-Xylene & p-Xylene	ND		6.2	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
o-Xylene	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Styrene	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Tetrachloroethene	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Toluene	ND		6.2	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
trans-1,2-Dichloroethene	ND		6.2	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
trans-1,3-Dichloropropene	ND		6.2	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,2,3-Trichlorobenzene	ND		6.2	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,2,4-Trichlorobenzene	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,1,1-Trichloroethane	ND		6.2	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,1,2-Trichloroethane	ND		6.2	1.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Trichloroethene	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Trichlorofluoromethane	ND		6.2	5.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Vinyl chloride	ND		6.2	4.5	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1
Xylenes, Total	ND		12	8.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*	*04/26/23 06:47*	*04/26/23 15:37*	*1*
Dibromofluoromethane (Surr)	*111*		*69 - 126*	*04/26/23 06:47*	*04/26/23 15:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*73 - 135*	*04/26/23 06:47*	*04/26/23 15:37*	*1*
Toluene-d8 (Surr)	*97*		*67 - 134*	*04/26/23 06:47*	*04/26/23 15:37*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV89-0.50-0.75
Date Collected: 04/12/23 15:05
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-9
Matrix: Solid
Percent Solids: 80.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		81	23	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Acenaphthylene	**150**		81	18	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Acetophenone	ND		810	140	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Anthracene	**82**		81	21	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Atrazine	ND		810	180	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Benzaldehyde	ND		810	50	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Benzo[a]anthracene	**430**		81	37	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Benzo[a]pyrene	**420**		81	35	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Benzo[b]fluoranthene	**540**		81	20	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Benzo[g,h,i]perylene	**380**		81	18	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Benzo[k]fluoranthene	**180**		81	24	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Bis(2-chloroethyl)ether	ND		81	15	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Caprolactam	ND		2100	260	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Carbazole	**29**	**J**	81	19	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2-Chloronaphthalene	ND		81	19	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Chrysene	**510**		81	45	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Dibenz(a,h)anthracene	**89**		81	52	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2,4-Dichlorophenol	ND		81	31	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
1,4-Dioxane	ND		810	130	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Fluoranthene	**640**		81	21	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Fluorene	**26**	**J**	81	16	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Hexachlorobenzene	ND		81	29	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Hexachlorobutadiene	ND		81	24	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Hexachlorocyclopentadiene	ND		400	41	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Indeno[1,2,3-cd]pyrene	**300**		81	40	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Isophorone	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2-Methylnaphthalene	**32**	**J**	81	19	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2-Methylphenol	ND		400	120	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1

Client Sample ID: SSHS-IRM5A2-SCV89-0.50-0.75
Lab Sample ID: 180-154988-9
Date Collected: 04/12/23 15:05
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 80.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Naphthalene	**36**	**J**	81	16	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2-Nitroaniline	ND		2100	180	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Nitrobenzene	ND		810	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
4-Nitrophenol	ND		2100	280	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
N-Nitrosodi-n-propylamine	ND		81	27	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2,2'-oxybis[1-chloropropane]	ND		81	30	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Pentachlorophenol	ND		2100	650	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Phenanthrene	**240**		81	22	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Phenol	ND		400	120	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
Pyrene	**880**		81	19	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	04/20/23 17:08	04/21/23 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*47*		*44 - 105*	*04/20/23 17:08*	*04/21/23 20:21*	*1*
2-Fluorophenol (Surr)	*48*		*48 - 105*	*04/20/23 17:08*	*04/21/23 20:21*	*1*
Nitrobenzene-d5 (Surr)	*49*		*46 - 105*	*04/20/23 17:08*	*04/21/23 20:21*	*1*
Phenol-d5 (Surr)	*52*		*46 - 105*	*04/20/23 17:08*	*04/21/23 20:21*	*1*
Terphenyl-d14 (Surr)	*69*		*39 - 105*	*04/20/23 17:08*	*04/21/23 20:21*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*34 - 108*	*04/20/23 17:08*	*04/21/23 20:21*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.8	ug/Kg	☼	04/18/23 10:51	04/21/23 12:07	1
PCB-1221	ND		21	7.4	ug/Kg	☼	04/18/23 10:51	04/21/23 12:07	1
PCB-1232	ND		21	5.1	ug/Kg	☼	04/18/23 10:51	04/21/23 12:07	1
PCB-1242	ND		21	3.0	ug/Kg	☼	04/18/23 10:51	04/21/23 12:07	1
PCB-1248	ND		21	5.0	ug/Kg	☼	04/18/23 10:51	04/21/23 12:07	1
PCB-1254	ND		21	6.2	ug/Kg	☼	04/18/23 10:51	04/21/23 12:07	1
PCB-1260	ND		21	5.9	ug/Kg	☼	04/18/23 10:51	04/21/23 12:07	1
PCB-1262	ND		21	7.3	ug/Kg	☼	04/18/23 10:51	04/21/23 12:07	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/18/23 10:51	04/21/23 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*87*		*63 - 138*	*04/18/23 10:51*	*04/21/23 12:07*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*63 - 138*	*04/18/23 10:51*	*04/21/23 12:07*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*55 - 135*	*04/18/23 10:51*	*04/21/23 12:07*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*55 - 135*	*04/18/23 10:51*	*04/21/23 12:07*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5000**		18	4.4	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Antimony	ND	*+	0.89	0.27	mg/Kg	☼	05/08/23 16:29	05/17/23 15:29	1

Client Sample ID: SSHS-IRM5A2-SCV89-0.50-0.75

Lab Sample ID: 180-154988-9

Date Collected: 04/12/23 15:05
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 80.1

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3		0.89	0.56	mg/Kg	☼	05/08/23 16:29	05/17/23 15:29	1
Barium	81		18	3.2	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Beryllium	0.36		0.36	0.097	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Cadmium	0.22	J	0.45	0.065	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Calcium	1800		450	58	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Chromium	6.5		0.45	0.41	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Cobalt	4.1	J	4.5	0.63	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Copper	16		2.2	1.3	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Iron	17000		8.9	8.7	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Lead	70		0.89	0.78	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Magnesium	660		450	49	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Manganese	180		1.3	0.25	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Nickel	11		3.6	0.45	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Potassium	430	J	450	76	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Selenium	ND		0.89	0.41	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Silver	ND		0.45	0.093	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Sodium	64	J	450	46	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Thallium	0.65	J	1.8	0.25	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Vanadium	11		4.5	0.71	mg/Kg	☼	05/08/23 16:29	05/15/23 19:02	1
Zinc	80	B	1.8	1.3	mg/Kg	☼	05/08/23 16:29	05/17/23 15:29	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.24	B	0.041	0.026	mg/Kg	☼	05/01/23 09:05	05/02/23 14:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	19.9		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	80.1		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV89-0.75-1.75

Lab Sample ID: 180-154988-10

Date Collected: 04/12/23 15:10
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 79.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Bromomethane	ND		5.9	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
2-Butanone (MEK)	ND		5.9	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Carbon disulfide	ND		5.9	4.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Chlorobromomethane	ND		5.9	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Chloroethane	ND		5.9	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV89-0.75-1.75
Lab Sample ID: 180-154988-10
Date Collected: 04/12/23 15:10
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 79.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,3-Dichlorobenzene	ND		5.9	3.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Dichlorobromomethane	ND		5.9	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Dichlorodifluoromethane	ND		5.9	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,1-Dichloroethene	ND		5.9	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
2-Hexanone	ND		5.9	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Isopropylbenzene	ND		5.9	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Methyl acetate	ND		30	8.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Methylcyclohexane	ND		5.9	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
trans-1,2-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
trans-1,3-Dichloropropene	ND		5.9	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,2,3-Trichlorobenzene	ND		5.9	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Trichloroethene	ND		5.9	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Vinyl chloride	ND		5.9	4.3	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1
Xylenes, Total	ND		12	8.5	ug/Kg	☼	04/26/23 06:47	04/26/23 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*60 - 124*	*04/26/23 06:47*	*04/26/23 15:59*	*1*
Dibromofluoromethane (Surr)	*105*		*69 - 126*	*04/26/23 06:47*	*04/26/23 15:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 135*	*04/26/23 06:47*	*04/26/23 15:59*	*1*
Toluene-d8 (Surr)	*95*		*67 - 134*	*04/26/23 06:47*	*04/26/23 15:59*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		85	24	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV89-0.75-1.75
Date Collected: 04/12/23 15:10
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-10
Matrix: Solid
Percent Solids: 79.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**140**		85	18	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Acetophenone	ND		850	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Anthracene	**80**	**J**	85	22	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Atrazine	ND		850	180	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Benzaldehyde	ND		850	52	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Benzo[a]anthracene	**340**		85	38	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Benzo[a]pyrene	**350**		85	37	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Benzo[b]fluoranthene	**460**		85	21	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Benzo[g,h,i]perylene	**280**		85	18	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Benzo[k]fluoranthene	**170**		85	25	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
1,1'-Biphenyl	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Bis(2-chloroethoxy)methane	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Bis(2-chloroethyl)ether	ND		85	15	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Carbazole	**33**	**J**	85	20	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2-Chloronaphthalene	ND		85	19	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Chrysene	**430**		85	47	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Dibenz(a,h)anthracene	**83**	**J**	85	54	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Dibenzofuran	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
3,3'-Dichlorobenzidine	ND		420	390	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2,4-Dichlorophenol	ND		85	32	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Di-n-butyl phthalate	ND		420	180	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
4,6-Dinitro-2-methylphenol	ND		2100	730	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2,6-Dinitrotoluene	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
1,4-Dioxane	ND		850	130	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Fluoranthene	**600**		85	22	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Fluorene	**22**	**J**	85	17	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Hexachlorobenzene	ND		85	30	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Hexachlorobutadiene	ND		85	25	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Hexachlorocyclopentadiene	ND		420	43	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Indeno[1,2,3-cd]pyrene	**250**		85	42	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Isophorone	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2-Methylnaphthalene	**27**	**J**	85	20	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Methylphenol, 3 & 4	ND		420	120	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1

Client Sample ID: SSHS-IRM5A2-SCV89-0.75-1.75
Date Collected: 04/12/23 15:10
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-10
Matrix: Solid
Percent Solids: 79.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	37	J	85	16	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
3-Nitroaniline	ND		2100	110	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
4-Nitroaniline	ND		2100	160	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Nitrobenzene	ND		850	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
4-Nitrophenol	ND		2100	300	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
N-Nitrosodi-n-propylamine	ND		85	29	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2,2'-oxybis[1-chloropropane]	ND		85	31	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Pentachlorophenol	ND		2100	680	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Phenanthrene	330		85	23	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Phenol	ND		420	130	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
Pyrene	800		85	20	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/20/23 17:08	04/21/23 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*44 - 105*	*04/20/23 17:08*	*04/21/23 20:43*	*1*
2-Fluorophenol (Surr)	*77*		*48 - 105*	*04/20/23 17:08*	*04/21/23 20:43*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*04/20/23 17:08*	*04/21/23 20:43*	*1*
Phenol-d5 (Surr)	*82*		*46 - 105*	*04/20/23 17:08*	*04/21/23 20:43*	*1*
Terphenyl-d14 (Surr)	*102*		*39 - 105*	*04/20/23 17:08*	*04/21/23 20:43*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*34 - 108*	*04/20/23 17:08*	*04/21/23 20:43*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.9	ug/Kg	☼	04/18/23 10:51	04/21/23 12:26	1
PCB-1221	ND		21	7.5	ug/Kg	☼	04/18/23 10:51	04/21/23 12:26	1
PCB-1232	ND		21	5.1	ug/Kg	☼	04/18/23 10:51	04/21/23 12:26	1
PCB-1242	ND		21	3.1	ug/Kg	☼	04/18/23 10:51	04/21/23 12:26	1
PCB-1248	ND		21	5.1	ug/Kg	☼	04/18/23 10:51	04/21/23 12:26	1
PCB-1254	ND		21	6.3	ug/Kg	☼	04/18/23 10:51	04/21/23 12:26	1
PCB-1260	ND		21	6.0	ug/Kg	☼	04/18/23 10:51	04/21/23 12:26	1
PCB-1262	ND		21	7.4	ug/Kg	☼	04/18/23 10:51	04/21/23 12:26	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/18/23 10:51	04/21/23 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*	*04/18/23 10:51*	*04/21/23 12:26*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*63 - 138*	*04/18/23 10:51*	*04/21/23 12:26*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*55 - 135*	*04/18/23 10:51*	*04/21/23 12:26*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*55 - 135*	*04/18/23 10:51*	*04/21/23 12:26*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9800		17	4.3	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Antimony	0.43	J *+	0.87	0.26	mg/Kg	☼	05/08/23 16:29	05/17/23 15:34	1
Arsenic	11		0.87	0.54	mg/Kg	☼	05/08/23 16:29	05/17/23 15:34	1

Client Sample ID: SSHS-IRM5A2-SCV89-0.75-1.75
Lab Sample ID: 180-154988-10

Date Collected: 04/12/23 15:10
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 79.1

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	130		17	3.1	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Beryllium	0.47		0.35	0.094	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Cadmium	0.18	J	0.43	0.064	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Calcium	1100		430	56	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Chromium	12		0.43	0.39	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Cobalt	4.8		4.3	0.61	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Copper	23		2.2	1.3	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Iron	24000		8.7	8.4	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Lead	190		0.87	0.75	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Magnesium	1300		430	48	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Manganese	370		1.3	0.24	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Nickel	12		3.5	0.44	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Potassium	590		430	74	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Selenium	2.2		0.87	0.40	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Silver	ND		0.43	0.090	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Sodium	51	J	430	44	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Thallium	1.0	J	1.7	0.25	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Vanadium	21		4.3	0.68	mg/Kg	☼	05/08/23 16:29	05/15/23 19:17	1
Zinc	92	B	1.7	1.3	mg/Kg	☼	05/08/23 16:29	05/17/23 15:34	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	B	0.041	0.026	mg/Kg	☼	05/01/23 09:05	05/02/23 14:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	20.9		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	79.1		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV90-0.50-0.75
Lab Sample ID: 180-154988-11

Date Collected: 04/12/23 15:15
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 88.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		22	4.4	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Benzene	ND		5.6	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Bromomethane	ND		5.6	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
2-Butanone (MEK)	ND		5.6	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Carbon disulfide	ND		5.6	4.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Carbon tetrachloride	ND		5.6	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Chlorobenzene	ND		5.6	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Chlorobromomethane	ND		5.6	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Chlorodibromomethane	ND		5.6	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Chloroethane	ND		5.6	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Chloroform	ND		5.6	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Chloromethane	ND		5.6	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
cis-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1

Client Sample ID: SSHS-IRM5A2-SCV90-0.50-0.75
Date Collected: 04/12/23 15:15
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-11
Matrix: Solid
Percent Solids: 88.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		5.6	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,2-Dibromo-3-Chloropropane	ND		5.6	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,2-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,3-Dichlorobenzene	ND		5.6	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,4-Dichlorobenzene	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Dichlorobromomethane	ND		5.6	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Dichlorodifluoromethane	ND		5.6	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,1-Dichloroethane	ND		5.6	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,2-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,1-Dichloroethene	ND		5.6	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,2-Dichloropropane	ND		5.6	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Ethylbenzene	ND		5.6	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
2-Hexanone	ND		5.6	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Isopropylbenzene	ND		5.6	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Methyl acetate	ND		28	8.3	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Methylcyclohexane	ND		5.6	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Methylene Chloride	ND		5.6	5.1	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.6	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Methyl tert-butyl ether	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
m-Xylene & p-Xylene	ND		5.6	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
o-Xylene	ND		5.6	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Styrene	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Tetrachloroethene	ND		5.6	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Toluene	ND		5.6	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
trans-1,2-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,2,3-Trichlorobenzene	ND		5.6	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,2,4-Trichlorobenzene	ND		5.6	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,1,1-Trichloroethane	ND		5.6	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,1,2-Trichloroethane	ND		5.6	1.1	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Trichloroethene	ND		5.6	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Trichlorofluoromethane	ND		5.6	4.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Vinyl chloride	ND		5.6	4.0	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1
Xylenes, Total	ND		11	8.1	ug/Kg	☼	04/26/23 06:47	04/26/23 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*60 - 124*	*04/26/23 06:47*	*04/26/23 16:22*	*1*
Dibromofluoromethane (Surr)	*103*		*69 - 126*	*04/26/23 06:47*	*04/26/23 16:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 135*	*04/26/23 06:47*	*04/26/23 16:22*	*1*
Toluene-d8 (Surr)	*93*		*67 - 134*	*04/26/23 06:47*	*04/26/23 16:22*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Acenaphthylene	**31**	**J**	74	16	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV90-0.50-0.75
Date Collected: 04/12/23 15:15
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-11
Matrix: Solid
Percent Solids: 88.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		740	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Anthracene	ND		74	19	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Atrazine	ND		740	160	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Benzaldehyde	ND		740	46	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Benzo[a]anthracene	**83**		74	33	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Benzo[a]pyrene	**81**		74	32	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Benzo[b]fluoranthene	**110**		74	18	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Benzo[g,h,i]perylene	**64**	**J**	74	16	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Benzo[k]fluoranthene	**44**	**J**	74	22	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Bis(2-chloroethyl)ether	ND		74	13	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Butyl benzyl phthalate	ND		360	250	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Caprolactam	ND		1900	240	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Carbazole	ND		74	17	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Chrysene	**89**		74	41	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Dibenzofuran	ND		360	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Dimethyl phthalate	ND		360	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Di-n-butyl phthalate	ND		360	160	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
1,4-Dioxane	ND		740	110	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Fluoranthene	**120**		74	19	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Fluorene	ND		74	14	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Hexachlorocyclopentadiene	ND		360	38	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Hexachloroethane	ND		360	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Indeno[1,2,3-cd]pyrene	**66**	**J**	74	37	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Isophorone	ND		360	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2-Methylphenol	ND		360	110	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Naphthalene	ND		74	14	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1

Client Sample ID: SSHS-IRM5A2-SCV90-0.50-0.75
Date Collected: 04/12/23 15:15
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-11
Matrix: Solid
Percent Solids: 88.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		1900	170	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Nitrobenzene	ND		740	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Phenanthrene	**45**	**J**	74	20	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Phenol	ND		360	110	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
Pyrene	**150**		74	17	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	04/20/23 17:08	04/21/23 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*04/20/23 17:08*	*04/21/23 21:05*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*04/20/23 17:08*	*04/21/23 21:05*	*1*
Nitrobenzene-d5 (Surr)	*68*		*46 - 105*	*04/20/23 17:08*	*04/21/23 21:05*	*1*
Phenol-d5 (Surr)	*72*		*46 - 105*	*04/20/23 17:08*	*04/21/23 21:05*	*1*
Terphenyl-d14 (Surr)	*97*		*39 - 105*	*04/20/23 17:08*	*04/21/23 21:05*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*34 - 108*	*04/20/23 17:08*	*04/21/23 21:05*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	04/18/23 10:51	04/21/23 12:45	1
PCB-1221	ND		19	6.7	ug/Kg	☼	04/18/23 10:51	04/21/23 12:45	1
PCB-1232	ND		19	4.6	ug/Kg	☼	04/18/23 10:51	04/21/23 12:45	1
PCB-1242	ND		19	2.8	ug/Kg	☼	04/18/23 10:51	04/21/23 12:45	1
PCB-1248	ND		19	4.5	ug/Kg	☼	04/18/23 10:51	04/21/23 12:45	1
PCB-1254	ND		19	5.7	ug/Kg	☼	04/18/23 10:51	04/21/23 12:45	1
PCB-1260	ND		19	5.4	ug/Kg	☼	04/18/23 10:51	04/21/23 12:45	1
PCB-1262	ND		19	6.7	ug/Kg	☼	04/18/23 10:51	04/21/23 12:45	1
PCB-1268	ND		19	2.5	ug/Kg	☼	04/18/23 10:51	04/21/23 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*63 - 138*	*04/18/23 10:51*	*04/21/23 12:45*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*63 - 138*	*04/18/23 10:51*	*04/21/23 12:45*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*55 - 135*	*04/18/23 10:51*	*04/21/23 12:45*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*04/18/23 10:51*	*04/21/23 12:45*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13000**		15	3.7	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Antimony	ND	*+	0.75	0.23	mg/Kg	☼	05/08/23 16:29	05/17/23 15:39	1
Arsenic	**6.3**		0.75	0.47	mg/Kg	☼	05/08/23 16:29	05/17/23 15:39	1
Barium	**92**		15	2.7	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1

Client Sample ID: SSHS-IRM5A2-SCV90-0.50-0.75

Lab Sample ID: 180-154988-11

Date Collected: 04/12/23 15:15
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 88.1

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.66		0.30	0.081	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Cadmium	0.29	J	0.37	0.055	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Calcium	2500		370	48	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Chromium	15		0.37	0.34	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Cobalt	11		3.7	0.53	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Copper	24		1.9	1.1	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Iron	24000		7.5	7.3	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Lead	35		0.75	0.65	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Magnesium	3400		370	41	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Manganese	560		1.1	0.21	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Nickel	24		3.0	0.38	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Potassium	810		370	64	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Selenium	0.44	J	0.75	0.34	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Silver	ND		0.37	0.078	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Sodium	38	J	370	38	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Thallium	1.1	J	1.5	0.21	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Vanadium	17		3.7	0.59	mg/Kg	☼	05/08/23 16:29	05/15/23 19:22	1
Zinc	96	B	1.5	1.1	mg/Kg	☼	05/08/23 16:29	05/17/23 15:39	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054	B	0.035	0.023	mg/Kg	☼	05/01/23 09:05	05/02/23 14:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	11.9		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	88.1		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV90-0.75-1.75

Lab Sample ID: 180-154988-12

Date Collected: 04/12/23 15:20
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Benzene	ND		5.8	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Bromoform	ND		5.8	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Bromomethane	ND		5.8	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
2-Butanone (MEK)	ND		5.8	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Carbon disulfide	ND		5.8	4.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Carbon tetrachloride	ND		5.8	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Chlorobenzene	ND		5.8	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Chlorobromomethane	ND		5.8	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Chlorodibromomethane	ND		5.8	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Chloroethane	ND		5.8	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Chloroform	ND		5.8	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Chloromethane	ND		5.8	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
cis-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Cyclohexane	ND		5.8	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1

Client Sample ID: SSHS-IRM5A2-SCV90-0.75-1.75
Date Collected: 04/12/23 15:20
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-12
Matrix: Solid
Percent Solids: 84.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		5.8	3.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,2-Dibromoethane	ND		5.8	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,2-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,3-Dichlorobenzene	ND		5.8	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,4-Dichlorobenzene	ND		5.8	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Dichlorobromomethane	ND		5.8	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Dichlorodifluoromethane	ND		5.8	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,1-Dichloroethane	ND		5.8	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,2-Dichloroethane	ND		5.8	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,1-Dichloroethene	ND		5.8	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,2-Dichloroethene, Total	ND		12	4.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,2-Dichloropropane	ND		5.8	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,4-Dioxane	ND		1200	41	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Ethylbenzene	ND		5.8	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
2-Hexanone	ND		5.8	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Isopropylbenzene	ND		5.8	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Methyl acetate	ND		29	8.5	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Methylcyclohexane	ND		5.8	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Methylene Chloride	ND		5.8	5.2	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.8	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Methyl tert-butyl ether	ND		5.8	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
m-Xylene & p-Xylene	ND		5.8	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
o-Xylene	ND		5.8	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Styrene	ND		5.8	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Tetrachloroethene	ND		5.8	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Toluene	ND		5.8	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
trans-1,2-Dichloroethene	ND		5.8	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
trans-1,3-Dichloropropene	ND		5.8	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,2,3-Trichlorobenzene	ND		5.8	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,1,1-Trichloroethane	ND		5.8	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,1,2-Trichloroethane	ND		5.8	1.1	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Trichloroethene	ND		5.8	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Trichlorofluoromethane	ND		5.8	4.8	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Vinyl chloride	ND		5.8	4.2	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1
Xylenes, Total	ND		12	8.3	ug/Kg	☼	04/26/23 06:47	04/26/23 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*	*04/26/23 06:47*	*04/26/23 16:45*	*1*
Dibromofluoromethane (Surr)	*110*		*69 - 126*	*04/26/23 06:47*	*04/26/23 16:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 135*	*04/26/23 06:47*	*04/26/23 16:45*	*1*
Toluene-d8 (Surr)	*105*		*67 - 134*	*04/26/23 06:47*	*04/26/23 16:45*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**33**	**J**	78	22	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Acenaphthylene	**150**		78	17	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Acetophenone	ND		780	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV90-0.75-1.75
Date Collected: 04/12/23 15:20
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-12
Matrix: Solid
Percent Solids: 84.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**150**		78	20	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Atrazine	ND		780	170	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Benzaldehyde	ND		780	48	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Benzo[a]anthracene	**580**		78	35	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Benzo[a]pyrene	**550**		78	34	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Benzo[b]fluoranthene	**690**		78	19	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Benzo[g,h,i]perylene	**490**		78	17	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Benzo[k]fluoranthene	**280**		78	23	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Bis(2-chloroethyl)ether	ND		78	14	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Bis(2-ethylhexyl) phthalate	ND		3900	410	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Carbazole	**43**	**J**	78	18	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2-Chlorophenol	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Chrysene	**670**		78	43	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Dibenz(a,h)anthracene	**140**		78	50	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Dibenzofuran	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
3,3'-Dichlorobenzidine	ND		390	360	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Dimethyl phthalate	ND		390	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Di-n-butyl phthalate	ND		390	170	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
1,4-Dioxane	ND		780	120	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Fluoranthene	**870**		78	21	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Fluorene	**46**	**J**	78	15	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Hexachlorocyclopentadiene	ND		390	40	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Indeno[1,2,3-cd]pyrene	**400**		78	39	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Isophorone	ND		390	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2-Methylnaphthalene	**30**	**J**	78	19	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Methylphenol, 3 & 4	ND		390	110	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Naphthalene	**32**	**J**	78	15	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1

Client Sample ID: SSHS-IRM5A2-SCV90-0.75-1.75
Date Collected: 04/12/23 15:20
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-12
Matrix: Solid
Percent Solids: 84.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		2000	99	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Nitrobenzene	ND		780	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2-Nitrophenol	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Phenanthrene	**470**		78	21	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Phenol	ND		390	120	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
Pyrene	**1200**		78	18	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
1,2,4,5-Tetrachlorobenzene	ND		390	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*04/20/23 17:08*	*04/21/23 21:27*	*1*
2-Fluorophenol (Surr)	*65*		*48 - 105*	*04/20/23 17:08*	*04/21/23 21:27*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*	*04/20/23 17:08*	*04/21/23 21:27*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*04/20/23 17:08*	*04/21/23 21:27*	*1*
Terphenyl-d14 (Surr)	*94*		*39 - 105*	*04/20/23 17:08*	*04/21/23 21:27*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*34 - 108*	*04/20/23 17:08*	*04/21/23 21:27*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/18/23 10:51	04/21/23 13:03	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/18/23 10:51	04/21/23 13:03	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/18/23 10:51	04/21/23 13:03	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/18/23 10:51	04/21/23 13:03	1
PCB-1248	ND		20	4.7	ug/Kg	☼	04/18/23 10:51	04/21/23 13:03	1
PCB-1254	**23**		20	5.9	ug/Kg	☼	04/18/23 10:51	04/21/23 13:03	1
PCB-1260	ND		20	5.6	ug/Kg	☼	04/18/23 10:51	04/21/23 13:03	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/18/23 10:51	04/21/23 13:03	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/18/23 10:51	04/21/23 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*63 - 138*	*04/18/23 10:51*	*04/21/23 13:03*	*1*
DCB Decachlorobiphenyl (Surr)	*77*		*63 - 138*	*04/18/23 10:51*	*04/21/23 13:03*	*1*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*	*04/18/23 10:51*	*04/21/23 13:03*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*55 - 135*	*04/18/23 10:51*	*04/21/23 13:03*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7900**		15	3.8	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Antimony	ND	*+	0.77	0.23	mg/Kg	☼	05/08/23 16:29	05/17/23 15:44	1
Arsenic	**4.6**		0.77	0.48	mg/Kg	☼	05/08/23 16:29	05/17/23 15:44	1
Barium	**100**		15	2.7	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Beryllium	**0.36**		0.31	0.084	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1

Client Sample ID: SSHS-IRM5A2-SCV90-0.75-1.75

Lab Sample ID: 180-154988-12

Date Collected: 04/12/23 15:20
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.4

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.70		0.38	0.056	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Calcium	2900		380	50	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Chromium	11		0.38	0.35	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Cobalt	6.6		3.8	0.54	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Copper	30		1.9	1.2	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Iron	15000		7.7	7.5	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Lead	60		0.77	0.67	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Magnesium	2300		380	42	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Manganese	330		1.2	0.21	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Nickel	15		3.1	0.39	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Potassium	920		380	65	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Selenium	0.56	J	0.77	0.35	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Silver	ND		0.38	0.080	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Sodium	42	J	380	39	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Thallium	0.64	J	1.5	0.22	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Vanadium	11		3.8	0.61	mg/Kg	☼	05/08/23 16:29	05/15/23 19:27	1
Zinc	130	B	1.5	1.1	mg/Kg	☼	05/08/23 16:29	05/17/23 15:44	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.082	B	0.038	0.025	mg/Kg	☼	05/01/23 09:05	05/02/23 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	15.6		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	84.4		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV91-0.50-0.75

Lab Sample ID: 180-154988-13

Date Collected: 04/12/23 15:25
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 76.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		26	5.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Benzene	ND		6.5	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Bromoform	ND		6.5	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Bromomethane	ND		6.5	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
2-Butanone (MEK)	ND		6.5	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Carbon disulfide	ND		6.5	5.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Carbon tetrachloride	ND		6.5	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Chlorobenzene	ND		6.5	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Chlorobromomethane	ND		6.5	3.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Chlorodibromomethane	ND		6.5	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Chloroethane	ND		6.5	3.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Chloroform	ND		6.5	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Chloromethane	ND		6.5	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
cis-1,2-Dichloroethene	ND		6.5	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
cis-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Cyclohexane	ND		6.5	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,2-Dibromo-3-Chloropropane	ND		6.5	4.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1

Client Sample ID: SSHS-IRM5A2-SCV91-0.50-0.75
Date Collected: 04/12/23 15:25
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-13
Matrix: Solid
Percent Solids: 76.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		6.5	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,2-Dichlorobenzene	ND		6.5	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,3-Dichlorobenzene	ND		6.5	4.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,4-Dichlorobenzene	ND		6.5	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Dichlorobromomethane	ND		6.5	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Dichlorodifluoromethane	ND		6.5	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,1-Dichloroethane	ND		6.5	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,2-Dichloroethane	ND		6.5	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,1-Dichloroethene	ND		6.5	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,2-Dichloroethene, Total	ND		13	5.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,2-Dichloropropane	ND		6.5	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,4-Dioxane	ND		1300	46	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Ethylbenzene	ND		6.5	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
2-Hexanone	ND		6.5	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Isopropylbenzene	ND		6.5	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Methyl acetate	ND		32	9.5	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Methylcyclohexane	ND		6.5	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Methylene Chloride	ND		6.5	5.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
4-Methyl-2-pentanone (MIBK)	ND		6.5	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Methyl tert-butyl ether	ND		6.5	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
m-Xylene & p-Xylene	ND		6.5	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
o-Xylene	ND		6.5	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Styrene	ND		6.5	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,1,2,2-Tetrachloroethane	ND		6.5	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Tetrachloroethene	ND		6.5	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Toluene	ND		6.5	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
trans-1,2-Dichloroethene	ND		6.5	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
trans-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,2,3-Trichlorobenzene	ND		6.5	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,2,4-Trichlorobenzene	ND		6.5	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,1,1-Trichloroethane	ND		6.5	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,1,2-Trichloroethane	ND		6.5	1.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Trichloroethene	ND		6.5	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Trichlorofluoromethane	ND		6.5	5.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.5	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Vinyl chloride	ND		6.5	4.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1
Xylenes, Total	ND		13	9.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*60 - 124*	*04/26/23 06:47*	*04/26/23 17:07*	*1*
Dibromofluoromethane (Surr)	*118*		*69 - 126*	*04/26/23 06:47*	*04/26/23 17:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*73 - 135*	*04/26/23 06:47*	*04/26/23 17:07*	*1*
Toluene-d8 (Surr)	*107*		*67 - 134*	*04/26/23 06:47*	*04/26/23 17:07*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		85	24	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Acenaphthylene	**60**	**J**	85	19	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Acetophenone	ND		850	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Anthracene	**63**	**J**	85	22	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV91-0.50-0.75
Lab Sample ID: 180-154988-13
Date Collected: 04/12/23 15:25
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 76.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		850	190	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Benzaldehyde	ND		850	53	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Benzo[a]anthracene	**300**		85	38	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Benzo[a]pyrene	**280**		85	37	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Benzo[b]fluoranthene	**330**		85	21	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Benzo[g,h,i]perylene	**230**		85	18	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Benzo[k]fluoranthene	**140**		85	25	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
1,1'-Biphenyl	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Bis(2-chloroethoxy)methane	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Bis(2-chloroethyl)ether	ND		85	15	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Butyl benzyl phthalate	ND		420	290	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Carbazole	**26**	**J**	85	20	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2-Chloronaphthalene	ND		85	19	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Chrysene	**300**		85	47	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Dibenz(a,h)anthracene	**72**	**J**	85	54	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Dibenzofuran	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
3,3'-Dichlorobenzidine	ND		420	390	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2,4-Dichlorophenol	ND		85	33	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Dimethyl phthalate	ND		420	170	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Di-n-butyl phthalate	ND		420	190	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
4,6-Dinitro-2-methylphenol	ND		2200	730	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2,6-Dinitrotoluene	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
1,4-Dioxane	ND		850	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Fluoranthene	**450**		85	22	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Fluorene	**24**	**J**	85	17	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Hexachlorobenzene	ND		85	30	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Hexachlorobutadiene	ND		85	25	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Hexachlorocyclopentadiene	ND		420	43	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Hexachloroethane	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Indeno[1,2,3-cd]pyrene	**170**		85	42	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Isophorone	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2-Methylnaphthalene	ND		85	20	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2-Methylphenol	ND		420	120	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Methylphenol, 3 & 4	ND		420	120	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Naphthalene	ND		85	16	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2-Nitroaniline	ND		2200	190	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV91-0.50-0.75
Lab Sample ID: 180-154988-13
Date Collected: 04/12/23 15:25
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 76.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Nitrobenzene	ND		850	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
N-Nitrosodi-n-propylamine	ND		85	29	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2,2'-oxybis[1-chloropropane]	ND		85	31	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Pentachlorophenol	ND		2200	680	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Phenanthrene	**220**		85	23	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Phenol	ND		420	130	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
Pyrene	**600**		85	20	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	04/20/23 17:08	04/21/23 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*44 - 105*	*04/20/23 17:08*	*04/21/23 21:49*	*1*
2-Fluorophenol (Surr)	*63*		*48 - 105*	*04/20/23 17:08*	*04/21/23 21:49*	*1*
Nitrobenzene-d5 (Surr)	*61*		*46 - 105*	*04/20/23 17:08*	*04/21/23 21:49*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*04/20/23 17:08*	*04/21/23 21:49*	*1*
Terphenyl-d14 (Surr)	*84*		*39 - 105*	*04/20/23 17:08*	*04/21/23 21:49*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*34 - 108*	*04/20/23 17:08*	*04/21/23 21:49*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.1	ug/Kg	☼	04/18/23 10:51	04/21/23 13:22	1
PCB-1221	ND		22	7.7	ug/Kg	☼	04/18/23 10:51	04/21/23 13:22	1
PCB-1232	ND		22	5.3	ug/Kg	☼	04/18/23 10:51	04/21/23 13:22	1
PCB-1242	ND		22	3.2	ug/Kg	☼	04/18/23 10:51	04/21/23 13:22	1
PCB-1248	ND		22	5.2	ug/Kg	☼	04/18/23 10:51	04/21/23 13:22	1
PCB-1254	ND		22	6.5	ug/Kg	☼	04/18/23 10:51	04/21/23 13:22	1
PCB-1260	ND		22	6.2	ug/Kg	☼	04/18/23 10:51	04/21/23 13:22	1
PCB-1262	ND		22	7.6	ug/Kg	☼	04/18/23 10:51	04/21/23 13:22	1
PCB-1268	ND		22	2.9	ug/Kg	☼	04/18/23 10:51	04/21/23 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*04/18/23 10:51*	*04/21/23 13:22*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*63 - 138*	*04/18/23 10:51*	*04/21/23 13:22*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*55 - 135*	*04/18/23 10:51*	*04/21/23 13:22*	*1*
Tetrachloro-m-xylene (Surr)	*77*		*55 - 135*	*04/18/23 10:51*	*04/21/23 13:22*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		18	4.5	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Antimony	ND	*+	0.90	0.27	mg/Kg	☼	05/08/23 16:29	05/17/23 15:59	1
Arsenic	**7.9**		0.90	0.57	mg/Kg	☼	05/08/23 16:29	05/17/23 15:59	1
Barium	**110**		18	3.2	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Beryllium	**0.51**		0.36	0.099	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Cadmium	**0.49**		0.45	0.066	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1

Client Sample ID: SSHS-IRM5A2-SCV91-0.50-0.75

Lab Sample ID: 180-154988-13

Date Collected: 04/12/23 15:25
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 76.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	7100		450	58	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Chromium	14		0.45	0.41	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Cobalt	10		4.5	0.64	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Copper	34		2.3	1.4	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Iron	21000		9.0	8.8	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Lead	110		0.90	0.79	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Magnesium	3600		450	50	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Manganese	450		1.4	0.25	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Nickel	24		3.6	0.46	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Potassium	850		450	77	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Selenium	0.53	J	0.90	0.42	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Silver	ND		0.45	0.094	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Sodium	55	J	450	46	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Thallium	1.1	J	1.8	0.26	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Vanadium	16		4.5	0.72	mg/Kg	☼	05/08/23 16:29	05/15/23 19:32	1
Zinc	140	B	1.8	1.3	mg/Kg	☼	05/08/23 16:29	05/17/23 15:59	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13	B	0.043	0.028	mg/Kg	☼	05/01/23 09:05	05/02/23 14:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	23.2		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	76.8		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV91-0.75-1.75

Lab Sample ID: 180-154988-14

Date Collected: 04/12/23 15:30
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 83.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Bromomethane	ND		5.9	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
2-Butanone (MEK)	ND		5.9	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Carbon disulfide	ND		5.9	4.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Chlorobromomethane	ND		5.9	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Chloroethane	ND		5.9	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1

Client Sample ID: SSHS-IRM5A2-SCV91-0.75-1.75
Date Collected: 04/12/23 15:30
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-14
Matrix: Solid
Percent Solids: 83.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,3-Dichlorobenzene	ND		5.9	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Dichlorobromomethane	ND		5.9	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Dichlorodifluoromethane	ND		5.9	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,1-Dichloroethene	ND		5.9	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,4-Dioxane	ND		1200	41	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
2-Hexanone	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Isopropylbenzene	ND		5.9	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Methyl acetate	ND		29	8.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Methylcyclohexane	ND		5.9	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
trans-1,2-Dichloroethene	ND		5.9	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,2,3-Trichlorobenzene	ND		5.9	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Trichloroethene	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Vinyl chloride	ND		5.9	4.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1
Xylenes, Total	ND		12	8.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 124*	*04/26/23 06:47*	*04/26/23 17:30*	*1*
Dibromofluoromethane (Surr)	*108*		*69 - 126*	*04/26/23 06:47*	*04/26/23 17:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*73 - 135*	*04/26/23 06:47*	*04/26/23 17:30*	*1*
Toluene-d8 (Surr)	*95*		*67 - 134*	*04/26/23 06:47*	*04/26/23 17:30*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**150**		80	23	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Acenaphthylene	**100**		80	17	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Acetophenone	ND		800	140	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Anthracene	**440**		80	21	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Atrazine	ND		800	170	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV91-0.75-1.75
Lab Sample ID: 180-154988-14
Date Collected: 04/12/23 15:30
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 83.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		800	49	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Benzo[a]anthracene	**1800**		80	36	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Benzo[a]pyrene	**1600**		80	34	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Benzo[b]fluoranthene	**1900**		80	20	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Benzo[g,h,i]perylene	**1200**		80	17	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Benzo[k]fluoranthene	**600**		80	24	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
1,1'-Biphenyl	ND		390	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Bis(2-chloroethoxy)methane	ND		390	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Bis(2-chloroethyl)ether	ND		80	14	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Carbazole	**190**		80	19	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2-Chloronaphthalene	ND		80	18	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Chrysene	**1700**		80	44	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Dibenz(a,h)anthracene	**350**		80	51	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Dibenzofuran	ND		390	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2,4-Dichlorophenol	ND		80	31	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Dimethyl phthalate	ND		390	160	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Di-n-butyl phthalate	**260**	**J**	390	170	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2,4-Dinitrophenol	ND		3900	2500	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
1,4-Dioxane	ND		800	120	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Fluoranthene	**2800**		80	21	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Fluorene	**140**		80	16	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Hexachlorobenzene	ND		80	28	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Hexachlorobutadiene	ND		80	23	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Hexachlorocyclopentadiene	ND		390	41	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Indeno[1,2,3-cd]pyrene	**1000**		80	40	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Isophorone	ND		390	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2-Methylnaphthalene	**41**	**J**	80	19	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Naphthalene	**37**	**J**	80	15	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV91-0.75-1.75
Lab Sample ID: 180-154988-14
Date Collected: 04/12/23 15:30
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 83.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		800	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
N-Nitrosodi-n-propylamine	ND		80	27	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2,2'-oxybis[1-chloropropane]	ND		80	29	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Phenanthrene	**1700**		80	21	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Phenol	ND		390	120	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
Pyrene	**3300**		80	19	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2,3,4,6-Tetrachlorophenol	ND		390	170	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/20/23 17:08	04/21/23 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*44 - 105*	*04/20/23 17:08*	*04/21/23 22:11*	*1*
2-Fluorophenol (Surr)	*78*		*48 - 105*	*04/20/23 17:08*	*04/21/23 22:11*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*	*04/20/23 17:08*	*04/21/23 22:11*	*1*
Phenol-d5 (Surr)	*80*		*46 - 105*	*04/20/23 17:08*	*04/21/23 22:11*	*1*
Terphenyl-d14 (Surr)	*101*		*39 - 105*	*04/20/23 17:08*	*04/21/23 22:11*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*34 - 108*	*04/20/23 17:08*	*04/21/23 22:11*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	04/18/23 10:51	04/21/23 13:41	1
PCB-1221	ND		20	7.1	ug/Kg	☼	04/18/23 10:51	04/21/23 13:41	1
PCB-1232	ND		20	4.9	ug/Kg	☼	04/18/23 10:51	04/21/23 13:41	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/18/23 10:51	04/21/23 13:41	1
PCB-1248	ND		20	4.8	ug/Kg	☼	04/18/23 10:51	04/21/23 13:41	1
PCB-1254	ND		20	6.0	ug/Kg	☼	04/18/23 10:51	04/21/23 13:41	1
PCB-1260	ND		20	5.7	ug/Kg	☼	04/18/23 10:51	04/21/23 13:41	1
PCB-1262	ND		20	7.0	ug/Kg	☼	04/18/23 10:51	04/21/23 13:41	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/18/23 10:51	04/21/23 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*57*	*S1-*	*63 - 138*	*04/18/23 10:51*	*04/21/23 13:41*	*1*
DCB Decachlorobiphenyl (Surr)	*66*		*63 - 138*	*04/18/23 10:51*	*04/21/23 13:41*	*1*
Tetrachloro-m-xylene (Surr)	*63*		*55 - 135*	*04/18/23 10:51*	*04/21/23 13:41*	*1*
Tetrachloro-m-xylene (Surr)	*68*		*55 - 135*	*04/18/23 10:51*	*04/21/23 13:41*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8300**		16	4.1	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Antimony	ND	*+	0.82	0.25	mg/Kg	☼	05/08/23 16:29	05/17/23 16:04	1
Arsenic	**8.9**		0.82	0.51	mg/Kg	☼	05/08/23 16:29	05/17/23 16:04	1
Barium	**170**		16	2.9	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Beryllium	**0.57**		0.33	0.089	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Cadmium	**0.99**		0.41	0.060	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Calcium	**7500**		410	53	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1

Client Sample ID: SSHS-IRM5A2-SCV91-0.75-1.75

Lab Sample ID: 180-154988-14

Date Collected: 04/12/23 15:30
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 83.4

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	13		0.41	0.37	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Cobalt	7.7		4.1	0.58	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Copper	49		2.1	1.2	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Iron	16000		8.2	8.0	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Lead	270		0.82	0.72	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Magnesium	2400		410	45	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Manganese	280		1.2	0.23	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Nickel	23		3.3	0.41	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Potassium	710		410	70	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Selenium	0.75	J	0.82	0.38	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Silver	ND		0.41	0.085	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Sodium	110	J	410	42	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Thallium	0.89	J	1.6	0.23	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Vanadium	18		4.1	0.65	mg/Kg	☼	05/08/23 16:29	05/15/23 19:37	1
Zinc	210	B	1.6	1.2	mg/Kg	☼	05/08/23 16:29	05/17/23 16:04	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11	B	0.035	0.023	mg/Kg	☼	05/01/23 09:05	05/02/23 14:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	16.6		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	83.4		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV92-0.50-0.75

Lab Sample ID: 180-154988-15

Date Collected: 04/12/23 15:35
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 81.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Bromomethane	ND		5.9	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
2-Butanone (MEK)	ND		5.9	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Carbon disulfide	ND		5.9	4.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Chlorobromomethane	ND		5.9	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Chloroethane	ND		5.9	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV92-0.50-0.75
Lab Sample ID: 180-154988-15
Date Collected: 04/12/23 15:35
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 81.8

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		5.9	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Dichlorobromomethane	ND		5.9	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Dichlorodifluoromethane	ND		5.9	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,1-Dichloroethene	ND		5.9	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
2-Hexanone	ND		5.9	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Isopropylbenzene	ND		5.9	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Methyl acetate	ND		30	8.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Methylcyclohexane	ND		5.9	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
trans-1,2-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
trans-1,3-Dichloropropene	ND		5.9	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,2,3-Trichlorobenzene	ND		5.9	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Trichloroethene	ND		5.9	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Vinyl chloride	ND		5.9	4.3	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1
Xylenes, Total	ND		12	8.5	ug/Kg	☼	04/26/23 06:47	04/26/23 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*60 - 124*	*04/26/23 06:47*	*04/26/23 17:53*	*1*
Dibromofluoromethane (Surr)	*111*		*69 - 126*	*04/26/23 06:47*	*04/26/23 17:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*73 - 135*	*04/26/23 06:47*	*04/26/23 17:53*	*1*
Toluene-d8 (Surr)	*98*		*67 - 134*	*04/26/23 06:47*	*04/26/23 17:53*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**28**	**J**	81	23	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Acenaphthylene	**130**		81	18	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Acetophenone	ND		810	140	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Anthracene	**120**		81	21	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Atrazine	ND		810	180	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Benzaldehyde	ND		810	50	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV92-0.50-0.75
Lab Sample ID: 180-154988-15
Date Collected: 04/12/23 15:35
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 81.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	**530**		81	37	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Benzo[a]pyrene	**500**		81	35	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Benzo[b]fluoranthene	**720**		81	20	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Benzo[g,h,i]perylene	**460**		81	17	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Benzo[k]fluoranthene	**180**		81	24	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Bis(2-chloroethyl)ether	ND		81	15	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Caprolactam	ND		2100	260	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Carbazole	**45**	**J**	81	19	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2-Chloronaphthalene	ND		81	19	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Chrysene	**580**		81	45	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Dibenz(a,h)anthracene	**120**		81	52	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2,4-Dichlorophenol	ND		81	31	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
1,4-Dioxane	ND		810	130	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Fluoranthene	**730**		81	21	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Fluorene	**34**	**J**	81	16	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Hexachlorobenzene	ND		81	29	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Hexachlorobutadiene	ND		81	24	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Hexachlorocyclopentadiene	ND		400	41	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Indeno[1,2,3-cd]pyrene	**330**		81	40	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Isophorone	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2-Methylnaphthalene	**28**	**J**	81	19	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2-Methylphenol	ND		400	120	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Naphthalene	**32**	**J**	81	16	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2-Nitroaniline	ND		2100	180	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Nitrobenzene	ND		810	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1

Client Sample ID: SSHS-IRM5A2-SCV92-0.50-0.75
Date Collected: 04/12/23 15:35
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-15
Matrix: Solid
Percent Solids: 81.8

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
4-Nitrophenol	ND		2100	280	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
N-Nitrosodi-n-propylamine	ND		81	27	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2,2'-oxybis[1-chloropropane]	ND		81	30	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Pentachlorophenol	ND		2100	650	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Phenanthrene	**350**		81	22	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Phenol	ND		400	120	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
Pyrene	**1000**		81	19	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	04/20/23 17:08	04/21/23 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*44 - 105*	*04/20/23 17:08*	*04/21/23 22:33*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*04/20/23 17:08*	*04/21/23 22:33*	*1*
Nitrobenzene-d5 (Surr)	*68*		*46 - 105*	*04/20/23 17:08*	*04/21/23 22:33*	*1*
Phenol-d5 (Surr)	*73*		*46 - 105*	*04/20/23 17:08*	*04/21/23 22:33*	*1*
Terphenyl-d14 (Surr)	*97*		*39 - 105*	*04/20/23 17:08*	*04/21/23 22:33*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*34 - 108*	*04/20/23 17:08*	*04/21/23 22:33*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	04/18/23 10:51	04/21/23 13:59	1
PCB-1221	ND		20	7.2	ug/Kg	☼	04/18/23 10:51	04/21/23 13:59	1
PCB-1232	ND		20	5.0	ug/Kg	☼	04/18/23 10:51	04/21/23 13:59	1
PCB-1242	ND		20	3.0	ug/Kg	☼	04/18/23 10:51	04/21/23 13:59	1
PCB-1248	ND		20	4.9	ug/Kg	☼	04/18/23 10:51	04/21/23 13:59	1
PCB-1254	ND		20	6.1	ug/Kg	☼	04/18/23 10:51	04/21/23 13:59	1
PCB-1260	ND		20	5.8	ug/Kg	☼	04/18/23 10:51	04/21/23 13:59	1
PCB-1262	ND		20	7.2	ug/Kg	☼	04/18/23 10:51	04/21/23 13:59	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/18/23 10:51	04/21/23 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*63 - 138*	*04/18/23 10:51*	*04/21/23 13:59*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*04/18/23 10:51*	*04/21/23 13:59*	*1*
Tetrachloro-m-xylene (Surr)	*68*		*55 - 135*	*04/18/23 10:51*	*04/21/23 13:59*	*1*
Tetrachloro-m-xylene (Surr)	*72*		*55 - 135*	*04/18/23 10:51*	*04/21/23 13:59*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8800**		16	4.0	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Antimony	ND	*+	0.79	0.24	mg/Kg	☼	05/08/23 16:29	05/17/23 16:09	1
Arsenic	**6.6**		0.79	0.50	mg/Kg	☼	05/08/23 16:29	05/17/23 16:09	1
Barium	**100**		16	2.8	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Beryllium	**0.43**		0.32	0.086	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Cadmium	**0.55**		0.40	0.058	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Calcium	**6000**		400	51	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Chromium	**11**		0.40	0.36	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1

Client Sample ID: SSHS-IRM5A2-SCV92-0.50-0.75

Lab Sample ID: 180-154988-15

Date Collected: 04/12/23 15:35
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 81.8

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	6.4		4.0	0.56	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Copper	27		2.0	1.2	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Iron	16000		7.9	7.7	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Lead	73		0.79	0.69	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Magnesium	2500		400	44	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Manganese	430		1.2	0.22	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Nickel	16		3.2	0.40	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Potassium	800		400	68	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Selenium	0.85		0.79	0.37	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Silver	ND		0.40	0.083	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Sodium	52	J	400	41	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Thallium	0.81	J	1.6	0.23	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Vanadium	14		4.0	0.63	mg/Kg	☼	05/08/23 16:29	05/15/23 19:42	1
Zinc	150	B	1.6	1.2	mg/Kg	☼	05/08/23 16:29	05/17/23 16:09	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.068	B	0.040	0.026	mg/Kg	☼	05/01/23 09:05	05/02/23 14:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	18.2		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	81.8		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP25

Lab Sample ID: 180-154988-16

Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 81.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.3	J	23	4.5	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
2-Butanone (MEK)	ND		5.7	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Carbon disulfide	ND		5.7	4.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Chloroethane	ND		5.7	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Chloroform	ND		5.7	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Chloromethane	ND		5.7	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP25
Lab Sample ID: 180-154988-16
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 81.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Dichlorobromomethane	ND		5.7	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Dichlorodifluoromethane	ND		5.7	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,2-Dichloroethane	ND		5.7	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,2-Dichloroethene, Total	ND		11	4.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,4-Dioxane	ND		1100	41	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Methyl acetate	ND		29	8.4	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Methylcyclohexane	ND		5.7	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Methylene Chloride	ND		5.7	5.2	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Toluene	ND		5.7	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,2,3-Trichlorobenzene	ND		5.7	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Trichlorofluoromethane	ND		5.7	4.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1
Xylenes, Total	ND		11	8.3	ug/Kg	☼	04/26/23 06:47	04/26/23 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*60 - 124*	*04/26/23 06:47*	*04/26/23 18:15*	*1*
Dibromofluoromethane (Surr)	*111*		*69 - 126*	*04/26/23 06:47*	*04/26/23 18:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*73 - 135*	*04/26/23 06:47*	*04/26/23 18:15*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*	*04/26/23 06:47*	*04/26/23 18:15*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**23**	**J**	81	23	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Acenaphthylene	**190**		81	18	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Acetophenone	ND		810	140	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Anthracene	**130**		81	21	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Atrazine	ND		810	180	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Benzaldehyde	ND		810	50	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Benzo[a]anthracene	**380**		81	36	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154988-1

Client Sample ID: SSHS-IRM5A2-SCV-DUP25
Date Collected: 04/12/23 00:00
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-16
Matrix: Solid
Percent Solids: 81.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**400**		81	35	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Benzo[b]fluoranthene	**580**		81	20	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Benzo[g,h,i]perylene	**320**		81	17	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Benzo[k]fluoranthene	**150**		81	24	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Bis(2-chloroethyl)ether	ND		81	15	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Caprolactam	ND		2100	260	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Carbazole	**36**	**J**	81	19	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2-Chloronaphthalene	ND		81	18	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Chrysene	**450**		81	45	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Dibenz(a,h)anthracene	**73**	**J**	81	52	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2,4-Dichlorophenol	ND		81	31	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
4,6-Dinitro-2-methylphenol	ND		2100	690	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Di-n-octyl phthalate	ND		400	230	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
1,4-Dioxane	ND		810	130	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Fluoranthene	**620**		81	21	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Fluorene	**31**	**J**	81	16	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Hexachlorobenzene	ND		81	29	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Hexachlorobutadiene	ND		81	24	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Hexachlorocyclopentadiene	ND		400	41	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Hexachloroethane	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Indeno[1,2,3-cd]pyrene	**260**		81	40	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Isophorone	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2-Methylnaphthalene	**28**	**J**	81	19	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2-Methylphenol	ND		400	120	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Naphthalene	**29**	**J**	81	16	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2-Nitroaniline	ND		2100	180	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Nitrobenzene	ND		810	150	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP25
Lab Sample ID: 180-154988-16
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 81.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		2100	280	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
N-Nitrosodi-n-propylamine	ND		81	27	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2,2'-oxybis[1-chloropropane]	ND		81	30	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Pentachlorophenol	ND		2100	650	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Phenanthrene	**260**		81	22	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Phenol	ND		400	120	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
Pyrene	**640**		81	19	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	04/20/23 17:08	04/22/23 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*44 - 105*	*04/20/23 17:08*	*04/22/23 23:44*	*1*
2-Fluorophenol (Surr)	*58*		*48 - 105*	*04/20/23 17:08*	*04/22/23 23:44*	*1*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*	*04/20/23 17:08*	*04/22/23 23:44*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*04/20/23 17:08*	*04/22/23 23:44*	*1*
Terphenyl-d14 (Surr)	*67*		*39 - 105*	*04/20/23 17:08*	*04/22/23 23:44*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*34 - 108*	*04/20/23 17:08*	*04/22/23 23:44*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	04/18/23 10:51	04/21/23 14:55	1
PCB-1221	ND		20	7.2	ug/Kg	☼	04/18/23 10:51	04/21/23 14:55	1
PCB-1232	ND		20	5.0	ug/Kg	☼	04/18/23 10:51	04/21/23 14:55	1
PCB-1242	ND		20	3.0	ug/Kg	☼	04/18/23 10:51	04/21/23 14:55	1
PCB-1248	ND		20	4.9	ug/Kg	☼	04/18/23 10:51	04/21/23 14:55	1
PCB-1254	ND		20	6.1	ug/Kg	☼	04/18/23 10:51	04/21/23 14:55	1
PCB-1260	ND		20	5.8	ug/Kg	☼	04/18/23 10:51	04/21/23 14:55	1
PCB-1262	ND		20	7.2	ug/Kg	☼	04/18/23 10:51	04/21/23 14:55	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/18/23 10:51	04/21/23 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*	*04/18/23 10:51*	*04/21/23 14:55*	*1*
DCB Decachlorobiphenyl (Surr)	*78*		*63 - 138*	*04/18/23 10:51*	*04/21/23 14:55*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*55 - 135*	*04/18/23 10:51*	*04/21/23 14:55*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*55 - 135*	*04/18/23 10:51*	*04/21/23 14:55*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8700**		17	4.2	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Antimony	ND	*+	0.84	0.25	mg/Kg	☼	05/08/23 16:29	05/17/23 16:14	1
Arsenic	**5.9**		0.84	0.53	mg/Kg	☼	05/08/23 16:29	05/17/23 16:14	1
Barium	**90**		17	3.0	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Beryllium	**0.41**		0.34	0.091	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Cadmium	**0.35**	**J**	0.42	0.062	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Calcium	**11000**		420	54	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Chromium	**11**		0.42	0.38	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Cobalt	**7.0**		4.2	0.59	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP25

Lab Sample ID: 180-154988-16

Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 81.7

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	22		2.1	1.3	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Iron	17000		8.4	8.2	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Lead	62		0.84	0.73	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Magnesium	5500		420	46	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Manganese	440		1.3	0.23	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Nickel	17		3.4	0.42	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Potassium	770		420	71	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Selenium	0.65	J	0.84	0.39	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Silver	ND		0.42	0.087	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Sodium	47	J	420	43	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Thallium	0.70	J	1.7	0.24	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Vanadium	13		4.2	0.66	mg/Kg	☼	05/08/23 16:29	05/15/23 19:47	1
Zinc	100	B	1.7	1.2	mg/Kg	☼	05/08/23 16:29	05/17/23 16:14	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.076	B	0.039	0.025	mg/Kg	☼	05/01/23 09:05	05/02/23 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	18.3		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	81.7		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75

Lab Sample ID: 180-154988-17

Date Collected: 04/12/23 15:40
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 77.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.8	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Benzene	ND		6.2	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Bromoform	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Bromomethane	ND		6.2	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
2-Butanone (MEK)	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Carbon disulfide	ND		6.2	4.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Carbon tetrachloride	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Chlorobenzene	ND		6.2	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Chlorobromomethane	ND		6.2	3.7	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Chlorodibromomethane	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Chloroethane	ND		6.2	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Chloroform	ND		6.2	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Chloromethane	ND		6.2	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
cis-1,2-Dichloroethene	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
cis-1,3-Dichloropropene	ND		6.2	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Cyclohexane	ND		6.2	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,2-Dibromo-3-Chloropropane	ND		6.2	4.0	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,2-Dibromoethane	ND		6.2	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,2-Dichlorobenzene	ND		6.2	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,3-Dichlorobenzene	ND		6.2	3.8	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,4-Dichlorobenzene	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Date Collected: 04/12/23 15:40
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-17
Matrix: Solid
Percent Solids: 77.4

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	ND		6.2	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Dichlorodifluoromethane	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,1-Dichloroethane	ND		6.2	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,2-Dichloroethane	ND		6.2	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,1-Dichloroethene	ND		6.2	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,2-Dichloroethene, Total	ND		12	5.0	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,2-Dichloropropane	ND		6.2	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,4-Dioxane	ND		1200	44	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Ethylbenzene	ND		6.2	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
2-Hexanone	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Isopropylbenzene	ND		6.2	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Methyl acetate	ND		31	9.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Methylcyclohexane	ND		6.2	3.0	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Methylene Chloride	ND		6.2	5.6	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
4-Methyl-2-pentanone (MIBK)	ND		6.2	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Methyl tert-butyl ether	ND		6.2	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
m-Xylene & p-Xylene	ND		6.2	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
o-Xylene	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Styrene	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Tetrachloroethene	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Toluene	ND		6.2	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
trans-1,2-Dichloroethene	ND		6.2	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
trans-1,3-Dichloropropene	ND		6.2	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,2,3-Trichlorobenzene	ND		6.2	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,2,4-Trichlorobenzene	ND		6.2	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,1,1-Trichloroethane	ND		6.2	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,1,2-Trichloroethane	ND		6.2	1.2	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Trichloroethene	ND		6.2	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Trichlorofluoromethane	ND		6.2	5.1	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Vinyl chloride	ND		6.2	4.4	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1
Xylenes, Total	ND		12	8.9	ug/Kg	☼	04/26/23 06:47	04/26/23 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*	*04/26/23 06:47*	*04/26/23 11:27*	*1*
Dibromofluoromethane (Surr)	*108*		*69 - 126*	*04/26/23 06:47*	*04/26/23 11:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*73 - 135*	*04/26/23 06:47*	*04/26/23 11:27*	*1*
Toluene-d8 (Surr)	*99*		*67 - 134*	*04/26/23 06:47*	*04/26/23 11:27*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**35**	**J**	84	24	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Acenaphthylene	**270**		84	18	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Acetophenone	ND		840	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Anthracene	**200**		84	22	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Atrazine	ND		840	180	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Benzaldehyde	ND	F1	840	52	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Benzo[a]anthracene	**710**		84	38	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Benzo[a]pyrene	**700**		84	36	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Lab Sample ID: 180-154988-17
Date Collected: 04/12/23 15:40
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 77.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**960**		84	21	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Benzo[g,h,i]perylene	**520**		84	18	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Benzo[k]fluoranthene	**300**		84	25	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
1,1'-Biphenyl	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Bis(2-chloroethoxy)methane	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Bis(2-chloroethyl)ether	ND		84	15	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Bis(2-ethylhexyl) phthalate	ND		4100	440	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
4-Bromophenyl phenyl ether	ND		410	180	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Butyl benzyl phthalate	ND		410	290	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Carbazole	**60**	**J**	84	20	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
4-Chloroaniline	ND		410	110	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
4-Chloro-3-methylphenol	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2-Chloronaphthalene	ND		84	19	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2-Chlorophenol	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
4-Chlorophenyl phenyl ether	ND		410	140	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Chrysene	**740**		84	46	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Dibenz(a,h)anthracene	**140**		84	53	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Dibenzofuran	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
3,3'-Dichlorobenzidine	ND		410	390	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2,4-Dichlorophenol	ND		84	32	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Diethyl phthalate	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2,4-Dimethylphenol	ND		410	140	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Dimethyl phthalate	ND		410	170	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Di-n-butyl phthalate	ND		410	180	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
4,6-Dinitro-2-methylphenol	ND		2100	720	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2,4-Dinitrophenol	ND		4100	2600	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2,4-Dinitrotoluene	ND		410	250	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2,6-Dinitrotoluene	ND		410	160	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Di-n-octyl phthalate	ND		410	240	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
1,4-Dioxane	ND		840	130	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Fluoranthene	**1100**		84	22	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Fluorene	**55**	**J**	84	16	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Hexachlorobenzene	ND		84	30	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Hexachlorobutadiene	ND		84	24	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Hexachlorocyclopentadiene	ND		410	43	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Hexachloroethane	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Indeno[1,2,3-cd]pyrene	**430**		84	42	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Isophorone	ND		410	160	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2-Methylnaphthalene	**43**	**J**	84	20	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2-Methylphenol	ND		410	120	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Methylphenol, 3 & 4	ND		410	120	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Naphthalene	**42**	**J**	84	16	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
3-Nitroaniline	ND		2100	110	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
4-Nitroaniline	ND		2100	160	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Nitrobenzene	ND		840	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2-Nitrophenol	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Date Collected: 04/12/23 15:40
Date Received: 04/13/23 09:30

Lab Sample ID: 180-154988-17
Matrix: Solid
Percent Solids: 77.4

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		84	28	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
N-Nitrosodiphenylamine	ND		410	140	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2,2'-oxybis[1-chloropropane]	ND		84	31	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Pentachlorophenol	ND		2100	670	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Phenanthrene	**480**		84	22	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Phenol	ND		410	130	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
Pyrene	**1100**		84	20	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
1,2,4,5-Tetrachlorobenzene	ND		410	170	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2,3,4,6-Tetrachlorophenol	ND		410	170	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2,4,5-Trichlorophenol	ND		410	150	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1
2,4,6-Trichlorophenol	ND		410	140	ug/Kg	☼	04/20/23 17:08	04/22/23 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*44 - 105*	*04/20/23 17:08*	*04/22/23 22:18*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*04/20/23 17:08*	*04/22/23 22:18*	*1*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*	*04/20/23 17:08*	*04/22/23 22:18*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*04/20/23 17:08*	*04/22/23 22:18*	*1*
Terphenyl-d14 (Surr)	*73*		*39 - 105*	*04/20/23 17:08*	*04/22/23 22:18*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*34 - 108*	*04/20/23 17:08*	*04/22/23 22:18*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.0	ug/Kg	☼	04/18/23 10:51	04/21/23 08:42	1
PCB-1221	ND		22	7.6	ug/Kg	☼	04/18/23 10:51	04/21/23 08:42	1
PCB-1232	ND		22	5.2	ug/Kg	☼	04/18/23 10:51	04/21/23 08:42	1
PCB-1242	ND		22	3.2	ug/Kg	☼	04/18/23 10:51	04/21/23 08:42	1
PCB-1248	ND		22	5.2	ug/Kg	☼	04/18/23 10:51	04/21/23 08:42	1
PCB-1254	**640**		22	6.5	ug/Kg	☼	04/18/23 10:51	04/21/23 08:42	1
PCB-1260	**70**		22	6.1	ug/Kg	☼	04/18/23 10:51	04/21/23 08:42	1
PCB-1262	ND		22	7.6	ug/Kg	☼	04/18/23 10:51	04/21/23 08:42	1
PCB-1268	ND		22	2.9	ug/Kg	☼	04/18/23 10:51	04/21/23 08:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*89*		*63 - 138*	*04/18/23 10:51*	*04/21/23 08:42*	*1*
DCB Decachlorobiphenyl (Surr)	*96*		*63 - 138*	*04/18/23 10:51*	*04/21/23 08:42*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*55 - 135*	*04/18/23 10:51*	*04/21/23 08:42*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*55 - 135*	*04/18/23 10:51*	*04/21/23 08:42*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6400**		22	5.6	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Antimony	ND	F1	1.1	0.34	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Arsenic	**8.4**		1.1	0.70	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Barium	**260**	**F1**	22	4.0	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Beryllium	**0.42**	**J**	0.45	0.12	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Cadmium	**0.96**		0.56	0.082	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Calcium	**4300**	**F1**	560	72	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Chromium	**11**		0.56	0.51	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Cobalt	**5.6**		5.6	0.78	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Copper	**34**		2.8	1.7	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75

Lab Sample ID: 180-154988-17

Date Collected: 04/12/23 15:40
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 77.4

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	14000		11	11	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Lead	130	F1	1.1	0.97	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Magnesium	2000		560	61	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Manganese	300		1.7	0.31	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Nickel	16		4.5	0.56	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Potassium	610		560	95	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Selenium	0.65	J	1.1	0.51	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Silver	ND		0.56	0.12	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Sodium	ND		560	57	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Thallium	ND		2.2	0.32	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Vanadium	13		5.6	0.88	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1
Zinc	140	B	2.2	1.6	mg/Kg	☼	05/01/23 11:30	05/03/23 13:44	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.31	B	0.039	0.025	mg/Kg	☼	05/01/23 09:05	05/02/23 14:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	22.6		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	77.4		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP22

Lab Sample ID: 180-154988-18

Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.5	J	23	4.4	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Benzene	ND		5.6	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Bromoform	ND		5.6	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Bromomethane	ND		5.6	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
2-Butanone (MEK)	ND		5.6	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Carbon disulfide	ND		5.6	4.5	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Carbon tetrachloride	ND		5.6	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Chlorobenzene	ND		5.6	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Chlorobromomethane	ND		5.6	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Chlorodibromomethane	ND		5.6	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Chloroethane	ND		5.6	3.3	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Chloroform	ND		5.6	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Chloromethane	ND		5.6	2.2	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
cis-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Cyclohexane	ND		5.6	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,2-Dibromo-3-Chloropropane	ND		5.6	3.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,2-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,3-Dichlorobenzene	ND		5.6	3.5	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,4-Dichlorobenzene	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Dichlorobromomethane	ND		5.6	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP22
Lab Sample ID: 180-154988-18
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		5.6	2.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,1-Dichloroethane	ND		5.6	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,2-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,1-Dichloroethene	ND		5.6	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,2-Dichloroethene, Total	ND		11	4.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,2-Dichloropropane	ND		5.6	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,4-Dioxane	ND		1100	40	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Ethylbenzene	ND		5.6	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
2-Hexanone	ND		5.6	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Isopropylbenzene	ND		5.6	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Methyl acetate	ND		28	8.3	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Methylcyclohexane	ND		5.6	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Methylene Chloride	ND		5.6	5.1	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.6	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Methyl tert-butyl ether	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
m-Xylene & p-Xylene	ND		5.6	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
o-Xylene	ND		5.6	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Styrene	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Tetrachloroethene	ND		5.6	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Toluene	ND		5.6	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
trans-1,2-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,2,3-Trichlorobenzene	ND		5.6	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,2,4-Trichlorobenzene	ND		5.6	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,1,1-Trichloroethane	ND		5.6	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,1,2-Trichloroethane	ND		5.6	1.1	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Trichloroethene	ND		5.6	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Trichlorofluoromethane	ND		5.6	4.7	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Vinyl chloride	ND		5.6	4.1	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1
Xylenes, Total	ND		11	8.1	ug/Kg	☼	04/26/23 06:47	04/26/23 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*60 - 124*	*04/26/23 06:47*	*04/26/23 18:38*	*1*
Dibromofluoromethane (Surr)	*114*		*69 - 126*	*04/26/23 06:47*	*04/26/23 18:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*73 - 135*	*04/26/23 06:47*	*04/26/23 18:38*	*1*
Toluene-d8 (Surr)	*99*		*67 - 134*	*04/26/23 06:47*	*04/26/23 18:38*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**61**	**J**	78	22	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Acenaphthylene	**1600**		78	17	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Acetophenone	ND		780	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Anthracene	**700**		78	20	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Atrazine	ND		780	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Benzaldehyde	ND		780	48	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Benzo[a]anthracene	**2500**		78	35	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Benzo[a]pyrene	**2800**		78	33	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Benzo[b]fluoranthene	**3900**		78	19	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP22
Lab Sample ID: 180-154988-18
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	**2100**		78	17	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Benzo[k]fluoranthene	**1200**		78	23	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Bis(2-chloroethyl)ether	ND		78	14	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Butyl benzyl phthalate	ND		380	270	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Carbazole	**160**		78	18	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Chrysene	**2800**		78	43	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Dibenz(a,h)anthracene	**550**		78	49	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Di-n-butyl phthalate	ND		380	170	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
1,4-Dioxane	ND		780	120	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Fluoranthene	**3600**		78	20	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Fluorene	**140**		78	15	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Hexachlorocyclopentadiene	ND		380	39	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Hexachloroethane	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Indeno[1,2,3-cd]pyrene	**1700**		78	38	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Isophorone	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2-Methylnaphthalene	**300**		78	19	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Naphthalene	**340**		78	15	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Nitrobenzene	ND		780	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP22
Lab Sample ID: 180-154988-18
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Phenanthrene	**1200**		78	21	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Phenol	ND		380	120	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
Pyrene	**3700**		78	18	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/20/23 17:08	04/21/23 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*44 - 105*	*04/20/23 17:08*	*04/21/23 17:33*	*1*
2-Fluorophenol (Surr)	*79*		*48 - 105*	*04/20/23 17:08*	*04/21/23 17:33*	*1*
Nitrobenzene-d5 (Surr)	*84*		*46 - 105*	*04/20/23 17:08*	*04/21/23 17:33*	*1*
Phenol-d5 (Surr)	*84*		*46 - 105*	*04/20/23 17:08*	*04/21/23 17:33*	*1*
Terphenyl-d14 (Surr)	*84*		*39 - 105*	*04/20/23 17:08*	*04/21/23 17:33*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*34 - 108*	*04/20/23 17:08*	*04/21/23 17:33*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/18/23 10:51	04/21/23 15:14	1
PCB-1221	ND		20	7.0	ug/Kg	☼	04/18/23 10:51	04/21/23 15:14	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/18/23 10:51	04/21/23 15:14	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/18/23 10:51	04/21/23 15:14	1
PCB-1248	ND		20	4.7	ug/Kg	☼	04/18/23 10:51	04/21/23 15:14	1
PCB-1254	ND		20	5.9	ug/Kg	☼	04/18/23 10:51	04/21/23 15:14	1
PCB-1260	ND		20	5.6	ug/Kg	☼	04/18/23 10:51	04/21/23 15:14	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/18/23 10:51	04/21/23 15:14	1
PCB-1268	ND		20	2.6	ug/Kg	☼	04/18/23 10:51	04/21/23 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*63 - 138*	*04/18/23 10:51*	*04/21/23 15:14*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*63 - 138*	*04/18/23 10:51*	*04/21/23 15:14*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*55 - 135*	*04/18/23 10:51*	*04/21/23 15:14*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*55 - 135*	*04/18/23 10:51*	*04/21/23 15:14*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6200**		15	3.7	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Antimony	ND	*+	0.75	0.23	mg/Kg	☼	05/08/23 16:29	05/17/23 16:19	1
Arsenic	**7.6**		0.75	0.47	mg/Kg	☼	05/08/23 16:29	05/17/23 16:19	1
Barium	**110**		15	2.7	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Beryllium	**0.60**		0.30	0.081	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Cadmium	**1.6**		0.37	0.055	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Calcium	**4300**		370	48	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Chromium	**9.8**		0.37	0.34	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Cobalt	**6.9**		3.7	0.53	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Copper	**74**		1.9	1.1	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Iron	**13000**		7.5	7.3	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1

Client: Geosyntec Consultants Inc
Job ID: 180-154988-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP22

Lab Sample ID: 180-154988-18
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 84.7

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	220		0.75	0.65	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Magnesium	1000		370	41	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Manganese	170		1.1	0.21	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Nickel	31		3.0	0.38	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Potassium	720		370	64	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Selenium	ND		0.75	0.34	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Silver	ND		0.37	0.078	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Sodium	130	J	370	38	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Thallium	0.75	J	1.5	0.21	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Vanadium	11		3.7	0.59	mg/Kg	☼	05/08/23 16:29	05/15/23 19:52	1
Zinc	230	B	1.5	1.1	mg/Kg	☼	05/08/23 16:29	05/17/23 16:19	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11	B	0.034	0.022	mg/Kg	☼	05/01/23 09:05	05/02/23 14:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	15.3		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	84.7		0.1	0.1	%			04/15/23 17:10	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP19

Lab Sample ID: 180-154988-19
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 89.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	4.1	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Benzene	ND		5.3	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Bromoform	ND		5.3	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Bromomethane	ND		5.3	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
2-Butanone (MEK)	ND		5.3	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Carbon disulfide	ND		5.3	4.2	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Carbon tetrachloride	ND		5.3	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Chlorobenzene	ND		5.3	1.4	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Chlorobromomethane	ND		5.3	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Chlorodibromomethane	ND		5.3	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Chloroethane	ND		5.3	3.1	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Chloroform	ND		5.3	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Chloromethane	ND		5.3	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
cis-1,3-Dichloropropene	ND		5.3	2.3	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Cyclohexane	ND		5.3	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,2-Dibromo-3-Chloropropane	ND		5.3	3.4	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,2-Dibromoethane	ND		5.3	1.4	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,2-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,3-Dichlorobenzene	ND		5.3	3.2	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,4-Dichlorobenzene	ND		5.3	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Dichlorobromomethane	ND		5.3	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Dichlorodifluoromethane	ND		5.3	2.6	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP19
Lab Sample ID: 180-154988-19
Date Collected: 04/12/23 00:00
Matrix: Solid
Date Received: 04/13/23 09:30
Percent Solids: 89.3

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		5.3	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,2-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,1-Dichloroethene	ND		5.3	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,2-Dichloroethene, Total	ND		11	4.3	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,2-Dichloropropane	ND		5.3	1.4	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,4-Dioxane	ND		1100	37	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Ethylbenzene	ND		5.3	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
2-Hexanone	ND		5.3	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Isopropylbenzene	ND		5.3	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Methyl acetate	ND		26	7.7	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Methylcyclohexane	ND		5.3	2.5	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Methylene Chloride	ND		5.3	4.7	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.3	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Methyl tert-butyl ether	ND		5.3	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
m-Xylene & p-Xylene	ND		5.3	1.9	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
o-Xylene	ND		5.3	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Styrene	ND		5.3	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.6	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Tetrachloroethene	ND		5.3	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Toluene	ND		5.3	1.5	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
trans-1,2-Dichloroethene	ND		5.3	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
trans-1,3-Dichloropropene	ND		5.3	2.4	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,2,3-Trichlorobenzene	ND		5.3	2.9	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,1,1-Trichloroethane	ND		5.3	1.8	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,1,2-Trichloroethane	ND		5.3	1.0	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Trichloroethene	ND		5.3	1.7	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Trichlorofluoromethane	ND		5.3	4.4	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	2.1	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Vinyl chloride	ND		5.3	3.8	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1
Xylenes, Total	ND		11	7.6	ug/Kg	☼	04/26/23 06:47	04/26/23 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*60 - 124*	*04/26/23 06:47*	*04/26/23 19:00*	*1*
Dibromofluoromethane (Surr)	*112*		*69 - 126*	*04/26/23 06:47*	*04/26/23 19:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*73 - 135*	*04/26/23 06:47*	*04/26/23 19:00*	*1*
Toluene-d8 (Surr)	*105*		*67 - 134*	*04/26/23 06:47*	*04/26/23 19:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**10.7**		0.1	0.1	%			04/15/23 17:10	1
Percent Solids (SM22 2540G)	**89.3**		0.1	0.1	%			04/15/23 17:10	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 180-433384/12
Matrix: Solid
Analysis Batch: 433384

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/26/23 11:04	1
Benzene	ND		5.0	1.4	ug/Kg			04/26/23 11:04	1
Bromoform	ND		5.0	2.5	ug/Kg			04/26/23 11:04	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/26/23 11:04	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/26/23 11:04	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/26/23 11:04	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/26/23 11:04	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/26/23 11:04	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/26/23 11:04	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/26/23 11:04	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/26/23 11:04	1
Chloroform	ND		5.0	1.6	ug/Kg			04/26/23 11:04	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/26/23 11:04	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/26/23 11:04	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/26/23 11:04	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/26/23 11:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/26/23 11:04	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/26/23 11:04	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/26/23 11:04	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/26/23 11:04	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/26/23 11:04	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/26/23 11:04	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/26/23 11:04	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/26/23 11:04	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/26/23 11:04	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/26/23 11:04	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/26/23 11:04	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/26/23 11:04	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/26/23 11:04	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/26/23 11:04	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/26/23 11:04	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/26/23 11:04	1
Methyl acetate	ND		25	7.4	ug/Kg			04/26/23 11:04	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/26/23 11:04	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/26/23 11:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/26/23 11:04	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/26/23 11:04	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/26/23 11:04	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/26/23 11:04	1
Styrene	ND		5.0	1.5	ug/Kg			04/26/23 11:04	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/26/23 11:04	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/26/23 11:04	1
Toluene	ND		5.0	1.4	ug/Kg			04/26/23 11:04	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/26/23 11:04	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/26/23 11:04	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/26/23 11:04	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/26/23 11:04	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/26/23 11:04	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-433384/12
Matrix: Solid
Analysis Batch: 433384

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/26/23 11:04	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/26/23 11:04	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/26/23 11:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/26/23 11:04	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/26/23 11:04	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/26/23 11:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*		*04/26/23 11:04*	*1*
Dibromofluoromethane (Surr)	*110*		*69 - 126*		*04/26/23 11:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*73 - 135*		*04/26/23 11:04*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*		*04/26/23 11:04*	*1*

Lab Sample ID: LCS 180-433384/11
Matrix: Solid
Analysis Batch: 433384

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	49.9		ug/Kg		125	23 - 170
Benzene	40.0	38.4		ug/Kg		96	77 - 120
Bromoform	40.0	40.6		ug/Kg		101	37 - 147
Bromomethane	40.0	27.9		ug/Kg		70	47 - 149
2-Butanone (MEK)	40.0	39.5		ug/Kg		99	39 - 157
Carbon disulfide	40.0	32.6		ug/Kg		81	40 - 156
Carbon tetrachloride	40.0	37.9		ug/Kg		95	73 - 130
Chlorobenzene	40.0	39.6		ug/Kg		99	79 - 122
Chlorobromomethane	40.0	39.2		ug/Kg		98	64 - 128
Chlorodibromomethane	40.0	40.7		ug/Kg		102	60 - 134
Chloroethane	40.0	40.4		ug/Kg		101	37 - 159
Chloroform	40.0	40.4		ug/Kg		101	73 - 126
Chloromethane	40.0	28.4		ug/Kg		71	46 - 151
cis-1,2-Dichloroethene	40.0	39.7		ug/Kg		99	77 - 118
cis-1,3-Dichloropropene	40.0	44.1		ug/Kg		110	73 - 127
Cyclohexane	40.0	34.2		ug/Kg		86	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	39.8		ug/Kg		99	30 - 163
1,2-Dibromoethane	40.0	41.5		ug/Kg		104	59 - 137
1,2-Dichlorobenzene	40.0	38.6		ug/Kg		96	76 - 120
1,3-Dichlorobenzene	40.0	39.7		ug/Kg		99	77 - 121
1,4-Dichlorobenzene	40.0	39.9		ug/Kg		100	79 - 120
Dichlorobromomethane	40.0	40.2		ug/Kg		101	75 - 123
Dichlorodifluoromethane	40.0	41.7		ug/Kg		104	26 - 149
1,1-Dichloroethane	40.0	39.1		ug/Kg		98	73 - 124
1,2-Dichloroethane	40.0	41.6		ug/Kg		104	64 - 140
1,1-Dichloroethene	40.0	33.1		ug/Kg		83	55 - 136
1,2-Dichloroethene, Total	80.0	75.7		ug/Kg		95	77 - 119
1,2-Dichloropropane	40.0	40.7		ug/Kg		102	77 - 119
1,4-Dioxane	800	726	J	ug/Kg		91	18 - 166
Ethylbenzene	40.0	39.6		ug/Kg		99	79 - 119

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-433384/11
Matrix: Solid
Analysis Batch: 433384

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	40.0	44.7		ug/Kg		112	42 - 152
Isopropylbenzene	40.0	39.6		ug/Kg		99	70 - 125
Methyl acetate	80.0	116		ug/Kg		145	20 - 170
Methylcyclohexane	40.0	35.8		ug/Kg		90	70 - 125
Methylene Chloride	40.0	41.4		ug/Kg		103	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	43.8		ug/Kg		110	51 - 147
Methyl tert-butyl ether	40.0	41.2		ug/Kg		103	58 - 132
m-Xylene & p-Xylene	40.0	41.8		ug/Kg		105	77 - 120
o-Xylene	40.0	40.0		ug/Kg		100	78 - 118
Styrene	40.0	40.4		ug/Kg		101	80 - 120
1,1,2,2-Tetrachloroethane	40.0	46.7		ug/Kg		117	36 - 170
Tetrachloroethene	40.0	38.6		ug/Kg		96	71 - 121
Toluene	40.0	38.2		ug/Kg		96	76 - 120
trans-1,2-Dichloroethene	40.0	36.0		ug/Kg		90	75 - 122
trans-1,3-Dichloropropene	40.0	41.7		ug/Kg		104	68 - 133
1,2,3-Trichlorobenzene	40.0	42.3		ug/Kg		106	29 - 166
1,2,4-Trichlorobenzene	40.0	41.8		ug/Kg		105	22 - 170
1,1,1-Trichloroethane	40.0	38.3		ug/Kg		96	72 - 134
1,1,2-Trichloroethane	40.0	40.8		ug/Kg		102	66 - 128
Trichloroethene	40.0	39.8		ug/Kg		99	69 - 118
Trichlorofluoromethane	40.0	41.7		ug/Kg		104	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	34.5		ug/Kg		86	59 - 135
Vinyl chloride	40.0	33.4		ug/Kg		83	64 - 134
Xylenes, Total	80.0	81.8		ug/Kg		102	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*
Dibromofluoromethane (Surr)	*102*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*97*		*73 - 135*
Toluene-d8 (Surr)	*102*		*67 - 134*

Lab Sample ID: 180-154988-17 MS
Matrix: Solid
Analysis Batch: 433384

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433475

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND		48.3	55.6		ug/Kg	☼	115	23 - 170
Benzene	ND		48.3	40.9		ug/Kg	☼	85	77 - 120
Bromoform	ND		48.3	48.5		ug/Kg	☼	100	37 - 147
Bromomethane	ND		48.3	33.6		ug/Kg	☼	70	47 - 149
2-Butanone (MEK)	ND		48.3	51.1		ug/Kg	☼	106	39 - 157
Carbon disulfide	ND		48.3	32.9		ug/Kg	☼	68	40 - 156
Carbon tetrachloride	ND		48.3	39.0		ug/Kg	☼	81	73 - 130
Chlorobenzene	ND		48.3	41.8		ug/Kg	☼	86	79 - 122
Chlorobromomethane	ND		48.3	45.7		ug/Kg	☼	95	64 - 128
Chlorodibromomethane	ND		48.3	47.2		ug/Kg	☼	98	60 - 134
Chloroethane	ND		48.3	43.6		ug/Kg	☼	90	37 - 159
Chloroform	ND		48.3	42.7		ug/Kg	☼	88	73 - 126

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154988-17 MS
Matrix: Solid
Analysis Batch: 433384

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433475

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	ND		48.3	28.9		ug/Kg	☼	60	46 - 151
cis-1,2-Dichloroethene	ND		48.3	42.0		ug/Kg	☼	87	77 - 118
cis-1,3-Dichloropropene	ND		48.3	50.0		ug/Kg	☼	104	73 - 127
Cyclohexane	ND		48.3	35.5		ug/Kg	☼	73	63 - 143
1,2-Dibromo-3-Chloropropane	ND		48.3	52.2		ug/Kg	☼	108	30 - 163
1,2-Dibromoethane	ND		48.3	48.9		ug/Kg	☼	101	59 - 137
1,2-Dichlorobenzene	ND		48.3	41.9		ug/Kg	☼	87	76 - 120
1,3-Dichlorobenzene	ND		48.3	41.9		ug/Kg	☼	87	77 - 121
1,4-Dichlorobenzene	ND		48.3	41.9		ug/Kg	☼	87	79 - 120
Dichlorobromomethane	ND		48.3	44.2		ug/Kg	☼	91	75 - 123
Dichlorodifluoromethane	ND		48.3	46.6		ug/Kg	☼	96	26 - 149
1,1-Dichloroethane	ND		48.3	39.8		ug/Kg	☼	82	73 - 124
1,2-Dichloroethane	ND		48.3	48.4		ug/Kg	☼	100	64 - 140
1,1-Dichloroethene	ND		48.3	35.2		ug/Kg	☼	73	55 - 136
1,2-Dichloroethene, Total	ND		96.6	79.5		ug/Kg	☼	82	77 - 119
1,2-Dichloropropane	ND		48.3	44.2		ug/Kg	☼	92	77 - 119
1,4-Dioxane	ND		966	1240		ug/Kg	☼	128	18 - 166
Ethylbenzene	ND		48.3	41.4		ug/Kg	☼	86	79 - 119
2-Hexanone	ND		48.3	55.8		ug/Kg	☼	116	42 - 152
Isopropylbenzene	ND		48.3	40.7		ug/Kg	☼	84	70 - 125
Methyl acetate	ND		96.6	142		ug/Kg	☼	147	20 - 170
Methylcyclohexane	ND		48.3	37.1		ug/Kg	☼	77	70 - 125
Methylene Chloride	ND		48.3	43.6		ug/Kg	☼	90	67 - 131
4-Methyl-2-pentanone (MIBK)	ND		48.3	54.6		ug/Kg	☼	113	51 - 147
Methyl tert-butyl ether	ND		48.3	48.5		ug/Kg	☼	100	58 - 132
m-Xylene & p-Xylene	ND		48.3	42.7		ug/Kg	☼	88	77 - 120
o-Xylene	ND		48.3	42.2		ug/Kg	☼	87	78 - 118
Styrene	ND		48.3	42.5		ug/Kg	☼	88	80 - 120
1,1,2,2-Tetrachloroethane	ND		48.3	57.2		ug/Kg	☼	119	36 - 170
Tetrachloroethene	ND		48.3	41.4		ug/Kg	☼	86	71 - 121
Toluene	ND		48.3	40.8		ug/Kg	☼	84	76 - 120
trans-1,2-Dichloroethene	ND		48.3	37.5		ug/Kg	☼	78	75 - 122
trans-1,3-Dichloropropene	ND		48.3	48.8		ug/Kg	☼	101	68 - 133
1,2,3-Trichlorobenzene	ND		48.3	46.3		ug/Kg	☼	96	29 - 166
1,2,4-Trichlorobenzene	ND		48.3	46.9		ug/Kg	☼	97	22 - 170
1,1,1-Trichloroethane	ND		48.3	40.8		ug/Kg	☼	84	72 - 134
1,1,2-Trichloroethane	ND		48.3	47.7		ug/Kg	☼	99	66 - 128
Trichloroethene	ND		48.3	41.2		ug/Kg	☼	85	69 - 118
Trichlorofluoromethane	ND		48.3	30.4		ug/Kg	☼	63	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		48.3	39.2		ug/Kg	☼	81	59 - 135
Vinyl chloride	ND		48.3	36.7		ug/Kg	☼	76	64 - 134
Xylenes, Total	ND		96.6	84.9		ug/Kg	☼	88	78 - 118

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*
Dibromofluoromethane (Surr)	*100*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*104*		*73 - 135*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154988-17 MS
Matrix: Solid
Analysis Batch: 433384

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433475

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	*101*		*67 - 134*

Lab Sample ID: 180-154988-17 MSD
Matrix: Solid
Analysis Batch: 433384

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433475

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND		50.3	55.5		ug/Kg	☼	110	23 - 170	0	35
Benzene	ND		50.3	47.4		ug/Kg	☼	94	77 - 120	15	20
Bromoform	ND		50.3	50.3		ug/Kg	☼	100	37 - 147	4	23
Bromomethane	ND		50.3	32.1		ug/Kg	☼	64	47 - 149	4	25
2-Butanone (MEK)	ND		50.3	52.8		ug/Kg	☼	105	39 - 157	3	33
Carbon disulfide	ND		50.3	38.4		ug/Kg	☼	76	40 - 156	15	25
Carbon tetrachloride	ND		50.3	46.3		ug/Kg	☼	92	73 - 130	17	21
Chlorobenzene	ND		50.3	48.0		ug/Kg	☼	95	79 - 122	14	20
Chlorobromomethane	ND		50.3	49.9		ug/Kg	☼	99	64 - 128	9	20
Chlorodibromomethane	ND		50.3	49.5		ug/Kg	☼	98	60 - 134	5	40
Chloroethane	ND		50.3	42.6		ug/Kg	☼	85	37 - 159	2	25
Chloroform	ND		50.3	49.5		ug/Kg	☼	98	73 - 126	15	20
Chloromethane	ND		50.3	29.6		ug/Kg	☼	59	46 - 151	2	33
cis-1,2-Dichloroethene	ND		50.3	50.0		ug/Kg	☼	99	77 - 118	17	20
cis-1,3-Dichloropropene	ND		50.3	55.6		ug/Kg	☼	110	73 - 127	11	20
Cyclohexane	ND		50.3	41.6		ug/Kg	☼	83	63 - 143	16	25
1,2-Dibromo-3-Chloropropane	ND		50.3	55.3		ug/Kg	☼	110	30 - 163	6	34
1,2-Dibromoethane	ND		50.3	50.7		ug/Kg	☼	101	59 - 137	4	20
1,2-Dichlorobenzene	ND		50.3	48.0		ug/Kg	☼	95	76 - 120	13	20
1,3-Dichlorobenzene	ND		50.3	49.6		ug/Kg	☼	99	77 - 121	17	20
1,4-Dichlorobenzene	ND		50.3	49.4		ug/Kg	☼	98	79 - 120	17	20
Dichlorobromomethane	ND		50.3	49.8		ug/Kg	☼	99	75 - 123	12	20
Dichlorodifluoromethane	ND		50.3	47.5		ug/Kg	☼	94	26 - 149	2	24
1,1-Dichloroethane	ND		50.3	47.7		ug/Kg	☼	95	73 - 124	18	20
1,2-Dichloroethane	ND		50.3	53.1		ug/Kg	☼	106	64 - 140	9	20
1,1-Dichloroethene	ND		50.3	41.4		ug/Kg	☼	82	55 - 136	16	21
1,2-Dichloroethene, Total	ND		101	94.6		ug/Kg	☼	94	77 - 119	17	20
1,2-Dichloropropane	ND		50.3	50.3		ug/Kg	☼	100	77 - 119	13	20
1,4-Dioxane	ND		1010	858	J	ug/Kg	☼	85	18 - 166	36	40
Ethylbenzene	ND		50.3	46.6		ug/Kg	☼	93	79 - 119	12	20
2-Hexanone	ND		50.3	58.3		ug/Kg	☼	116	42 - 152	4	30
Isopropylbenzene	ND		50.3	47.0		ug/Kg	☼	93	70 - 125	14	21
Methyl acetate	ND		101	142		ug/Kg	☼	141	20 - 170	0	33
Methylcyclohexane	ND		50.3	43.1		ug/Kg	☼	86	70 - 125	15	22
Methylene Chloride	ND		50.3	49.3		ug/Kg	☼	98	67 - 131	12	32
4-Methyl-2-pentanone (MIBK)	ND		50.3	54.5		ug/Kg	☼	108	51 - 147	0	27
Methyl tert-butyl ether	ND		50.3	52.3		ug/Kg	☼	104	58 - 132	8	24
m-Xylene & p-Xylene	ND		50.3	49.9		ug/Kg	☼	99	77 - 120	16	20
o-Xylene	ND		50.3	47.6		ug/Kg	☼	95	78 - 118	12	20
Styrene	ND		50.3	48.3		ug/Kg	☼	96	80 - 120	13	20
1,1,2,2-Tetrachloroethane	ND		50.3	57.1		ug/Kg	☼	113	36 - 170	0	23

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154988-17 MSD
Matrix: Solid
Analysis Batch: 433384

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433475

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene	ND		50.3	49.4		ug/Kg	☼	98	71 - 121	18	21
Toluene	ND		50.3	46.7		ug/Kg	☼	93	76 - 120	14	20
trans-1,2-Dichloroethene	ND		50.3	44.7		ug/Kg	☼	89	75 - 122	18	20
trans-1,3-Dichloropropene	ND		50.3	53.5		ug/Kg	☼	106	68 - 133	9	20
1,2,3-Trichlorobenzene	ND		50.3	54.2		ug/Kg	☼	108	29 - 166	16	40
1,2,4-Trichlorobenzene	ND		50.3	54.0		ug/Kg	☼	107	22 - 170	14	29
1,1,1-Trichloroethane	ND		50.3	46.2		ug/Kg	☼	92	72 - 134	13	20
1,1,2-Trichloroethane	ND		50.3	50.3		ug/Kg	☼	100	66 - 128	5	21
Trichloroethene	ND		50.3	48.9		ug/Kg	☼	97	69 - 118	17	20
Trichlorofluoromethane	ND		50.3	41.0		ug/Kg	☼	82	32 - 149	30	39
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.3	43.3		ug/Kg	☼	86	59 - 135	10	28
Vinyl chloride	ND		50.3	38.3		ug/Kg	☼	76	64 - 134	4	23
Xylenes, Total	ND		101	97.5		ug/Kg	☼	97	78 - 118	14	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*60 - 124*
Dibromofluoromethane (Surr)	*100*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*99*		*73 - 135*
Toluene-d8 (Surr)	*99*		*67 - 134*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-432943/1-A
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432943

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Acenaphthylene	ND		67	15	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Acetophenone	ND		670	120	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Anthracene	ND		67	17	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Atrazine	ND		670	150	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Benzaldehyde	ND		670	41	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Benzo[a]anthracene	ND		67	30	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Benzo[a]pyrene	ND		67	29	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
1,1'-Biphenyl	ND		330	120	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Bis(2-chloroethyl)ether	ND		67	12	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Butyl benzyl phthalate	ND		330	230	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Caprolactam	ND		1700	220	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Carbazole	ND		67	16	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
4-Chloroaniline	ND		330	88	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		04/20/23 17:08	04/21/23 06:52	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432943/1-A
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432943

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		67	15	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2-Chlorophenol	ND		330	120	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Chrysene	ND		67	37	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Dibenzofuran	ND		330	120	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2,4-Dichlorophenol	ND		67	26	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Diethyl phthalate	ND		330	120	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Dimethyl phthalate	ND		330	130	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Di-n-butyl phthalate	ND		330	150	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
1,4-Dioxane	ND		670	100	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Fluoranthene	ND		67	18	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Fluorene	ND		67	13	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Hexachlorobenzene	ND		67	24	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Hexachlorobutadiene	ND		67	20	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Hexachlorocyclopentadiene	ND		330	34	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Hexachloroethane	ND		330	120	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Isophorone	ND		330	130	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2-Methylnaphthalene	ND		67	16	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2-Methylphenol	ND		330	96	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Naphthalene	ND		67	13	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2-Nitroaniline	ND		1700	150	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
3-Nitroaniline	ND		1700	85	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
4-Nitroaniline	ND		1700	120	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Nitrobenzene	ND		670	120	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2-Nitrophenol	ND		330	120	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
4-Nitrophenol	ND		1700	230	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Pentachlorophenol	ND		1700	540	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Phenanthrene	ND		67	18	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Phenol	ND		330	100	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
Pyrene	ND		67	16	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		04/20/23 17:08	04/21/23 06:52	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		04/20/23 17:08	04/21/23 06:52	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432943/1-A
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432943

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	66		44 - 105	04/20/23 17:08	04/21/23 06:52	1
2-Fluorophenol (Surr)	55		48 - 105	04/20/23 17:08	04/21/23 06:52	1
Nitrobenzene-d5 (Surr)	73		46 - 105	04/20/23 17:08	04/21/23 06:52	1
Phenol-d5 (Surr)	63		46 - 105	04/20/23 17:08	04/21/23 06:52	1
Terphenyl-d14 (Surr)	66		39 - 105	04/20/23 17:08	04/21/23 06:52	1
2,4,6-Tribromophenol (Surr)	65		34 - 108	04/20/23 17:08	04/21/23 06:52	1

Lab Sample ID: LCS 180-432943/2-A
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432943

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	5120		ug/Kg		77	50 - 100
Acenaphthylene	6670	5250		ug/Kg		79	52 - 100
Acetophenone	6670	4750		ug/Kg		71	48 - 100
Anthracene	6670	5250		ug/Kg		79	53 - 100
Atrazine	6670	5220		ug/Kg		78	49 - 103
Benzaldehyde	6670	4840		ug/Kg		73	23 - 105
Benzo[a]anthracene	6670	5300		ug/Kg		79	51 - 100
Benzo[a]pyrene	6670	5240		ug/Kg		79	51 - 100
Benzo[b]fluoranthene	6670	5200		ug/Kg		78	48 - 100
Benzo[g,h,i]perylene	6670	4940		ug/Kg		74	48 - 105
Benzo[k]fluoranthene	6670	4850		ug/Kg		73	19 - 100
1,1'-Biphenyl	6670	5200		ug/Kg		78	50 - 100
Bis(2-chloroethoxy)methane	6670	4530		ug/Kg		68	49 - 100
Bis(2-chloroethyl)ether	6670	5040		ug/Kg		76	48 - 100
Bis(2-ethylhexyl) phthalate	6670	5430		ug/Kg		81	53 - 107
4-Bromophenyl phenyl ether	6670	5650		ug/Kg		85	52 - 101
Butyl benzyl phthalate	6670	5580		ug/Kg		84	52 - 107
Caprolactam	6670	6060		ug/Kg		91	48 - 111
Carbazole	6670	4920		ug/Kg		74	53 - 100
4-Chloroaniline	6670	4930		ug/Kg		74	47 - 100
4-Chloro-3-methylphenol	6670	5690		ug/Kg		85	49 - 106
2-Chloronaphthalene	6670	4740		ug/Kg		71	51 - 100
2-Chlorophenol	6670	4900		ug/Kg		74	51 - 100
4-Chlorophenyl phenyl ether	6670	5370		ug/Kg		81	52 - 100
Chrysene	6670	4960		ug/Kg		74	50 - 100
Dibenz(a,h)anthracene	6670	5200		ug/Kg		78	50 - 107
Dibenzofuran	6670	5000		ug/Kg		75	52 - 100
3,3'-Dichlorobenzidine	6670	5090		ug/Kg		76	43 - 100
2,4-Dichlorophenol	6670	5750		ug/Kg		86	53 - 101
Diethyl phthalate	6670	4900		ug/Kg		74	48 - 104
2,4-Dimethylphenol	6670	5440		ug/Kg		82	51 - 101
Dimethyl phthalate	6670	5280		ug/Kg		79	53 - 100
Di-n-butyl phthalate	6670	5170		ug/Kg		78	57 - 102
4,6-Dinitro-2-methylphenol	13300	13000		ug/Kg		97	51 - 100
2,4-Dinitrophenol	13300	12200		ug/Kg		91	33 - 101
2,4-Dinitrotoluene	6670	5650		ug/Kg		85	54 - 104

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432943/2-A
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432943

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,6-Dinitrotoluene			6670	5460		ug/Kg		82	51 - 106		
Di-n-octyl phthalate			6670	5700		ug/Kg		86	41 - 106		
1,4-Dioxane			6670	4880		ug/Kg		73	25 - 125		
Fluoranthene			6670	5130		ug/Kg		77	55 - 100		
Fluorene			6670	5020		ug/Kg		75	52 - 100		
Hexachlorobenzene			6670	5290		ug/Kg		79	49 - 100		
Hexachlorobutadiene			6670	5160		ug/Kg		77	38 - 107		
Hexachlorocyclopentadiene			6670	5500		ug/Kg		83	33 - 117		
Hexachloroethane			6670	4910		ug/Kg		74	47 - 100		
Indeno[1,2,3-cd]pyrene			6670	5030		ug/Kg		76	51 - 103		
Isophorone			6670	5950		ug/Kg		89	48 - 105		
2-Methylnaphthalene			6670	5140		ug/Kg		77	53 - 100		
2-Methylphenol			6670	5160		ug/Kg		77	50 - 101		
Methylphenol, 3 & 4			6670	5190		ug/Kg		78	50 - 103		
Naphthalene			6670	4970		ug/Kg		75	51 - 100		
2-Nitroaniline			6670	5920		ug/Kg		89	42 - 123		
3-Nitroaniline			6670	5350		ug/Kg		80	50 - 103		
4-Nitroaniline			6670	4990		ug/Kg		75	52 - 103		
Nitrobenzene			6670	5820		ug/Kg		87	44 - 108		
2-Nitrophenol			6670	6030		ug/Kg		90	55 - 107		
4-Nitrophenol			13300	9310		ug/Kg		70	30 - 134		
N-Nitrosodi-n-propylamine			6670	5600		ug/Kg		84	45 - 107		
N-Nitrosodiphenylamine			6670	5730		ug/Kg		86	52 - 100		
2,2'-oxybis[1-chloropropane]			6670	5120		ug/Kg		77	30 - 113		
Pentachlorophenol			13300	11000		ug/Kg		83	42 - 110		
Phenanthrene			6670	4960		ug/Kg		74	53 - 100		
Phenol			6670	5110		ug/Kg		77	49 - 100		
Pyrene			6670	5660		ug/Kg		85	52 - 100		
1,2,4,5-Tetrachlorobenzene			6670	5450		ug/Kg		82	41 - 104		
2,3,4,6-Tetrachlorophenol			6670	5610		ug/Kg		84	47 - 104		
2,4,5-Trichlorophenol			6670	5590		ug/Kg		84	50 - 104		
2,4,6-Trichlorophenol			6670	5930		ug/Kg		89	50 - 105		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*44 - 105*
2-Fluorophenol (Surr)	*75*		*48 - 105*
Nitrobenzene-d5 (Surr)	*85*		*46 - 105*
Phenol-d5 (Surr)	*78*		*46 - 105*
Terphenyl-d14 (Surr)	*83*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*

Lab Sample ID: 180-154988-17 MS
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432943

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene	35	J	8610	6540		ug/Kg	☼	75	50 - 100		
Acenaphthylene	270		8610	6800		ug/Kg	☼	76	52 - 100		

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154988-17 MS
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432943

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetophenone	ND		8610	6350		ug/Kg	☼	74	48 - 100
Anthracene	200		8610	6710		ug/Kg	☼	76	53 - 100
Atrazine	ND		8610	6720		ug/Kg	☼	78	49 - 103
Benzaldehyde	ND	F1	8610	862	J F1	ug/Kg	☼	10	23 - 105
Benzo[a]anthracene	710		8610	7460		ug/Kg	☼	78	51 - 100
Benzo[a]pyrene	700		8610	6990		ug/Kg	☼	73	51 - 100
Benzo[b]fluoranthene	960		8610	7170		ug/Kg	☼	72	48 - 100
Benzo[g,h,i]perylene	520		8610	7490		ug/Kg	☼	81	48 - 105
Benzo[k]fluoranthene	300		8610	5920		ug/Kg	☼	65	19 - 100
1,1'-Biphenyl	ND		8610	6370		ug/Kg	☼	74	50 - 100
Bis(2-chloroethoxy)methane	ND		8610	5710		ug/Kg	☼	66	49 - 100
Bis(2-chloroethyl)ether	ND		8610	6720		ug/Kg	☼	78	48 - 100
Bis(2-ethylhexyl) phthalate	ND		8610	7130		ug/Kg	☼	83	53 - 107
4-Bromophenyl phenyl ether	ND		8610	6860		ug/Kg	☼	80	52 - 101
Butyl benzyl phthalate	ND		8610	6950		ug/Kg	☼	81	52 - 107
Caprolactam	ND		8610	7440		ug/Kg	☼	86	48 - 111
Carbazole	60	J	8610	6340		ug/Kg	☼	73	53 - 100
4-Chloroaniline	ND		8610	5190		ug/Kg	☼	60	47 - 100
4-Chloro-3-methylphenol	ND		8610	7080		ug/Kg	☼	82	49 - 106
2-Chloronaphthalene	ND		8610	5990		ug/Kg	☼	69	51 - 100
2-Chlorophenol	ND		8610	6370		ug/Kg	☼	74	51 - 100
4-Chlorophenyl phenyl ether	ND		8610	6410		ug/Kg	☼	74	52 - 100
Chrysene	740		8610	7170		ug/Kg	☼	75	50 - 100
Dibenz(a,h)anthracene	140		8610	7500		ug/Kg	☼	86	50 - 107
Dibenzofuran	ND		8610	6200		ug/Kg	☼	72	52 - 100
3,3'-Dichlorobenzidine	ND		8610	5490		ug/Kg	☼	64	43 - 100
2,4-Dichlorophenol	ND		8610	7030		ug/Kg	☼	82	53 - 101
Diethyl phthalate	ND		8610	6270		ug/Kg	☼	73	48 - 104
2,4-Dimethylphenol	ND		8610	6160		ug/Kg	☼	72	51 - 101
Dimethyl phthalate	ND		8610	6560		ug/Kg	☼	76	53 - 100
Di-n-butyl phthalate	ND		8610	6540		ug/Kg	☼	76	57 - 102
4,6-Dinitro-2-methylphenol	ND		17200	13700		ug/Kg	☼	80	51 - 100
2,4-Dinitrophenol	ND		17200	7340		ug/Kg	☼	43	33 - 101
2,4-Dinitrotoluene	ND		8610	7050		ug/Kg	☼	82	54 - 104
2,6-Dinitrotoluene	ND		8610	6760		ug/Kg	☼	78	51 - 106
Di-n-octyl phthalate	ND		8610	6400		ug/Kg	☼	74	41 - 106
1,4-Dioxane	ND		8610	5780		ug/Kg	☼	67	25 - 125
Fluoranthene	1100		8610	7370		ug/Kg	☼	72	55 - 100
Fluorene	55	J	8610	6330		ug/Kg	☼	73	52 - 100
Hexachlorobenzene	ND		8610	6460		ug/Kg	☼	75	49 - 100
Hexachlorobutadiene	ND		8610	6080		ug/Kg	☼	71	38 - 107
Hexachlorocyclopentadiene	ND		8610	5290		ug/Kg	☼	61	33 - 117
Hexachloroethane	ND		8610	6390		ug/Kg	☼	74	47 - 100
Indeno[1,2,3-cd]pyrene	430		8610	7350		ug/Kg	☼	80	51 - 103
Isophorone	ND		8610	7260		ug/Kg	☼	84	48 - 105
2-Methylnaphthalene	43	J	8610	6410		ug/Kg	☼	74	53 - 100
2-Methylphenol	ND		8610	6650		ug/Kg	☼	77	50 - 101
Methylphenol, 3 & 4	ND		8610	6810		ug/Kg	☼	79	50 - 103
Naphthalene	42	J	8610	6400		ug/Kg	☼	74	51 - 100

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154988-17 MS
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432943

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitroaniline	ND		8610	7300		ug/Kg	☼	85	42 - 123
3-Nitroaniline	ND		8610	6090		ug/Kg	☼	71	50 - 103
4-Nitroaniline	ND		8610	5690		ug/Kg	☼	66	52 - 103
Nitrobenzene	ND		8610	7110		ug/Kg	☼	83	44 - 108
2-Nitrophenol	ND		8610	7550		ug/Kg	☼	88	55 - 107
4-Nitrophenol	ND		17200	11000		ug/Kg	☼	64	30 - 134
N-Nitrosodi-n-propylamine	ND		8610	7470		ug/Kg	☼	87	45 - 107
N-Nitrosodiphenylamine	ND		8610	6980		ug/Kg	☼	81	52 - 100
2,2'-oxybis[1-chloropropane]	ND		8610	6570		ug/Kg	☼	76	30 - 113
Pentachlorophenol	ND		17200	12900		ug/Kg	☼	75	42 - 110
Phenanthrene	480		8610	6770		ug/Kg	☼	73	53 - 100
Phenol	ND		8610	6950		ug/Kg	☼	81	49 - 100
Pyrene	1100		8610	8170		ug/Kg	☼	82	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		8610	6480		ug/Kg	☼	75	41 - 104
2,3,4,6-Tetrachlorophenol	ND		8610	6700		ug/Kg	☼	78	47 - 104
2,4,5-Trichlorophenol	ND		8610	6900		ug/Kg	☼	80	50 - 104
2,4,6-Trichlorophenol	ND		8610	7210		ug/Kg	☼	84	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*70*		*44 - 105*
2-Fluorophenol (Surr)	*75*		*48 - 105*
Nitrobenzene-d5 (Surr)	*81*		*46 - 105*
Phenol-d5 (Surr)	*84*		*46 - 105*
Terphenyl-d14 (Surr)	*82*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*80*		*34 - 108*

Lab Sample ID: 180-154988-17 MSD
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432943

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	35	J	8560	7070		ug/Kg	☼	82	50 - 100	8	20
Acenaphthylene	270		8560	7350		ug/Kg	☼	83	52 - 100	8	20
Acetophenone	ND		8560	6610		ug/Kg	☼	77	48 - 100	4	17
Anthracene	200		8560	7180		ug/Kg	☼	81	53 - 100	7	20
Atrazine	ND		8560	7170		ug/Kg	☼	84	49 - 103	7	19
Benzaldehyde	ND	F1	8560	847	J F1	ug/Kg	☼	10	23 - 105	2	31
Benzo[a]anthracene	710		8560	7900		ug/Kg	☼	84	51 - 100	6	21
Benzo[a]pyrene	700		8560	7440		ug/Kg	☼	79	51 - 100	6	20
Benzo[b]fluoranthene	960		8560	7480		ug/Kg	☼	76	48 - 100	4	20
Benzo[g,h,i]perylene	520		8560	8140		ug/Kg	☼	89	48 - 105	8	19
Benzo[k]fluoranthene	300		8560	6500		ug/Kg	☼	72	19 - 100	9	20
1,1'-Biphenyl	ND		8560	6990		ug/Kg	☼	82	50 - 100	9	19
Bis(2-chloroethoxy)methane	ND		8560	6010		ug/Kg	☼	70	49 - 100	5	20
Bis(2-chloroethyl)ether	ND		8560	7210		ug/Kg	☼	84	48 - 100	7	18
Bis(2-ethylhexyl) phthalate	ND		8560	7590		ug/Kg	☼	89	53 - 107	6	20
4-Bromophenyl phenyl ether	ND		8560	7260		ug/Kg	☼	85	52 - 101	6	20
Butyl benzyl phthalate	ND		8560	7240		ug/Kg	☼	85	52 - 107	4	19

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154988-17 MSD
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432943

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Caprolactam	ND		8560	7970		ug/Kg	☼	93	48 - 111	7	23
Carbazole	60	J	8560	6780		ug/Kg	☼	79	53 - 100	7	20
4-Chloroaniline	ND		8560	5550		ug/Kg	☼	65	47 - 100	7	20
4-Chloro-3-methylphenol	ND		8560	7380		ug/Kg	☼	86	49 - 106	4	20
2-Chloronaphthalene	ND		8560	6510		ug/Kg	☼	76	51 - 100	8	20
2-Chlorophenol	ND		8560	6760		ug/Kg	☼	79	51 - 100	6	17
4-Chlorophenyl phenyl ether	ND		8560	7020		ug/Kg	☼	82	52 - 100	9	19
Chrysene	740		8560	7530		ug/Kg	☼	79	50 - 100	5	20
Dibenz(a,h)anthracene	140		8560	8070		ug/Kg	☼	93	50 - 107	7	21
Dibenzofuran	ND		8560	6710		ug/Kg	☼	78	52 - 100	8	19
3,3'-Dichlorobenzidine	ND		8560	5990		ug/Kg	☼	70	43 - 100	9	19
2,4-Dichlorophenol	ND		8560	7330		ug/Kg	☼	86	53 - 101	4	22
Diethyl phthalate	ND		8560	6710		ug/Kg	☼	78	48 - 104	7	20
2,4-Dimethylphenol	ND		8560	6520		ug/Kg	☼	76	51 - 101	6	32
Dimethyl phthalate	ND		8560	7030		ug/Kg	☼	82	53 - 100	7	21
Di-n-butyl phthalate	ND		8560	6880		ug/Kg	☼	80	57 - 102	5	20
4,6-Dinitro-2-methylphenol	ND		17100	14600		ug/Kg	☼	85	51 - 100	6	22
2,4-Dinitrophenol	ND		17100	7830		ug/Kg	☼	46	33 - 101	6	20
2,4-Dinitrotoluene	ND		8560	7680		ug/Kg	☼	90	54 - 104	9	20
2,6-Dinitrotoluene	ND		8560	7320		ug/Kg	☼	86	51 - 106	8	20
Di-n-octyl phthalate	ND		8560	6710		ug/Kg	☼	78	41 - 106	5	18
1,4-Dioxane	ND		8560	5990		ug/Kg	☼	70	25 - 125	4	17
Fluoranthene	1100		8560	7810		ug/Kg	☼	78	55 - 100	6	20
Fluorene	55	J	8560	6730		ug/Kg	☼	78	52 - 100	6	19
Hexachlorobenzene	ND		8560	6830		ug/Kg	☼	80	49 - 100	6	20
Hexachlorobutadiene	ND		8560	6500		ug/Kg	☼	76	38 - 107	7	22
Hexachlorocyclopentadiene	ND		8560	5650		ug/Kg	☼	66	33 - 117	7	19
Hexachloroethane	ND		8560	6570		ug/Kg	☼	77	47 - 100	3	17
Indeno[1,2,3-cd]pyrene	430		8560	7980		ug/Kg	☼	88	51 - 103	8	19
Isophorone	ND		8560	7730		ug/Kg	☼	90	48 - 105	6	20
2-Methylnaphthalene	43	J	8560	6870		ug/Kg	☼	80	53 - 100	7	21
2-Methylphenol	ND		8560	6790		ug/Kg	☼	79	50 - 101	2	17
Methylphenol, 3 & 4	ND		8560	7130		ug/Kg	☼	83	50 - 103	5	19
Naphthalene	42	J	8560	6810		ug/Kg	☼	79	51 - 100	6	20
2-Nitroaniline	ND		8560	7790		ug/Kg	☼	91	42 - 123	6	19
3-Nitroaniline	ND		8560	6480		ug/Kg	☼	76	50 - 103	6	20
4-Nitroaniline	ND		8560	6290		ug/Kg	☼	73	52 - 103	10	18
Nitrobenzene	ND		8560	7570		ug/Kg	☼	88	44 - 108	6	21
2-Nitrophenol	ND		8560	7980		ug/Kg	☼	93	55 - 107	6	19
4-Nitrophenol	ND		17100	12200		ug/Kg	☼	71	30 - 134	10	18
N-Nitrosodi-n-propylamine	ND		8560	7920		ug/Kg	☼	93	45 - 107	6	18
N-Nitrosodiphenylamine	ND		8560	7480		ug/Kg	☼	87	52 - 100	7	20
2,2'-oxybis[1-chloropropane]	ND		8560	6730		ug/Kg	☼	79	30 - 113	2	17
Pentachlorophenol	ND		17100	14000		ug/Kg	☼	82	42 - 110	8	20
Phenanthrene	480		8560	7220		ug/Kg	☼	79	53 - 100	7	20
Phenol	ND		8560	7210		ug/Kg	☼	84	49 - 100	4	16
Pyrene	1100		8560	8530		ug/Kg	☼	86	52 - 100	4	20
1,2,4,5-Tetrachlorobenzene	ND		8560	6990		ug/Kg	☼	82	41 - 104	8	21
2,3,4,6-Tetrachlorophenol	ND		8560	7180		ug/Kg	☼	84	47 - 104	7	18

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154988-17 MSD
Matrix: Solid
Analysis Batch: 432969

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432943

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		8560	7560		ug/Kg	☼	88	50 - 104	9	21
2,4,6-Trichlorophenol	ND		8560	7880		ug/Kg	☼	92	50 - 105	9	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*76*		*44 - 105*
2-Fluorophenol (Surr)	*79*		*48 - 105*
Nitrobenzene-d5 (Surr)	*89*		*46 - 105*
Phenol-d5 (Surr)	*89*		*46 - 105*
Terphenyl-d14 (Surr)	*87*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*85*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-432621/1-C
Matrix: Solid
Analysis Batch: 432970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432621

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		04/18/23 10:51	04/21/23 08:23	1
PCB-1221	ND		17	5.9	ug/Kg		04/18/23 10:51	04/21/23 08:23	1
PCB-1232	ND		17	4.1	ug/Kg		04/18/23 10:51	04/21/23 08:23	1
PCB-1242	ND		17	2.4	ug/Kg		04/18/23 10:51	04/21/23 08:23	1
PCB-1248	ND		17	4.0	ug/Kg		04/18/23 10:51	04/21/23 08:23	1
PCB-1254	ND		17	5.0	ug/Kg		04/18/23 10:51	04/21/23 08:23	1
PCB-1260	ND		17	4.7	ug/Kg		04/18/23 10:51	04/21/23 08:23	1
PCB-1262	ND		17	5.9	ug/Kg		04/18/23 10:51	04/21/23 08:23	1
PCB-1268	ND		17	2.2	ug/Kg		04/18/23 10:51	04/21/23 08:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*108*		*63 - 138*	*04/18/23 10:51*	*04/21/23 08:23*	*1*
DCB Decachlorobiphenyl (Surr)	*103*		*63 - 138*	*04/18/23 10:51*	*04/21/23 08:23*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*55 - 135*	*04/18/23 10:51*	*04/21/23 08:23*	*1*
Tetrachloro-m-xylene (Surr)	*106*		*55 - 135*	*04/18/23 10:51*	*04/21/23 08:23*	*1*

Lab Sample ID: LCS 180-432621/2-C
Matrix: Solid
Analysis Batch: 432970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432621

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1330	1340		ug/Kg		100	43 - 136
PCB-1260	1330	1530		ug/Kg		115	55 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*110*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*102*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*99*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*105*		*55 - 135*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-154988-17 MS
Matrix: Solid
Analysis Batch: 432970

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432621

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		1720	1410		ug/Kg	☼	82	43 - 136
PCB-1260	70		1720	1410		ug/Kg	☼	78	55 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*75*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*80*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*76*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*82*		*55 - 135*

Lab Sample ID: 180-154988-17 MSD
Matrix: Solid
Analysis Batch: 432970

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 432621

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1720	1440		ug/Kg	☼	84	43 - 136	2	40
PCB-1260	70		1720	1470		ug/Kg	☼	81	55 - 128	4	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*77*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*81*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*80*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*85*		*55 - 135*

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-433882/1-A
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Antimony	ND		1.0	0.30	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Arsenic	ND		1.0	0.63	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Barium	ND		20	3.6	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Beryllium	ND		0.40	0.11	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Cadmium	ND		0.50	0.073	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Calcium	ND		500	65	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Chromium	ND		0.50	0.46	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Cobalt	ND		5.0	0.70	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Copper	ND		2.5	1.5	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Iron	ND		10	9.7	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Lead	ND		1.0	0.87	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Magnesium	ND		500	55	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Manganese	ND		1.5	0.28	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Nickel	ND		4.0	0.50	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Potassium	ND		500	85	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Selenium	ND		1.0	0.46	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Silver	ND		0.50	0.10	mg/Kg		05/01/23 11:30	05/03/23 13:34	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 180-433882/1-A
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		500	51	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Thallium	ND		2.0	0.28	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Vanadium	ND		5.0	0.79	mg/Kg		05/01/23 11:30	05/03/23 13:34	1
Zinc	4.48		2.0	1.5	mg/Kg		05/01/23 11:30	05/03/23 13:34	1

Lab Sample ID: LCS 180-433882/2-A
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433882

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	493		mg/Kg		99	80 - 120
Antimony	25.0	24.6		mg/Kg		98	80 - 120
Arsenic	100	100		mg/Kg		100	80 - 120
Barium	100	99.1		mg/Kg		99	80 - 120
Beryllium	50.0	49.6		mg/Kg		99	80 - 120
Cadmium	50.0	49.7		mg/Kg		99	80 - 120
Calcium	2500	2530		mg/Kg		101	80 - 120
Chromium	50.0	49.2		mg/Kg		98	80 - 120
Cobalt	50.0	49.1		mg/Kg		98	80 - 120
Copper	50.0	49.6		mg/Kg		99	80 - 120
Iron	500	504		mg/Kg		101	80 - 120
Lead	50.0	48.5		mg/Kg		97	80 - 120
Magnesium	2500	2480		mg/Kg		99	80 - 120
Manganese	50.0	48.5		mg/Kg		97	80 - 120
Nickel	50.0	49.0		mg/Kg		98	80 - 120
Potassium	2500	2430		mg/Kg		97	80 - 120
Selenium	100	98.5		mg/Kg		98	80 - 120
Silver	25.0	23.8		mg/Kg		95	80 - 120
Sodium	2500	2560		mg/Kg		102	80 - 120
Thallium	100	97.0		mg/Kg		97	80 - 120
Vanadium	50.0	49.5		mg/Kg		99	80 - 120
Zinc	25.0	29.1		mg/Kg		117	80 - 120

Lab Sample ID: 180-154988-17 MS
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433882

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6400		547	8870	4	mg/Kg	☼	443	75 - 125
Antimony	ND	F1	27.4	9.95	F1	mg/Kg	☼	36	75 - 125
Arsenic	8.4		109	118		mg/Kg	☼	100	75 - 125
Barium	260	F1	109	234	F1	mg/Kg	☼	-26	75 - 125
Beryllium	0.42	J	54.7	53.4		mg/Kg	☼	97	75 - 125
Cadmium	0.96		54.7	52.9		mg/Kg	☼	95	75 - 125
Calcium	4300	F1	2740	8220	F1	mg/Kg	☼	143	75 - 125
Chromium	11		54.7	63.7		mg/Kg	☼	97	75 - 125
Cobalt	5.6		54.7	64.8		mg/Kg	☼	108	75 - 125
Copper	34		54.7	93.3		mg/Kg	☼	107	75 - 125
Iron	14000		547	16400	4	mg/Kg	☼	502	75 - 125

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154988-17 MS
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433882

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	130	F1	54.7	217	F1	mg/Kg	☼	155	75 - 125
Magnesium	2000		2740	5110		mg/Kg	☼	114	75 - 125
Manganese	300		54.7	399	4	mg/Kg	☼	172	75 - 125
Nickel	16		54.7	76.8		mg/Kg	☼	112	75 - 125
Potassium	610		2740	3350		mg/Kg	☼	100	75 - 125
Selenium	0.65	J	109	109		mg/Kg	☼	99	75 - 125
Silver	ND		27.4	26.0		mg/Kg	☼	95	75 - 125
Sodium	ND		2740	2790		mg/Kg	☼	102	75 - 125
Thallium	ND		109	112		mg/Kg	☼	102	75 - 125
Vanadium	13		54.7	66.9		mg/Kg	☼	98	75 - 125
Zinc	140	B	27.4	174	4	mg/Kg	☼	121	75 - 125

Lab Sample ID: 180-154988-17 MSD
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433882

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	6400		557	9290	4	mg/Kg	☼	511	75 - 125	5	20
Antimony	ND	F1	27.8	11.1	F1	mg/Kg	☼	40	75 - 125	11	20
Arsenic	8.4		111	113		mg/Kg	☼	94	75 - 125	4	20
Barium	260	F1	111	218	F1	mg/Kg	☼	-40	75 - 125	7	20
Beryllium	0.42	J	55.7	50.2		mg/Kg	☼	89	75 - 125	6	20
Cadmium	0.96		55.7	50.4		mg/Kg	☼	89	75 - 125	5	20
Calcium	4300	F1	2780	8100	F1	mg/Kg	☼	136	75 - 125	1	20
Chromium	11		55.7	62.4		mg/Kg	☼	93	75 - 125	2	20
Cobalt	5.6		55.7	61.5		mg/Kg	☼	100	75 - 125	5	20
Copper	34		55.7	88.2		mg/Kg	☼	97	75 - 125	6	20
Iron	14000		557	17400	4	mg/Kg	☼	682	75 - 125	6	20
Lead	130	F1	55.7	202	F1	mg/Kg	☼	126	75 - 125	7	20
Magnesium	2000		2780	5050		mg/Kg	☼	110	75 - 125	1	20
Manganese	300		55.7	406	4	mg/Kg	☼	182	75 - 125	2	20
Nickel	16		55.7	74.3		mg/Kg	☼	105	75 - 125	3	20
Potassium	610		2780	3170		mg/Kg	☼	92	75 - 125	5	20
Selenium	0.65	J	111	103		mg/Kg	☼	92	75 - 125	6	20
Silver	ND		27.8	24.8		mg/Kg	☼	89	75 - 125	5	20
Sodium	ND		2780	2640		mg/Kg	☼	95	75 - 125	5	20
Thallium	ND		111	105		mg/Kg	☼	94	75 - 125	6	20
Vanadium	13		55.7	64.4		mg/Kg	☼	92	75 - 125	4	20
Zinc	140	B	27.8	181	4	mg/Kg	☼	146	75 - 125	4	20

Lab Sample ID: MB 180-433891/1-A
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Antimony	ND		1.0	0.30	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Arsenic	ND		1.0	0.63	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Barium	ND		20	3.6	mg/Kg		05/02/23 10:00	05/03/23 16:04	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 180-433891/1-A
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.40	0.11	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Cadmium	ND		0.50	0.073	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Calcium	ND		500	65	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Chromium	ND		0.50	0.46	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Cobalt	ND		5.0	0.70	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Copper	ND		2.5	1.5	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Iron	ND		10	9.7	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Lead	ND		1.0	0.87	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Magnesium	ND		500	55	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Manganese	ND		1.5	0.28	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Nickel	ND		4.0	0.50	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Potassium	ND		500	85	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Selenium	ND		1.0	0.46	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Silver	ND		0.50	0.10	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Sodium	ND		500	51	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Thallium	ND		2.0	0.28	mg/Kg		05/02/23 10:00	05/03/23 16:04	1
Vanadium	ND		5.0	0.79	mg/Kg		05/02/23 10:00	05/03/23 16:04	1

Lab Sample ID: LCS 180-433891/2-A
Matrix: Solid
Analysis Batch: 434202

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	471		mg/Kg		94	80 - 120
Antimony	25.0	25.2		mg/Kg		101	80 - 120
Arsenic	100	103		mg/Kg		103	80 - 120
Barium	100	96.9		mg/Kg		97	80 - 120
Beryllium	50.0	47.6		mg/Kg		95	80 - 120
Cadmium	50.0	50.2		mg/Kg		100	80 - 120
Calcium	2500	2440		mg/Kg		98	80 - 120
Chromium	50.0	47.7		mg/Kg		95	80 - 120
Cobalt	50.0	48.7		mg/Kg		97	80 - 120
Copper	50.0	48.3		mg/Kg		97	80 - 120
Iron	500	481		mg/Kg		96	80 - 120
Lead	50.0	48.1		mg/Kg		96	80 - 120
Magnesium	2500	2360		mg/Kg		94	80 - 120
Manganese	50.0	46.6		mg/Kg		93	80 - 120
Nickel	50.0	49.0		mg/Kg		98	80 - 120
Potassium	2500	2270		mg/Kg		91	80 - 120
Selenium	100	100		mg/Kg		100	80 - 120
Silver	25.0	23.7		mg/Kg		95	80 - 120
Sodium	2500	2490		mg/Kg		100	80 - 120
Thallium	100	96.3		mg/Kg		96	80 - 120
Vanadium	50.0	47.3		mg/Kg		95	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 180-434556/1-A
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 434556

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Barium	ND		20	3.6	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Beryllium	ND		0.40	0.11	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Cadmium	ND		0.50	0.073	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Calcium	ND		500	65	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Chromium	ND		0.50	0.46	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Cobalt	ND		5.0	0.70	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Copper	ND		2.5	1.5	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Iron	ND		10	9.7	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Lead	ND		1.0	0.87	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Magnesium	ND		500	55	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Manganese	ND		1.5	0.28	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Nickel	ND		4.0	0.50	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Potassium	ND		500	85	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Selenium	ND		1.0	0.46	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Silver	ND		0.50	0.10	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Sodium	ND		500	51	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Thallium	ND		2.0	0.28	mg/Kg		05/08/23 16:29	05/15/23 18:22	1
Vanadium	ND		5.0	0.79	mg/Kg		05/08/23 16:29	05/15/23 18:22	1

Lab Sample ID: MB 180-434556/1-A
Matrix: Solid
Analysis Batch: 435515

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 434556

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0	0.30	mg/Kg		05/08/23 16:29	05/17/23 14:44	1
Arsenic	ND		1.0	0.63	mg/Kg		05/08/23 16:29	05/17/23 14:44	1
Zinc	2.83		2.0	1.5	mg/Kg		05/08/23 16:29	05/17/23 14:44	1

Lab Sample ID: LCS 180-434556/2-A
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 434556

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	565		mg/Kg		113	80 - 120
Barium	100	114		mg/Kg		114	80 - 120
Beryllium	50.0	55.7		mg/Kg		111	80 - 120
Cadmium	50.0	55.8		mg/Kg		112	80 - 120
Calcium	2500	2750		mg/Kg		110	80 - 120
Chromium	50.0	51.9		mg/Kg		104	80 - 120
Cobalt	50.0	55.2		mg/Kg		110	80 - 120
Copper	50.0	52.3		mg/Kg		105	80 - 120
Iron	500	577		mg/Kg		115	80 - 120
Lead	50.0	52.3		mg/Kg		105	80 - 120
Magnesium	2500	2620		mg/Kg		105	80 - 120
Manganese	50.0	52.1		mg/Kg		104	80 - 120
Nickel	50.0	54.4		mg/Kg		109	80 - 120
Potassium	2500	2680		mg/Kg		107	80 - 120
Selenium	100	112		mg/Kg		112	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-434556/2-A
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 434556

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	25.0	23.4		mg/Kg		94	80 - 120
Sodium	2500	2890		mg/Kg		116	80 - 120
Thallium	100	104		mg/Kg		104	80 - 120
Vanadium	50.0	50.7		mg/Kg		101	80 - 120

Lab Sample ID: LCS 180-434556/2-A
Matrix: Solid
Analysis Batch: 435515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 434556

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	25.0	30.9	*+	mg/Kg		123	80 - 120
Arsenic	100	110		mg/Kg		110	80 - 120
Zinc	25.0	29.2		mg/Kg		117	80 - 120

Lab Sample ID: 180-154988-7 MS
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Prep Type: Total/NA
Prep Batch: 434556

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8800	F2	435	6560	4	mg/Kg	☼	-513	75 - 125
Barium	130	F2 F1	87.0	134	F1	mg/Kg	☼	4	75 - 125
Beryllium	0.48	F1	43.5	24.1	F1	mg/Kg	☼	54	75 - 125
Cadmium	0.60	F2 F1	43.5	24.1	F1	mg/Kg	☼	54	75 - 125
Calcium	4800	F2 F1	2180	4270	F1	mg/Kg	☼	-24	75 - 125
Chromium	10	F2 F1	43.5	34.0	F1	mg/Kg	☼	55	75 - 125
Cobalt	5.4	F2 F1	43.5	30.4	F1	mg/Kg	☼	58	75 - 125
Copper	24	F2 F1	43.5	43.6	F1	mg/Kg	☼	45	75 - 125
Iron	15000	F2	435	26100	4	mg/Kg	☼	2609	75 - 125
Lead	140	F2 F1	43.5	123	F1	mg/Kg	☼	-40	75 - 125
Magnesium	1900	F2 F1	2180	2480	F1	mg/Kg	☼	27	75 - 125
Manganese	470	F2	43.5	315	4	mg/Kg	☼	-349	75 - 125
Nickel	16	F2 F1	43.5	40.9	F1	mg/Kg	☼	57	75 - 125
Potassium	590	F2 F1	2180	1690	F1	mg/Kg	☼	50	75 - 125
Selenium	0.54	J F2 F1	87.0	50.2	F1	mg/Kg	☼	57	75 - 125
Silver	ND	F2 F1	21.8	1.86	F1	mg/Kg	☼	9	75 - 125
Sodium	75	J F2 F1	2180	1320	F1	mg/Kg	☼	57	75 - 125
Thallium	0.96	J F2 F1	87.0	44.5	F1	mg/Kg	☼	50	75 - 125
Vanadium	12	F2 F1	43.5	39.3	F1	mg/Kg	☼	62	75 - 125

Lab Sample ID: 180-154988-7 MS
Matrix: Solid
Analysis Batch: 435515

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Prep Type: Total/NA
Prep Batch: 434556

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1 *+	21.8	4.10	F1	mg/Kg	☼	19	75 - 125
Arsenic	5.6	F2 F1	87.0	54.0	F1	mg/Kg	☼	56	75 - 125
Zinc	180	F2 B	21.8	161	4	mg/Kg	☼	-99	75 - 125

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154988-7 MSD
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Prep Type: Total/NA
Prep Batch: 434556

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	8800	F2	441	5330	4 F2	mg/Kg	☼	-785	75 - 125	21	20
Barium	130	F2 F1	88.2	196	F2 F1	mg/Kg	☼	74	75 - 125	37	20
Beryllium	0.48	F1	44.1	26.5	F1	mg/Kg	☼	59	75 - 125	10	20
Cadmium	0.60	F2 F1	44.1	39.9	F2	mg/Kg	☼	89	75 - 125	49	20
Calcium	4800	F2 F1	2210	6290	F2 F1	mg/Kg	☼	67	75 - 125	38	20
Chromium	10	F2 F1	44.1	9.36	F2 F1	mg/Kg	☼	-2	75 - 125	114	20
Cobalt	5.4	F2 F1	44.1	47.4	F2	mg/Kg	☼	95	75 - 125	44	20
Copper	24	F2 F1	44.1	31.9	F2 F1	mg/Kg	☼	18	75 - 125	31	20
Iron	15000	F2	441	2320	4 F2	mg/Kg	☼	-2811	75 - 125	167	20
Lead	140	F2 F1	44.1	53.2	F2 F1	mg/Kg	☼	-197	75 - 125	79	20
Magnesium	1900	F2 F1	2210	3880	F2	mg/Kg	☼	90	75 - 125	44	20
Manganese	470	F2	44.1	478	4 F2	mg/Kg	☼	26	75 - 125	41	20
Nickel	16	F2 F1	44.1	54.8	F2	mg/Kg	☼	88	75 - 125	29	20
Potassium	590	F2 F1	2210	2470	F2	mg/Kg	☼	85	75 - 125	38	20
Selenium	0.54	J F2 F1	88.2	13.0	F2 F1	mg/Kg	☼	14	75 - 125	118	20
Silver	ND	F2 F1	22.1	2.39	F2 F1	mg/Kg	☼	11	75 - 125	25	20
Sodium	75	J F2 F1	2210	2180	F2	mg/Kg	☼	96	75 - 125	49	20
Thallium	0.96	J F2 F1	88.2	34.4	F2 F1	mg/Kg	☼	38	75 - 125	26	20
Vanadium	12	F2 F1	44.1	5.79	F2 F1	mg/Kg	☼	-14	75 - 125	149	20

Lab Sample ID: 180-154988-7 MSD
Matrix: Solid
Analysis Batch: 435515

Client Sample ID: SSHS-IRM5A2-SCV88-0.75-1.75
Prep Type: Total/NA
Prep Batch: 434556

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1 *+	22.1	ND	F1	mg/Kg	☼	0	75 - 125	NC	20
Arsenic	5.6	F2 F1	88.2	9.40	F2 F1	mg/Kg	☼	4	75 - 125	141	20
Zinc	180	F2 B	22.1	207	4 F2	mg/Kg	☼	111	75 - 125	25	20

Lab Sample ID: MB 180-434815/1-A
Matrix: Solid
Analysis Batch: 435515

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 434815

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		2.0	1.5	mg/Kg		05/10/23 14:24	05/17/23 17:25	1

Lab Sample ID: LCS 180-434815/2-A
Matrix: Solid
Analysis Batch: 435515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 434815

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	25.0	25.2		mg/Kg		101	80 - 120

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 180-433819/1-A
Matrix: Solid
Analysis Batch: 434050

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0230	J	0.033	0.021	mg/Kg		05/01/23 09:05	05/02/23 14:12	1

Lab Sample ID: LCS 180-433819/2-A
Matrix: Solid
Analysis Batch: 434050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433819

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.417	0.420		mg/Kg		101	80 - 120

Lab Sample ID: 180-154988-17 MS
Matrix: Solid
Analysis Batch: 434050

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433819

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.31	B	0.202	0.521		mg/Kg	☼	102	80 - 120

Lab Sample ID: 180-154988-17 MSD
Matrix: Solid
Analysis Batch: 434050

Client Sample ID: SSHS-IRM5A2-SCV92-0.75-1.75
Prep Type: Total/NA
Prep Batch: 433819

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.31	B	0.199	0.514		mg/Kg	☼	101	80 - 120	1	20

GC/MS VOA

Analysis Batch: 433384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	EPA 8260C	433475
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	EPA 8260C	433475
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	EPA 8260C	433475
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	EPA 8260C	433475
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	EPA 8260C	433475
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	EPA 8260C	433475
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	EPA 8260C	433475
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	EPA 8260C	433475
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	EPA 8260C	433475
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	EPA 8260C	433475
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	EPA 8260C	433475
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	EPA 8260C	433475
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	EPA 8260C	433475
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	EPA 8260C	433475
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	EPA 8260C	433475
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	EPA 8260C	433475
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 8260C	433475
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	EPA 8260C	433475
180-154988-19	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	EPA 8260C	433475
MB 180-433384/12	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-433384/11	Lab Control Sample	Total/NA	Solid	EPA 8260C	
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 8260C	433475
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 8260C	433475

Prep Batch: 433475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	5035	
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	5035	
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	5035	
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	5035	
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	5035	
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	5035	
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	5035	
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	5035	
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	5035	
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	5035	
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	5035	
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	5035	
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	5035	
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	5035	
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	5035	
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	5035	
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	5035	
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	5035	
180-154988-19	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	5035	
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	5035	
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	5035	

GC/MS Semi VOA

Analysis Batch: 432848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	EPA 8270D	432943

Prep Batch: 432943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	3541	
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	3541	
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	3541	
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	3541	
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	3541	
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	3541	
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	3541	
180-154988-7 - DL	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	3541	
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	3541	
180-154988-8 - DL	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	3541	
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	3541	
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	3541	
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	3541	
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	3541	
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	3541	
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	3541	
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	3541	
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	3541	
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3541	
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	3541	
MB 180-432943/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-432943/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3541	
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3541	

Analysis Batch: 432969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	EPA 8270D	432943
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	EPA 8270D	432943
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	EPA 8270D	432943
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	EPA 8270D	432943
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	EPA 8270D	432943
MB 180-432943/1-A	Method Blank	Total/NA	Solid	EPA 8270D	432943
LCS 180-432943/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	432943
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 8270D	432943
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 8270D	432943

Analysis Batch: 433019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	EPA 8270D	432943
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	EPA 8270D	432943
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	EPA 8270D	432943
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	EPA 8270D	432943
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	EPA 8270D	432943
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	EPA 8270D	432943
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	EPA 8270D	432943
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	EPA 8270D	432943

GC/MS Semi VOA (Continued)

Analysis Batch: 433019 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	EPA 8270D	432943

Analysis Batch: 433093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	EPA 8270D	432943
180-154988-7 - DL	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	EPA 8270D	432943
180-154988-8 - DL	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	EPA 8270D	432943
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	EPA 8270D	432943
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 8270D	432943

GC Semi VOA

Prep Batch: 432621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	3541	
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	3541	
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	3541	
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	3541	
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	3541	
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	3541	
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	3541	
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	3541	
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	3541	
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	3541	
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	3541	
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	3541	
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	3541	
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	3541	
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	3541	
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	3541	
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3541	
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	3541	
MB 180-432621/1-C	Method Blank	Total/NA	Solid	3541	
LCS 180-432621/2-C	Lab Control Sample	Total/NA	Solid	3541	
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3541	
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3541	

Cleanup Batch: 432707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	3665A	432621
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	3665A	432621
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	3665A	432621
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	3665A	432621
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	3665A	432621
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	3665A	432621
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	3665A	432621
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	3665A	432621
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	3665A	432621
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	3665A	432621
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	3665A	432621
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	3665A	432621

GC Semi VOA (Continued)

Cleanup Batch: 432707 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	3665A	432621
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	3665A	432621
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	3665A	432621
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	3665A	432621
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3665A	432621
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	3665A	432621
MB 180-432621/1-C	Method Blank	Total/NA	Solid	3665A	432621
LCS 180-432621/2-C	Lab Control Sample	Total/NA	Solid	3665A	432621
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3665A	432621
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3665A	432621

Cleanup Batch: 432708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	3660B	432707
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	3660B	432707
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	3660B	432707
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	3660B	432707
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	3660B	432707
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	3660B	432707
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	3660B	432707
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	3660B	432707
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	3660B	432707
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	3660B	432707
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	3660B	432707
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	3660B	432707
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	3660B	432707
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	3660B	432707
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	3660B	432707
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	3660B	432707
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3660B	432707
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	3660B	432707
MB 180-432621/1-C	Method Blank	Total/NA	Solid	3660B	432707
LCS 180-432621/2-C	Lab Control Sample	Total/NA	Solid	3660B	432707
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3660B	432707
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3660B	432707

Analysis Batch: 432970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	EPA 8082A	432708
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	EPA 8082A	432708
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	EPA 8082A	432708
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	EPA 8082A	432708
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	EPA 8082A	432708
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	EPA 8082A	432708
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	EPA 8082A	432708
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	EPA 8082A	432708
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	EPA 8082A	432708
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	EPA 8082A	432708
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	EPA 8082A	432708
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	EPA 8082A	432708
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	EPA 8082A	432708

GC Semi VOA (Continued)

Analysis Batch: 432970 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	EPA 8082A	432708
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	EPA 8082A	432708
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	EPA 8082A	432708
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 8082A	432708
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	EPA 8082A	432708
MB 180-432621/1-C	Method Blank	Total/NA	Solid	EPA 8082A	432708
LCS 180-432621/2-C	Lab Control Sample	Total/NA	Solid	EPA 8082A	432708
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 8082A	432708
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 8082A	432708

Metals

Prep Batch: 433819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	7471B	
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	7471B	
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	7471B	
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	7471B	
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	7471B	
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	7471B	
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	7471B	
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	7471B	
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	7471B	
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	7471B	
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	7471B	
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	7471B	
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	7471B	
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	7471B	
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	7471B	
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	7471B	
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	7471B	
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	7471B	
MB 180-433819/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 180-433819/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	7471B	
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	7471B	

Prep Batch: 433882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3050B	
MB 180-433882/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-433882/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3050B	
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	3050B	

Prep Batch: 433891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	3050B	
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	3050B	
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	3050B	
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 433891 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	3050B	
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	3050B	
MB 180-433891/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-433891/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 434050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	EPA 7471B	433819
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	EPA 7471B	433819
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	EPA 7471B	433819
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	EPA 7471B	433819
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	EPA 7471B	433819
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	EPA 7471B	433819
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	EPA 7471B	433819
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	EPA 7471B	433819
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	EPA 7471B	433819
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	EPA 7471B	433819
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	EPA 7471B	433819
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	EPA 7471B	433819
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	EPA 7471B	433819
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	EPA 7471B	433819
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	EPA 7471B	433819
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	EPA 7471B	433819
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 7471B	433819
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	EPA 7471B	433819
MB 180-433819/1-A	Method Blank	Total/NA	Solid	EPA 7471B	433819
LCS 180-433819/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	433819
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 7471B	433819
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 7471B	433819

Analysis Batch: 434202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	EPA 6010C	433891
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	EPA 6010C	433891
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	EPA 6010C	433891
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	EPA 6010C	433891
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	EPA 6010C	433891
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	EPA 6010C	433891
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 6010C	433882
MB 180-433882/1-A	Method Blank	Total/NA	Solid	EPA 6010C	433882
MB 180-433891/1-A	Method Blank	Total/NA	Solid	EPA 6010C	433891
LCS 180-433882/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	433882
LCS 180-433891/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	433891
180-154988-17 MS	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 6010C	433882
180-154988-17 MSD	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	EPA 6010C	433882

Analysis Batch: 434338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	EPA 6010C	433891
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	EPA 6010C	433891
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	EPA 6010C	433891

Metals (Continued)

Analysis Batch: 434338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	EPA 6010C	433891
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	EPA 6010C	433891
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	EPA 6010C	433891

Prep Batch: 434556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	3050B	
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	3050B	
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	3050B	
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	3050B	
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	3050B	
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	3050B	
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	3050B	
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	3050B	
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	3050B	
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	3050B	
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	3050B	
MB 180-434556/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-434556/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154988-7 MS	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	3050B	
180-154988-7 MSD	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	3050B	

Prep Batch: 434815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	3050B	
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	3050B	
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	3050B	
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	3050B	
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	3050B	
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	3050B	
MB 180-434815/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-434815/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 435239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	EPA 6010C	434556
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	EPA 6010C	434556
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	EPA 6010C	434556
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	EPA 6010C	434556
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	EPA 6010C	434556
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	EPA 6010C	434556
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	EPA 6010C	434556
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	EPA 6010C	434556
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	EPA 6010C	434556
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	EPA 6010C	434556
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	EPA 6010C	434556
MB 180-434556/1-A	Method Blank	Total/NA	Solid	EPA 6010C	434556
LCS 180-434556/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	434556
180-154988-7 MS	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	EPA 6010C	434556
180-154988-7 MSD	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	EPA 6010C	434556

Metals

Analysis Batch: 435515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	EPA 6010C	434815
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	EPA 6010C	434815
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	EPA 6010C	434815
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	EPA 6010C	434815
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	EPA 6010C	434815
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	EPA 6010C	434815
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	EPA 6010C	434556
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	EPA 6010C	434556
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	EPA 6010C	434556
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	EPA 6010C	434556
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	EPA 6010C	434556
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	EPA 6010C	434556
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	EPA 6010C	434556
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	EPA 6010C	434556
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	EPA 6010C	434556
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	EPA 6010C	434556
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	EPA 6010C	434556
MB 180-434556/1-A	Method Blank	Total/NA	Solid	EPA 6010C	434556
MB 180-434815/1-A	Method Blank	Total/NA	Solid	EPA 6010C	434815
LCS 180-434556/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	434556
LCS 180-434815/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	434815
180-154988-7 MS	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	EPA 6010C	434556
180-154988-7 MSD	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	EPA 6010C	434556

General Chemistry

Analysis Batch: 432443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-1	SSHS-IRM5A2-SCV86-0.17-0.75	Total/NA	Solid	2540G	
180-154988-2	SSHS-IRM5A2-SCV86-0.75-1.75	Total/NA	Solid	2540G	
180-154988-3	SSHS-IRM5A2-SCV87-0-0.17	Total/NA	Solid	2540G	
180-154988-4	SSHS-IRM5A2-SCV87-0.17-0.75	Total/NA	Solid	2540G	
180-154988-6	SSHS-IRM5A2-SCV88-0.50-0.75	Total/NA	Solid	2540G	
180-154988-7	SSHS-IRM5A2-SCV88-0.75-1.75	Total/NA	Solid	2540G	
180-154988-8	SSHS-IRM5A2-SCV-DUP24	Total/NA	Solid	2540G	
180-154988-9	SSHS-IRM5A2-SCV89-0.50-0.75	Total/NA	Solid	2540G	
180-154988-10	SSHS-IRM5A2-SCV89-0.75-1.75	Total/NA	Solid	2540G	
180-154988-11	SSHS-IRM5A2-SCV90-0.50-0.75	Total/NA	Solid	2540G	
180-154988-12	SSHS-IRM5A2-SCV90-0.75-1.75	Total/NA	Solid	2540G	
180-154988-13	SSHS-IRM5A2-SCV91-0.50-0.75	Total/NA	Solid	2540G	
180-154988-14	SSHS-IRM5A2-SCV91-0.75-1.75	Total/NA	Solid	2540G	
180-154988-15	SSHS-IRM5A2-SCV92-0.50-0.75	Total/NA	Solid	2540G	
180-154988-16	SSHS-IRM5A2-SCV-DUP25	Total/NA	Solid	2540G	
180-154988-17	SSHS-IRM5A2-SCV92-0.75-1.75	Total/NA	Solid	2540G	
180-154988-18	SSHS-IRM5A2-SCV-DUP22	Total/NA	Solid	2540G	
180-154988-19	SSHS-IRM5A2-SCV-DUP19	Total/NA	Solid	2540G	

Analysis Batch: 432445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154988-5	SSHS-IRM5A2-SCV87-0.75-1.75	Total/NA	Solid	2540G	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s).	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

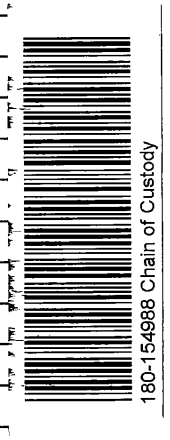
Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV86-0.17-0.75	4/12/23	1430	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV86-0.75-1.75	4/12/23	1435	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV87-0-0.17	4/12/23	1140	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV87-0.17-0.75	4/12/23	1445	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV87-0.75-1.75	4/12/23	1450	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV88-0.50-0.75	4/12/23	1455	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV88-0.75-1.75	4/12/23	1500	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV-DUP24	4/12/23	–	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV89-0.50-0.75	4/12/23	1505	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV89-0.75-1.75	4/12/23	1510	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV90-0.50-0.75	4/12/23	1515	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV90-0.75-1.75	4/12/23	1520	G	S	N	N	X	X	X	X	X	X	8	



☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: [signature]	Date/Time: 4/12/23 1800	Company: Geosyntec	Received by: [signature]	Date/Time: 4-13-23 0930	Company: EA, TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No .	Cooler Temperature(s) °C and Other Remarks.

Ver: 01/16/2019

5/19/2023

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s)	COC No: 180-45857-9656 1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV91-0.50-1.75	4/12/23	1525	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV91-0.75-1.75	4/12/23	1530	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV92-0.50-0.75	4/12/23	1535	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP25	4/12/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV92-0.75-1.75	4/12/23	1540	G	S	N	Y	X	X	X	X	X	X	20	
SSHS-IRM5A2-SCV-DUP22	4/12/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP19	4/12/23	--							X				4	ALL OTHER JARS SENT 4/7/2023

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	4/12/23 1800	Company: Geosyntec		4-13-23 0930	EPI TWE
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No . | Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154988 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N											
SSHS-IRM5A2-SCV86-0.17-0.75	4/12/23	1430	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV86-0.75-1.75	4/12/23	1435	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV87-0-0.17	4/12/23	1140	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV87-0.17-0.75	4/12/23	1445	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV87-0.75-1.75	4/12/23	1450	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV88-0.50-0.75	4/12/23	1455	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV88-0.75-1.75	4/12/23	1500	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV-DUP24	4/12/23	--	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV89-0.50-0.75	4/12/23	1505	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV89-0.75-1.75	4/12/23	1510	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV90-0.50-0.75	4/12/23	1515	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV90-0.75-1.75	4/12/23	1520	G	S	N	N	X	X	X	X	X	X								8	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/12/2023/1800	Company: Geosyntec	Received by:	Date/Time: 4/13/23 1010	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.9

Ver: 01/16/2019

5/19/2023

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV91-0.50-1.75	4/12/23	1525	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV91-0.75-1.75	4/12/23	1530	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV92-0.50-0.75	4/12/23	1535	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP25	4/12/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV92-0.75-1.75	4/12/23	1540	G	S	N	Y	X	X	X	X	X	X	20	
SSHS-IRM5A2-SCV-DUP22	4/12/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP19	4/12/23	--							X				4	ALL OTHER JARS SENT 4/7/2023

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 4/12/2023/1800	Company: Geosyntec	Received by:	Date/Time: 4/13/23 1010	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.9		

5/19/2023

eurofins | Environment Testing TestAmerica

Sacramento
Sample Receiving Notes

180-154988 Field Sheet

Job: _____

Tracking # : 777 8878 6560

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: 610 Corr. Factor: (+ / -) _____ °C

Ice ~ Wet _____ Gel _____ Other _____

Cooler Custody Seal: ~

Cooler ID: ~

Temp Observed: 3.9 °C Corrected: 3.9 °C

From: Temp Blank ☒ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☒	☐
Cooler Temperature is acceptable?	☒	☐	☐
Frozen samples show signs of thaw?	☐	☐	☒

Initials: JF Date: 4/13/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☒	☐	☐
Samples compromised/tampered with?	☐	☒	☐
Containers are not broken or leaking?	☒	☐	☐
Sample custody seal?	☐	☐	☒
Sample containers have legible labels?	☒	☐	☐
Sample date/times are provided?	☒	☐	☐
Appropriate containers are used?	☒	☐	☐
Sample bottles are completely filled?	☒	☐	☐
Sample preservatives verified?	☐	☐	☒
Is the Field Sampler's name on COC?	☒	☐	☐
Samples require splitting/compositing?	☐	☒	☐
Samples w/o discrepancies?	☐	☒	☐
Zero headspace?*	☐	☐	☒
Alkalinity has no headspace?	☐	☐	☒
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☒
Multiphasic samples are not present?	☒	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: NC Date: 4-13-23

Notes: Sample times off. NCM already created by sending lab. NC 4-13-23

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☒	☐	☐
Samples received within hold time?	☒	☐	☐
NCM Filed?	☒	☐	☐
Log Release checked in TALS?	☐	☐	☒

Initials: NC Date: 4-13-23

WR3-056

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154988-1

Login Number: 154988

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Dunlap, David A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 5/19/2023 1:02:04 PM

JOB DESCRIPTION

Former Sperry Remington-SCV

JOB NUMBER

180-154919-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



Generated
5/19/2023 1:02:04 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

Table of Contents

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Receipt Checklists 70

Job ID: 180-154919-1

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154919-1

Receipt
The samples were received on 4/12/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 3.1º C, 3.8º C, 4.3º C, 4.6º C, 4.9º C, 5.6º C and 5.8º C.

GC/MS VOA
Method 8260C: The recovery of surrogate 1,2-Dichloroethane-d4 was above the control limits for the following sample: SSHS-IRM5A2-SCV81-0.83-1.83 (180-154919-1). As the surrogate was high and there were no target analytes detected in the sample, the results were reported.

Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV82-0.17-0.75 (180-154919-4) had several recoveries outside of the control limits. The RPDs between the spikes and the recoveries of the laboratory control sample/laboratory control sample duplicate (LCS/LCSD) were within the control limits.

Method 8260C: The RPD between the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 180-432979 was above the control limits for the following analytes: Acetone and 2-Butanone. The recoveries were within the control limits.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432979 was below criteria for the following analyte: 2-Hexanone. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-432979 was above criteria for the following analytes: Carbon disulfide, Dichlorodifluoromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 180-433087 was above criteria for the following analytes: Carbon disulfide, Dichlorodifluoromethane, 1,1-Dichloroethene, 1,1,2-Trichloro-1,2,2-trifluoroethane, and Methyl acetate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV82-0.17-0.75 (180-154919-4) had the recoveries of Benzaldehyde below the control limits. The RPD between the spikes and the recovery of the laboratory control sample (LCS) were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8082A: The continuing calibration verification (CCV) analyzed in batch 180-433144 (CCVIS 180-433144/5) was above criteria for surrogate decachlorobiphenyl on both columns and surrogate tetrachloro-m-xylene on column RTX-CLP1. The associated sample surrogate recoveries were within the control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010C: The following sample was diluted to bring the concentration of zinc within the linear range of the instrument: SSHS-IRM5A2-SCV86-0-0.17 (180-154919-6). Elevated reporting limits (RLs) are provided.

Method 6010C: The method blank for preparation batch 180-433400 contained iron and zinc above the reporting limit (RL). As the associated samples contained these analytes at concentrations greater than ten-times that of the method blank, the results were reported.

Job ID: 180-154919-1 (Continued)

Laboratory: Eurofins Pittsburgh (Continued)

Method 6010C: The matrix spike/matrix spike duplicate (MS/MSD) of sample SSHS-IRM5A2-SCV82-0.17-0.75 (180-154919-4) had the recoveries of antimony below the control limits and many RPDs between the spikes above the control limits. The recoveries of the laboratory control sample were within the control limits. The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) was greater than 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated RPD values were obtained.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154919-1
Project/Site: Former Sperry Remington-SCV

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	04-01-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids
EPA 8260C	5035	Solid	1,2-Dichloroethene, Total

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Solid	04/11/23 14:00	04/12/23 09:30
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Solid	04/11/23 14:05	04/12/23 09:30
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Solid	04/11/23 00:00	04/12/23 09:30
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Solid	04/11/23 14:10	04/12/23 09:30
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Solid	04/11/23 14:15	04/12/23 09:30
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Solid	04/11/23 14:20	04/12/23 09:30

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-1

Method	Method Description	Protocol	Laboratory
EPA 8260C	Volatile Organic Compounds by GC/MS	SW846	EET PIT
EPA 8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
EPA 6010C	Metals (ICP)	SW846	EET PIT
EPA 7471B	Mercury (CVAA)	SW846	EET PIT
2540G	SM 2540G	SM22	EET PIT
3050B	Preparation, Metals	SW846	EET PIT
3541	Automated Soxhlet Extraction	SW846	EET PIT
3660B	Sulfur Cleanup	SW846	EET PIT
3665A	Sulfuric Acid/Permanganate Cleanup	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	EET PIT
7471B	Preparation, Mercury	SW846	EET PIT

Protocol References:

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-1

Client Sample ID: SSHS-IRM5A2-SCV81-0.83-1.83
Lab Sample ID: 180-154919-1
Date Collected: 04/11/23 14:00
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV81-0.83-1.83
Lab Sample ID: 180-154919-1
Date Collected: 04/11/23 14:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3045 g	5 mL	433120	04/22/23 08:25	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433087	04/22/23 15:15	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.3 g	5.0 mL	432293	04/14/23 06:07	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432298	04/14/23 15:01	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.0 g	20.0 mL	432636	04/18/23 11:50	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432705	04/19/23 04:49	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432706	04/19/23 04:50	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 22:56	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.76 g	50 mL	434814	05/10/23 14:21	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 11:53	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433818	05/01/23 08:50	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 13:12	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17
Lab Sample ID: 180-154919-2
Date Collected: 04/11/23 14:05
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17
Lab Sample ID: 180-154919-2
Date Collected: 04/11/23 14:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3026 g	5 mL	433120	04/22/23 08:25	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433087	04/22/23 14:52	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.0 g	5.0 mL	432293	04/14/23 06:07	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432298	04/14/23 15:23	VVP	EET PIT
	Instrument ID: CH731									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-1

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17

Lab Sample ID: 180-154919-2
Date Collected: 04/11/23 14:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.3 g	20.0 mL	433009	04/21/23 09:59	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	433073	04/22/23 06:09	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	433074	04/22/23 06:10	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	433144	04/24/23 09:42	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.83 g	50 mL	434814	05/10/23 14:21	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 11:58	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.61 g	100 mL	433818	05/01/23 08:50	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 13:13	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV-DUP23

Lab Sample ID: 180-154919-3
Date Collected: 04/11/23 00:00
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP23

Lab Sample ID: 180-154919-3
Date Collected: 04/11/23 00:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.2235 g	5 mL	433120	04/22/23 08:25	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433087	04/22/23 14:30	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432293	04/14/23 06:07	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432298	04/14/23 15:45	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.0 g	20.0 mL	432636	04/18/23 11:50	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432705	04/19/23 04:49	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432706	04/19/23 04:50	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 23:14	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.68 g	50 mL	434814	05/10/23 14:21	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 12:03	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.60 g	100 mL	433818	05/01/23 08:50	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 13:14	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-1

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75

Lab Sample ID: 180-154919-4
Date Collected: 04/11/23 14:10
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75

Lab Sample ID: 180-154919-4
Date Collected: 04/11/23 14:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0302 g	5 mL	433069	04/21/23 10:00	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	432979	04/21/23 11:44	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432293	04/14/23 06:07	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432298	04/14/23 13:56	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.0 g	20.0 mL	432636	04/18/23 11:50	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432705	04/19/23 04:49	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432706	04/19/23 04:50	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 21:59	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.60 g	50 mL	433400	04/26/23 07:51	JBP	EET PIT
Total/NA	Analysis	EPA 6010C		1			433826	04/28/23 17:36	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433818	05/01/23 08:50	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 13:08	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75

Lab Sample ID: 180-154919-5
Date Collected: 04/11/23 14:15
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75

Lab Sample ID: 180-154919-5
Date Collected: 04/11/23 14:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.1326 g	5 mL	433120	04/22/23 08:25	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433087	04/22/23 13:44	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.2 g	5.0 mL	432293	04/14/23 06:07	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432298	04/14/23 16:07	VVP	EET PIT
	Instrument ID: CH731									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154919-1
Project/Site: Former Sperry Remington-SCV

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75
Lab Sample ID: 180-154919-5
Date Collected: 04/11/23 14:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	20.0 mL	432636	04/18/23 11:50	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432705	04/19/23 04:49	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432706	04/19/23 04:50	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 23:33	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.83 g	50 mL	434814	05/10/23 14:21	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 12:08	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433818	05/01/23 08:50	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 13:15	MTW	EET PIT
	Instrument ID: HGZ									

Client Sample ID: SSHS-IRM5A2-SCV86-0-0.17
Lab Sample ID: 180-154919-6
Date Collected: 04/11/23 14:20
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			432382	04/14/23 15:50	CMR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV86-0-0.17
Lab Sample ID: 180-154919-6
Date Collected: 04/11/23 14:20
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 72.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0026 g	5 mL	433120	04/22/23 08:25	PJJ	EET PIT
Total/NA	Analysis	EPA 8260C		1	5 mL	5 mL	433087	04/22/23 13:22	PJJ	EET PIT
	Instrument ID: CHHP3									
Total/NA	Prep	3541			15.1 g	5.0 mL	432293	04/14/23 06:07	VJC	EET PIT
Total/NA	Analysis	EPA 8270D		1	1 mL	1 mL	432298	04/14/23 16:29	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.0 g	20.0 mL	432636	04/18/23 11:50	AAS	EET PIT
Total/NA	Cleanup	3665A			2 mL	2 mL	432705	04/19/23 04:49	JMO	EET PIT
Total/NA	Cleanup	3660B			2 mL	2 mL	432706	04/19/23 04:50	JMO	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 uL	1 uL	432711	04/19/23 23:52	JMO	EET PIT
	Instrument ID: CHGC16									
Total/NA	Prep	3050B			0.87 g	50 mL	434814	05/10/23 14:21	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		1			435239	05/15/23 12:13	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	3050B			0.87 g	50 mL	434814	05/10/23 14:21	S1Z	EET PIT
Total/NA	Analysis	EPA 6010C		10			435515	05/17/23 14:39	RJG	EET PIT
	Instrument ID: Q									
Total/NA	Prep	7471B			0.62 g	100 mL	433818	05/01/23 08:50	MTW	EET PIT
Total/NA	Analysis	EPA 7471B		1			434050	05/02/23 13:16	MTW	EET PIT
	Instrument ID: HGZ									

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-1

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: EET PIT

Batch Type: Cleanup

JMO = John Oravec

Batch Type: Prep

AAS = Arianna Swick
JBP = Jack Prothero
MTW = Michael Wesoloski
PJJ = Patrick Journet
S1Z = Sage Ziviello
VJC = Vincent Cervone

Batch Type: Analysis

CMR = Carl Reagle
JMO = John Oravec
MTW = Michael Wesoloski
PJJ = Patrick Journet
RJG = Rob Good
VVP = Vincent Piccolino

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-1

Client Sample ID: SSHS-IRM5A2-SCV81-0.83-1.83
Date Collected: 04/11/23 14:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-1
Matrix: Solid
Percent Solids: 82.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.5	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
2-Butanone (MEK)	ND		5.7	2.9	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Carbon disulfide	ND		5.7	4.6	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Chloroethane	ND		5.7	3.3	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Chloroform	ND		5.7	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Chloromethane	ND		5.7	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Dichlorobromomethane	ND		5.7	2.7	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Dichlorodifluoromethane	ND		5.7	2.9	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,2-Dichloroethane	ND		5.7	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,2-Dichloroethene, Total	ND		11	4.7	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,4-Dioxane	ND		1100	41	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Methyl acetate	ND		29	8.4	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Methylcyclohexane	ND		5.7	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Methylene Chloride	ND		5.7	5.2	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Toluene	ND		5.7	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,2,3-Trichlorobenzene	ND		5.7	3.2	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1

Client Sample ID: SSHS-IRM5A2-SCV81-0.83-1.83
Date Collected: 04/11/23 14:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-1
Matrix: Solid
Percent Solids: 82.2

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Trichlorofluoromethane	ND		5.7	4.8	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1
Xylenes, Total	ND		11	8.3	ug/Kg	☼	04/22/23 08:25	04/22/23 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 124*	*04/22/23 08:25*	*04/22/23 15:15*	*1*
Dibromofluoromethane (Surr)	*115*		*69 - 126*	*04/22/23 08:25*	*04/22/23 15:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*136*	*S1+*	*73 - 135*	*04/22/23 08:25*	*04/22/23 15:15*	*1*
Toluene-d8 (Surr)	*94*		*67 - 134*	*04/22/23 08:25*	*04/22/23 15:15*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		80	23	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Acenaphthylene	ND		80	17	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Acetophenone	ND		800	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Anthracene	ND		80	21	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Atrazine	ND		800	170	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Benzaldehyde	ND		800	49	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Benzo[a]anthracene	ND		80	36	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Benzo[a]pyrene	ND		80	34	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Benzo[b]fluoranthene	**20**	**J**	80	20	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Benzo[g,h,i]perylene	ND		80	17	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Benzo[k]fluoranthene	ND		80	24	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
1,1'-Biphenyl	ND		390	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Bis(2-chloroethoxy)methane	ND		390	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Bis(2-chloroethyl)ether	ND		80	14	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Butyl benzyl phthalate	ND		390	270	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Carbazole	ND		80	19	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2-Chloronaphthalene	ND		80	18	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Chrysene	ND		80	44	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Dibenz(a,h)anthracene	ND		80	51	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Dibenzofuran	ND		390	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2,4-Dichlorophenol	ND		80	31	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Dimethyl phthalate	ND		390	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Di-n-butyl phthalate	ND		390	170	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
4,6-Dinitro-2-methylphenol	ND		2000	690	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2,4-Dinitrophenol	ND		3900	2500	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1

Client Sample ID: SSHS-IRM5A2-SCV81-0.83-1.83
Date Collected: 04/11/23 14:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-1
Matrix: Solid
Percent Solids: 82.2

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
1,4-Dioxane	ND		800	120	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Fluoranthene	**29**	**J**	80	21	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Fluorene	ND		80	16	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Hexachlorobenzene	ND		80	28	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Hexachlorobutadiene	ND		80	23	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Hexachlorocyclopentadiene	ND		390	41	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Hexachloroethane	ND		390	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Indeno[1,2,3-cd]pyrene	ND		80	40	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Isophorone	ND		390	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2-Methylnaphthalene	ND		80	19	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2-Methylphenol	ND		390	110	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Naphthalene	ND		80	15	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Nitrobenzene	ND		800	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
N-Nitrosodi-n-propylamine	ND		80	27	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2,2'-oxybis[1-chloropropane]	ND		80	29	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Phenanthrene	ND		80	21	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Phenol	ND		390	120	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
Pyrene	**29**	**J**	80	19	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2,3,4,6-Tetrachlorophenol	ND		390	170	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	04/14/23 06:07	04/14/23 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*55*		*44 - 105*	*04/14/23 06:07*	*04/14/23 15:01*	*1*
2-Fluorophenol (Surr)	*59*		*48 - 105*	*04/14/23 06:07*	*04/14/23 15:01*	*1*
Nitrobenzene-d5 (Surr)	*56*		*46 - 105*	*04/14/23 06:07*	*04/14/23 15:01*	*1*
Phenol-d5 (Surr)	*61*		*46 - 105*	*04/14/23 06:07*	*04/14/23 15:01*	*1*
Terphenyl-d14 (Surr)	*64*		*39 - 105*	*04/14/23 06:07*	*04/14/23 15:01*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*34 - 108*	*04/14/23 06:07*	*04/14/23 15:01*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	04/18/23 11:50	04/19/23 22:56	1
PCB-1221	ND		20	7.2	ug/Kg	☼	04/18/23 11:50	04/19/23 22:56	1
PCB-1232	ND		20	4.9	ug/Kg	☼	04/18/23 11:50	04/19/23 22:56	1
PCB-1242	ND		20	3.0	ug/Kg	☼	04/18/23 11:50	04/19/23 22:56	1
PCB-1248	ND		20	4.9	ug/Kg	☼	04/18/23 11:50	04/19/23 22:56	1
PCB-1254	ND		20	6.1	ug/Kg	☼	04/18/23 11:50	04/19/23 22:56	1
PCB-1260	ND		20	5.8	ug/Kg	☼	04/18/23 11:50	04/19/23 22:56	1

Client Sample ID: SSHS-IRM5A2-SCV81-0.83-1.83

Lab Sample ID: 180-154919-1
Date Collected: 04/11/23 14:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 82.2

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		20	7.1	ug/Kg	☼	04/18/23 11:50	04/19/23 22:56	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/18/23 11:50	04/19/23 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*63 - 138*	*04/18/23 11:50*	*04/19/23 22:56*	*1*
DCB Decachlorobiphenyl (Surr)	*111*		*63 - 138*	*04/18/23 11:50*	*04/19/23 22:56*	*1*
Tetrachloro-m-xylene (Surr)	*106*		*55 - 135*	*04/18/23 11:50*	*04/19/23 22:56*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*	*04/18/23 11:50*	*04/19/23 22:56*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9200**		16	4.0	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Antimony	**0.34**	**J**	0.80	0.24	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Arsenic	**5.9**		0.80	0.50	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Barium	**130**		16	2.8	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Beryllium	**0.38**		0.32	0.087	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Cadmium	ND		0.40	0.059	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Calcium	**530**		400	52	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Chromium	**9.1**		0.40	0.36	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Cobalt	**4.4**		4.0	0.56	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Copper	**16**		2.0	1.2	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Iron	**15000**		8.0	7.8	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Lead	**27**		0.80	0.70	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Magnesium	**1500**		400	44	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Manganese	**390**		1.2	0.22	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Nickel	**10**		3.2	0.40	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Potassium	**380**	**J B**	400	68	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Selenium	**1.0**		0.80	0.37	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Silver	ND		0.40	0.083	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Sodium	ND		400	41	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Thallium	**0.79**	**J**	1.6	0.23	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Vanadium	**15**		4.0	0.63	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1
Zinc	**63**	**B**	1.6	1.2	mg/Kg	☼	05/10/23 14:21	05/15/23 11:53	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.087**	**B**	0.039	0.025	mg/Kg	☼	05/01/23 08:50	05/02/23 13:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**17.8**		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	**82.2**		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17

Lab Sample ID: 180-154919-2
Date Collected: 04/11/23 14:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	4.6	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Benzene	ND		5.9	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-1

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17
Date Collected: 04/11/23 14:05
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-2
Matrix: Solid
Percent Solids: 79.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.9	3.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Bromomethane	ND		5.9	2.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
2-Butanone (MEK)	ND		5.9	3.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Carbon disulfide	ND		5.9	4.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Carbon tetrachloride	ND		5.9	2.4	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Chlorobenzene	ND		5.9	1.5	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Chlorobromomethane	ND		5.9	3.6	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Chlorodibromomethane	ND		5.9	2.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Chloroethane	ND		5.9	3.5	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Chloroform	ND		5.9	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Chloromethane	ND		5.9	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
cis-1,2-Dichloroethene	ND		5.9	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
cis-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Cyclohexane	ND		5.9	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,2-Dibromo-3-Chloropropane	ND		5.9	3.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,2-Dichlorobenzene	ND		5.9	2.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,3-Dichlorobenzene	ND		5.9	3.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,4-Dichlorobenzene	ND		5.9	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Dichlorobromomethane	ND		5.9	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Dichlorodifluoromethane	ND		5.9	3.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,1-Dichloroethane	ND		5.9	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,2-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,1-Dichloroethene	ND		5.9	2.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,2-Dichloroethene, Total	ND		12	4.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,2-Dichloropropane	ND		5.9	1.6	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,4-Dioxane	ND		1200	42	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Ethylbenzene	ND		5.9	2.2	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
2-Hexanone	ND		5.9	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Isopropylbenzene	ND		5.9	3.1	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Methyl acetate	ND		30	8.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Methylcyclohexane	ND		5.9	2.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Methylene Chloride	ND		5.9	5.3	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.9	2.2	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Methyl tert-butyl ether	ND		5.9	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
m-Xylene & p-Xylene	ND		5.9	2.1	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
o-Xylene	ND		5.9	2.4	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Styrene	ND		5.9	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Tetrachloroethene	ND		5.9	2.4	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Toluene	ND		5.9	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
trans-1,2-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
trans-1,3-Dichloropropene	ND		5.9	2.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,2,3-Trichlorobenzene	ND		5.9	3.3	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,2,4-Trichlorobenzene	ND		5.9	3.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,1,1-Trichloroethane	ND		5.9	2.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
1,1,2-Trichloroethane	ND		5.9	1.2	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Trichloroethene	ND		5.9	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Trichlorofluoromethane	ND		5.9	4.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17

Date Collected: 04/11/23 14:05
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-2

Matrix: Solid
Percent Solids: 79.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	2.4	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Vinyl chloride	ND		5.9	4.3	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1
Xylenes, Total	ND		12	8.5	ug/Kg	☼	04/22/23 08:25	04/22/23 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*60 - 124*	*04/22/23 08:25*	*04/22/23 14:52*	*1*
Dibromofluoromethane (Surr)	*107*		*69 - 126*	*04/22/23 08:25*	*04/22/23 14:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*124*		*73 - 135*	*04/22/23 08:25*	*04/22/23 14:52*	*1*
Toluene-d8 (Surr)	*89*		*67 - 134*	*04/22/23 08:25*	*04/22/23 14:52*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		84	24	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Acenaphthylene	**62**	**J**	84	18	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Acetophenone	ND		840	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Anthracene	**56**	**J**	84	22	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Atrazine	ND		840	180	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Benzaldehyde	ND		840	52	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Benzo[a]anthracene	**300**		84	38	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Benzo[a]pyrene	**290**		84	36	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Benzo[b]fluoranthene	**380**		84	21	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Benzo[g,h,i]perylene	**220**		84	18	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Benzo[k]fluoranthene	**160**		84	25	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
1,1'-Biphenyl	ND		410	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Bis(2-chloroethoxy)methane	ND		410	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Bis(2-chloroethyl)ether	ND		84	15	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Bis(2-ethylhexyl) phthalate	ND		4100	450	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
4-Bromophenyl phenyl ether	ND		410	180	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Butyl benzyl phthalate	ND		410	290	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Caprolactam	ND		2100	270	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Carbazole	**33**	**J**	84	20	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
4-Chloroaniline	ND		410	110	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
4-Chloro-3-methylphenol	ND		410	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2-Chloronaphthalene	ND		84	19	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2-Chlorophenol	ND		410	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
4-Chlorophenyl phenyl ether	ND		410	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Chrysene	**390**		84	47	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Dibenz(a,h)anthracene	ND		84	54	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Dibenzofuran	ND		410	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
3,3'-Dichlorobenzidine	ND		410	390	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2,4-Dichlorophenol	ND		84	32	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Diethyl phthalate	ND		410	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2,4-Dimethylphenol	ND		410	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Dimethyl phthalate	ND		410	170	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Di-n-butyl phthalate	ND		410	180	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
4,6-Dinitro-2-methylphenol	ND		2100	720	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2,4-Dinitrophenol	ND		4100	2600	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2,4-Dinitrotoluene	ND		410	250	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2,6-Dinitrotoluene	ND		410	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Di-n-octyl phthalate	ND		410	240	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17
Date Collected: 04/11/23 14:05
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-2
Matrix: Solid
Percent Solids: 79.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		840	130	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Fluoranthene	**580**		84	22	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Fluorene	ND		84	16	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Hexachlorobenzene	ND		84	30	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Hexachlorobutadiene	ND		84	25	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Hexachlorocyclopentadiene	ND		410	43	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Hexachloroethane	ND		410	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Indeno[1,2,3-cd]pyrene	**160**		84	42	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Isophorone	ND		410	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2-Methylnaphthalene	ND		84	20	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2-Methylphenol	ND		410	120	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Methylphenol, 3 & 4	ND		410	120	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Naphthalene	ND		84	16	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
3-Nitroaniline	ND		2100	110	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
4-Nitroaniline	ND		2100	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Nitrobenzene	ND		840	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2-Nitrophenol	ND		410	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
N-Nitrosodi-n-propylamine	ND		84	28	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
N-Nitrosodiphenylamine	ND		410	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2,2'-oxybis[1-chloropropane]	ND		84	31	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Pentachlorophenol	ND		2100	670	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Phenanthrene	**240**		84	23	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Phenol	ND		410	130	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
Pyrene	**540**		84	20	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
1,2,4,5-Tetrachlorobenzene	ND		410	170	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2,3,4,6-Tetrachlorophenol	ND		410	170	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2,4,5-Trichlorophenol	ND		410	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1
2,4,6-Trichlorophenol	ND		410	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*44 - 105*	*04/14/23 06:07*	*04/14/23 15:23*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*04/14/23 06:07*	*04/14/23 15:23*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*04/14/23 06:07*	*04/14/23 15:23*	*1*
Phenol-d5 (Surr)	*68*		*46 - 105*	*04/14/23 06:07*	*04/14/23 15:23*	*1*
Terphenyl-d14 (Surr)	*74*		*39 - 105*	*04/14/23 06:07*	*04/14/23 15:23*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*04/14/23 06:07*	*04/14/23 15:23*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.7	ug/Kg	☼	04/21/23 09:59	04/24/23 09:42	1
PCB-1221	ND		21	7.3	ug/Kg	☼	04/21/23 09:59	04/24/23 09:42	1
PCB-1232	ND		21	5.0	ug/Kg	☼	04/21/23 09:59	04/24/23 09:42	1
PCB-1242	ND		21	3.0	ug/Kg	☼	04/21/23 09:59	04/24/23 09:42	1
PCB-1248	ND		21	4.9	ug/Kg	☼	04/21/23 09:59	04/24/23 09:42	1
PCB-1254	ND		21	6.2	ug/Kg	☼	04/21/23 09:59	04/24/23 09:42	1
PCB-1260	ND		21	5.8	ug/Kg	☼	04/21/23 09:59	04/24/23 09:42	1
PCB-1262	ND		21	7.2	ug/Kg	☼	04/21/23 09:59	04/24/23 09:42	1
PCB-1268	ND		21	2.8	ug/Kg	☼	04/21/23 09:59	04/24/23 09:42	1

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17

Lab Sample ID: 180-154919-2

Date Collected: 04/11/23 14:05
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 79.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	105		63 - 138	04/21/23 09:59	04/24/23 09:42	1
DCB Decachlorobiphenyl (Surr)	109		63 - 138	04/21/23 09:59	04/24/23 09:42	1
Tetrachloro-m-xylene (Surr)	104		55 - 135	04/21/23 09:59	04/24/23 09:42	1
Tetrachloro-m-xylene (Surr)	93		55 - 135	04/21/23 09:59	04/24/23 09:42	1

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8100		15	3.8	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Antimony	0.36	J	0.76	0.23	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Arsenic	4.8		0.76	0.47	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Barium	91		15	2.7	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Beryllium	0.32		0.30	0.083	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Cadmium	0.35	J	0.38	0.056	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Calcium	2700		380	49	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Chromium	9.7		0.38	0.34	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Cobalt	4.9		3.8	0.53	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Copper	19		1.9	1.1	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Iron	15000		7.6	7.4	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Lead	56		0.76	0.66	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Magnesium	1800		380	42	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Manganese	350		1.1	0.21	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Nickel	12		3.0	0.38	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Potassium	750	B	380	64	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Selenium	0.42	J	0.76	0.35	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Silver	ND		0.38	0.079	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Sodium	ND		380	39	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Thallium	0.71	J	1.5	0.22	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Vanadium	13		3.8	0.60	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1
Zinc	300	B	1.5	1.1	mg/Kg	☼	05/10/23 14:21	05/15/23 11:58	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.089	B	0.041	0.026	mg/Kg	☼	05/01/23 08:50	05/02/23 13:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	20.5		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	79.5		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP23

Lab Sample ID: 180-154919-3

Date Collected: 04/11/23 00:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 77.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Benzene	ND		6.2	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Bromoform	ND		6.2	3.1	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Bromomethane	ND		6.2	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
2-Butanone (MEK)	ND		6.2	3.2	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Carbon disulfide	ND		6.2	5.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-1

Client Sample ID: SSHS-IRM5A2-SCV-DUP23
Date Collected: 04/11/23 00:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-3
Matrix: Solid
Percent Solids: 77.1

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		6.2	2.5	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Chlorobenzene	ND		6.2	1.6	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Chlorobromomethane	ND		6.2	3.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Chlorodibromomethane	ND		6.2	3.1	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Chloroethane	ND		6.2	3.6	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Chloroform	ND		6.2	2.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Chloromethane	ND		6.2	2.5	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
cis-1,2-Dichloroethene	ND		6.2	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
cis-1,3-Dichloropropene	ND		6.2	2.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Cyclohexane	ND		6.2	3.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,2-Dibromo-3-Chloropropane	ND		6.2	4.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,2-Dibromoethane	ND		6.2	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,2-Dichlorobenzene	ND		6.2	2.1	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,3-Dichlorobenzene	ND		6.2	3.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,4-Dichlorobenzene	ND		6.2	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Dichlorobromomethane	ND		6.2	2.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Dichlorodifluoromethane	ND		6.2	3.1	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,1-Dichloroethane	ND		6.2	2.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,2-Dichloroethane	ND		6.2	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,1-Dichloroethene	ND		6.2	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,2-Dichloroethene, Total	ND		12	5.1	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,2-Dichloropropane	ND		6.2	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,4-Dioxane	ND		1200	44	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Ethylbenzene	ND		6.2	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
2-Hexanone	ND		6.2	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Isopropylbenzene	ND		6.2	3.2	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Methyl acetate	ND		31	9.1	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Methylcyclohexane	ND		6.2	3.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Methylene Chloride	ND		6.2	5.6	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
4-Methyl-2-pentanone (MIBK)	ND		6.2	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Methyl tert-butyl ether	ND		6.2	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
m-Xylene & p-Xylene	ND		6.2	2.2	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
o-Xylene	ND		6.2	2.5	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Styrene	ND		6.2	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Tetrachloroethene	ND		6.2	2.5	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Toluene	ND		6.2	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
trans-1,2-Dichloroethene	ND		6.2	2.2	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
trans-1,3-Dichloropropene	ND		6.2	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,2,3-Trichlorobenzene	ND		6.2	3.4	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,2,4-Trichlorobenzene	ND		6.2	3.2	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,1,1-Trichloroethane	ND		6.2	2.1	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,1,2-Trichloroethane	ND		6.2	1.2	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Trichloroethene	ND		6.2	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Trichlorofluoromethane	ND		6.2	5.2	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	2.5	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Vinyl chloride	ND		6.2	4.5	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1
Xylenes, Total	ND		12	9.0	ug/Kg	☼	04/22/23 08:25	04/22/23 14:30	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP23

Date Collected: 04/11/23 00:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-3

Matrix: Solid
Percent Solids: 77.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 124*	*04/22/23 08:25*	*04/22/23 14:30*	*1*
Dibromofluoromethane (Surr)	*106*		*69 - 126*	*04/22/23 08:25*	*04/22/23 14:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*73 - 135*	*04/22/23 08:25*	*04/22/23 14:30*	*1*
Toluene-d8 (Surr)	*93*		*67 - 134*	*04/22/23 08:25*	*04/22/23 14:30*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		86	25	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Acenaphthylene	**40**	**J**	86	19	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Acetophenone	ND		860	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Anthracene	**33**	**J**	86	22	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Atrazine	ND		860	190	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Benzaldehyde	ND		860	53	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Benzo[a]anthracene	**160**		86	39	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Benzo[a]pyrene	**170**		86	37	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Benzo[b]fluoranthene	**220**		86	21	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Benzo[g,h,i]perylene	**120**		86	19	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Benzo[k]fluoranthene	**94**		86	26	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
1,1'-Biphenyl	ND		430	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Bis(2-chloroethoxy)methane	ND		430	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Bis(2-chloroethyl)ether	ND		86	16	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Bis(2-ethylhexyl) phthalate	ND		4300	460	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
4-Bromophenyl phenyl ether	ND		430	180	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Butyl benzyl phthalate	ND		430	300	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Caprolactam	ND		2200	280	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Carbazole	**20**	**J**	86	20	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
4-Chloroaniline	ND		430	110	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
4-Chloro-3-methylphenol	ND		430	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2-Chloronaphthalene	ND		86	20	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2-Chlorophenol	ND		430	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
4-Chlorophenyl phenyl ether	ND		430	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Chrysene	**220**		86	48	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Dibenz(a,h)anthracene	ND		86	55	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Dibenzofuran	ND		430	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
3,3'-Dichlorobenzidine	ND		430	400	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2,4-Dichlorophenol	ND		86	33	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Diethyl phthalate	ND		430	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2,4-Dimethylphenol	ND		430	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Dimethyl phthalate	ND		430	170	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Di-n-butyl phthalate	ND		430	190	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
4,6-Dinitro-2-methylphenol	ND		2200	740	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2,4-Dinitrophenol	ND		4300	2700	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2,4-Dinitrotoluene	ND		430	260	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2,6-Dinitrotoluene	ND		430	170	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Di-n-octyl phthalate	ND		430	250	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
1,4-Dioxane	ND		860	130	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Fluoranthene	**330**		86	23	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Fluorene	ND		86	17	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Hexachlorobenzene	ND		86	31	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Hexachlorobutadiene	ND		86	25	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP23

Date Collected: 04/11/23 00:00
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-3

Matrix: Solid
Percent Solids: 77.1

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		430	44	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Hexachloroethane	ND		430	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Indeno[1,2,3-cd]pyrene	**110**		86	43	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Isophorone	ND		430	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2-Methylnaphthalene	ND		86	21	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2-Methylphenol	ND		430	120	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Methylphenol, 3 & 4	ND		430	130	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Naphthalene	ND		86	17	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2-Nitroaniline	ND		2200	200	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Nitrobenzene	ND		860	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2-Nitrophenol	ND		430	160	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
N-Nitrosodi-n-propylamine	ND		86	29	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
N-Nitrosodiphenylamine	ND		430	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2,2'-oxybis[1-chloropropane]	ND		86	32	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Pentachlorophenol	ND		2200	690	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Phenanthrene	**140**		86	23	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Phenol	ND		430	130	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
Pyrene	**310**		86	20	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
1,2,4,5-Tetrachlorobenzene	ND		430	170	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2,3,4,6-Tetrachlorophenol	ND		430	180	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2,4,5-Trichlorophenol	ND		430	150	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1
2,4,6-Trichlorophenol	ND		430	140	ug/Kg	☼	04/14/23 06:07	04/14/23 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*44 - 105*	*04/14/23 06:07*	*04/14/23 15:45*	*1*
2-Fluorophenol (Surr)	*59*		*48 - 105*	*04/14/23 06:07*	*04/14/23 15:45*	*1*
Nitrobenzene-d5 (Surr)	*59*		*46 - 105*	*04/14/23 06:07*	*04/14/23 15:45*	*1*
Phenol-d5 (Surr)	*61*		*46 - 105*	*04/14/23 06:07*	*04/14/23 15:45*	*1*
Terphenyl-d14 (Surr)	*68*		*39 - 105*	*04/14/23 06:07*	*04/14/23 15:45*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*34 - 108*	*04/14/23 06:07*	*04/14/23 15:45*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		22	7.0	ug/Kg	☼	04/18/23 11:50	04/19/23 23:14	1
PCB-1221	ND		22	7.7	ug/Kg	☼	04/18/23 11:50	04/19/23 23:14	1
PCB-1232	ND		22	5.3	ug/Kg	☼	04/18/23 11:50	04/19/23 23:14	1
PCB-1242	ND		22	3.2	ug/Kg	☼	04/18/23 11:50	04/19/23 23:14	1
PCB-1248	ND		22	5.2	ug/Kg	☼	04/18/23 11:50	04/19/23 23:14	1
PCB-1254	ND		22	6.5	ug/Kg	☼	04/18/23 11:50	04/19/23 23:14	1
PCB-1260	ND		22	6.1	ug/Kg	☼	04/18/23 11:50	04/19/23 23:14	1
PCB-1262	ND		22	7.6	ug/Kg	☼	04/18/23 11:50	04/19/23 23:14	1
PCB-1268	ND		22	2.9	ug/Kg	☼	04/18/23 11:50	04/19/23 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*	*04/18/23 11:50*	*04/19/23 23:14*	*1*
DCB Decachlorobiphenyl (Surr)	*102*		*63 - 138*	*04/18/23 11:50*	*04/19/23 23:14*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*55 - 135*	*04/18/23 11:50*	*04/19/23 23:14*	*1*

Client Sample ID: SSHS-IRM5A2-SCV-DUP23

Lab Sample ID: 180-154919-3

Date Collected: 04/11/23 00:00
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 77.1

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*88*		*55 - 135*	*04/18/23 11:50*	*04/19/23 23:14*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9200		19	4.8	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Antimony	0.35	J	0.95	0.29	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Arsenic	5.5		0.95	0.60	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Barium	98		19	3.4	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Beryllium	0.40		0.38	0.10	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Cadmium	0.31	J	0.48	0.070	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Calcium	4800		480	62	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Chromium	11		0.48	0.43	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Cobalt	5.2		4.8	0.67	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Copper	18		2.4	1.4	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Iron	16000		9.5	9.3	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Lead	57		0.95	0.83	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Magnesium	2200		480	52	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Manganese	420		1.4	0.27	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Nickel	13		3.8	0.48	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Potassium	820	B	480	81	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Selenium	0.63	J	0.95	0.44	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Silver	ND		0.48	0.099	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Sodium	ND		480	49	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Thallium	0.88	J	1.9	0.27	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Vanadium	15		4.8	0.75	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1
Zinc	300	B	1.9	1.4	mg/Kg	☼	05/10/23 14:21	05/15/23 12:03	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.086	B	0.043	0.027	mg/Kg	☼	05/01/23 08:50	05/02/23 13:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	22.9		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	77.1		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75

Lab Sample ID: 180-154919-4

Date Collected: 04/11/23 14:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 82.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	24	4.7	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Benzene	ND	F1	6.0	1.7	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Bromoform	ND		6.0	3.0	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Bromomethane	ND		6.0	2.7	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
2-Butanone (MEK)	ND	*1	6.0	3.1	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Carbon disulfide	ND		6.0	4.8	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Carbon tetrachloride	ND		6.0	2.4	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Chlorobenzene	ND		6.0	1.6	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Date Collected: 04/11/23 14:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-4
Matrix: Solid
Percent Solids: 82.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		6.0	3.6	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Chlorodibromomethane	ND		6.0	3.0	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Chloroethane	ND		6.0	3.5	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Chloroform	ND		6.0	1.9	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Chloromethane	ND		6.0	2.4	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
cis-1,2-Dichloroethene	ND	F1	6.0	1.8	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
cis-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Cyclohexane	ND	F1	6.0	2.9	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,2-Dibromo-3-Chloropropane	ND		6.0	3.9	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,2-Dibromoethane	ND		6.0	1.6	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,2-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,3-Dichlorobenzene	ND		6.0	3.7	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,4-Dichlorobenzene	ND		6.0	1.8	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Dichlorobromomethane	ND		6.0	2.8	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Dichlorodifluoromethane	ND		6.0	3.0	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,1-Dichloroethane	ND	F1	6.0	1.9	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,2-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,1-Dichloroethene	ND		6.0	2.7	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,2-Dichloroethene, Total	ND	F1	12	4.9	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,2-Dichloropropane	ND		6.0	1.6	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,4-Dioxane	ND		1200	43	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Ethylbenzene	ND		6.0	2.2	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
2-Hexanone	ND		6.0	1.9	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Isopropylbenzene	ND		6.0	3.1	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Methyl acetate	ND		30	8.8	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Methylcyclohexane	ND	F1	6.0	2.9	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Methylene Chloride	ND	F1	6.0	5.4	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
4-Methyl-2-pentanone (MIBK)	ND		6.0	2.2	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Methyl tert-butyl ether	ND		6.0	1.8	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
m-Xylene & p-Xylene	ND		6.0	2.1	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
o-Xylene	ND		6.0	2.4	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Styrene	ND		6.0	1.8	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.8	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Tetrachloroethene	ND		6.0	2.4	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Toluene	ND	F1	6.0	1.7	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
trans-1,2-Dichloroethene	ND	F1	6.0	2.1	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
trans-1,3-Dichloropropene	ND		6.0	2.7	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,2,3-Trichlorobenzene	ND		6.0	3.3	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,2,4-Trichlorobenzene	ND		6.0	3.1	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,1,1-Trichloroethane	ND		6.0	2.0	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,1,2-Trichloroethane	ND		6.0	1.2	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Trichloroethene	ND		6.0	1.9	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Trichlorofluoromethane	ND		6.0	5.0	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	2.4	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Vinyl chloride	ND	F1	6.0	4.3	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1
Xylenes, Total	ND		12	8.7	ug/Kg	☼	04/21/23 10:00	04/21/23 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*60 - 124*	*04/21/23 10:00*	*04/21/23 11:44*	*1*
Dibromofluoromethane (Surr)	*109*		*69 - 126*	*04/21/23 10:00*	*04/21/23 11:44*	*1*

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Date Collected: 04/11/23 14:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-4
Matrix: Solid
Percent Solids: 82.7

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*73 - 135*	*04/21/23 10:00*	*04/21/23 11:44*	*1*
Toluene-d8 (Surr)	*93*		*67 - 134*	*04/21/23 10:00*	*04/21/23 11:44*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**27**	**J**	81	23	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Acenaphthylene	**55**	**J**	81	18	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Acetophenone	ND		810	140	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Anthracene	**110**		81	21	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Atrazine	ND		810	180	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Benzaldehyde	ND	F1	810	50	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Benzo[a]anthracene	**500**		81	36	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Benzo[a]pyrene	**460**		81	35	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Benzo[b]fluoranthene	**580**		81	20	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Benzo[g,h,i]perylene	**320**		81	17	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Benzo[k]fluoranthene	**270**		81	24	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Bis(2-chloroethyl)ether	ND		81	15	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Butyl benzyl phthalate	ND		400	280	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Caprolactam	ND		2000	260	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Carbazole	**95**		81	19	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2-Chloronaphthalene	ND		81	18	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Chrysene	**630**		81	44	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Dibenz(a,h)anthracene	**89**		81	51	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Dibenzofuran	ND		400	150	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
3,3'-Dichlorobenzidine	ND		400	370	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2,4-Dichlorophenol	ND		81	31	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2,4-Dimethylphenol	ND		400	130	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Dimethyl phthalate	ND		400	160	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Di-n-butyl phthalate	ND		400	180	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
4,6-Dinitro-2-methylphenol	ND		2000	690	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Di-n-octyl phthalate	ND		400	230	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
1,4-Dioxane	ND		810	120	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Fluoranthene	**1200**		81	21	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Fluorene	**35**	**J**	81	16	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Hexachlorobenzene	ND		81	29	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Hexachlorobutadiene	ND		81	23	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Hexachlorocyclopentadiene	ND		400	41	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Date Collected: 04/11/23 14:10
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-4
Matrix: Solid
Percent Solids: 82.7

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		400	140	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Indeno[1,2,3-cd]pyrene	**250**		81	40	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Isophorone	ND		400	150	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2-Methylnaphthalene	ND		81	19	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2-Methylphenol	ND		400	110	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Naphthalene	ND		81	16	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Nitrobenzene	ND		810	150	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
N-Nitrosodi-n-propylamine	ND		81	27	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2,2'-oxybis[1-chloropropane]	ND		81	30	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Phenanthrene	**720**		81	22	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Phenol	ND		400	120	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
Pyrene	**1000**		81	19	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	04/14/23 06:07	04/14/23 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*04/14/23 06:07*	*04/14/23 13:56*	*1*
2-Fluorophenol (Surr)	*69*		*48 - 105*	*04/14/23 06:07*	*04/14/23 13:56*	*1*
Nitrobenzene-d5 (Surr)	*67*		*46 - 105*	*04/14/23 06:07*	*04/14/23 13:56*	*1*
Phenol-d5 (Surr)	*70*		*46 - 105*	*04/14/23 06:07*	*04/14/23 13:56*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*04/14/23 06:07*	*04/14/23 13:56*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*34 - 108*	*04/14/23 06:07*	*04/14/23 13:56*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	04/18/23 11:50	04/19/23 21:59	1
PCB-1221	ND		20	7.1	ug/Kg	☼	04/18/23 11:50	04/19/23 21:59	1
PCB-1232	ND		20	4.9	ug/Kg	☼	04/18/23 11:50	04/19/23 21:59	1
PCB-1242	ND		20	3.0	ug/Kg	☼	04/18/23 11:50	04/19/23 21:59	1
PCB-1248	ND		20	4.8	ug/Kg	☼	04/18/23 11:50	04/19/23 21:59	1
PCB-1254	ND		20	6.0	ug/Kg	☼	04/18/23 11:50	04/19/23 21:59	1
PCB-1260	ND		20	5.7	ug/Kg	☼	04/18/23 11:50	04/19/23 21:59	1
PCB-1262	ND		20	7.1	ug/Kg	☼	04/18/23 11:50	04/19/23 21:59	1
PCB-1268	ND		20	2.7	ug/Kg	☼	04/18/23 11:50	04/19/23 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*63 - 138*	*04/18/23 11:50*	*04/19/23 21:59*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*63 - 138*	*04/18/23 11:50*	*04/19/23 21:59*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*55 - 135*	*04/18/23 11:50*	*04/19/23 21:59*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*55 - 135*	*04/18/23 11:50*	*04/19/23 21:59*	*1*

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75

Lab Sample ID: 180-154919-4
Date Collected: 04/11/23 14:10
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 82.7

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8300**		20	5.0	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Antimony	ND	F2 F1	1.0	0.31	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Arsenic	**6.4**	**F2**	1.0	0.63	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Barium	**99**		20	3.6	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Beryllium	**0.35**	**J F2**	0.40	0.11	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Cadmium	**0.22**	**J F2**	0.50	0.074	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Calcium	**2100**		500	65	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Chromium	**9.2**	**F2**	0.50	0.46	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Cobalt	**4.7**	**J F2**	5.0	0.71	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Copper	**16**		2.5	1.5	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Iron	**15000**	**B**	10	9.8	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Lead	**49**		1.0	0.88	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Magnesium	**1800**		500	55	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Manganese	**590**		1.5	0.28	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Nickel	**11**	**F2**	4.0	0.51	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Potassium	**910**	**F2**	500	86	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Selenium	**0.61**	**J F2**	1.0	0.46	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Silver	ND	F2	0.50	0.10	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Sodium	ND	F2	500	52	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Thallium	**1.0**	**J F2**	2.0	0.29	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Vanadium	**14**	**F2**	5.0	0.80	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1
Zinc	**250**	**F2 B**	2.0	1.5	mg/Kg	☼	04/26/23 07:51	04/28/23 17:36	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.078**	**B**	0.039	0.025	mg/Kg	☼	05/01/23 08:50	05/02/23 13:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**17.3**		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	**82.7**		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75

Lab Sample ID: 180-154919-5
Date Collected: 04/11/23 14:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 85.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	4.5	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Benzene	ND		5.7	1.6	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Bromoform	ND		5.7	2.9	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Bromomethane	ND		5.7	2.6	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
2-Butanone (MEK)	ND		5.7	2.9	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Carbon disulfide	ND		5.7	4.6	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Carbon tetrachloride	ND		5.7	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Chlorobenzene	ND		5.7	1.5	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Chlorobromomethane	ND		5.7	3.4	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Chlorodibromomethane	ND		5.7	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Chloroethane	ND		5.7	3.3	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Chloroform	ND		5.7	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75
Date Collected: 04/11/23 14:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-5
Matrix: Solid
Percent Solids: 85.0

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		5.7	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
cis-1,3-Dichloropropene	ND		5.7	2.5	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Cyclohexane	ND		5.7	2.7	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,2-Dibromo-3-Chloropropane	ND		5.7	3.7	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,2-Dibromoethane	ND		5.7	1.6	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,2-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,3-Dichlorobenzene	ND		5.7	3.5	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,4-Dichlorobenzene	ND		5.7	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Dichlorobromomethane	ND		5.7	2.7	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Dichlorodifluoromethane	ND		5.7	2.9	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,1-Dichloroethane	ND		5.7	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,2-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,1-Dichloroethene	ND		5.7	2.6	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,2-Dichloroethene, Total	ND		11	4.7	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,2-Dichloropropane	ND		5.7	1.5	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,4-Dioxane	ND		1100	41	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Ethylbenzene	ND		5.7	2.1	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
2-Hexanone	ND		5.7	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Isopropylbenzene	ND		5.7	3.0	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Methyl acetate	ND		29	8.4	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Methylcyclohexane	ND		5.7	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Methylene Chloride	ND		5.7	5.2	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.7	2.1	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Methyl tert-butyl ether	ND		5.7	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
m-Xylene & p-Xylene	ND		5.7	2.0	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
o-Xylene	ND		5.7	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Styrene	ND		5.7	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.7	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Tetrachloroethene	ND		5.7	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Toluene	ND		5.7	1.6	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
trans-1,2-Dichloroethene	ND		5.7	2.0	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
trans-1,3-Dichloropropene	ND		5.7	2.6	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,2,3-Trichlorobenzene	ND		5.7	3.2	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,1,1-Trichloroethane	ND		5.7	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,1,2-Trichloroethane	ND		5.7	1.1	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Trichloroethene	ND		5.7	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Trichlorofluoromethane	ND		5.7	4.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Vinyl chloride	ND		5.7	4.1	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1
Xylenes, Total	ND		11	8.3	ug/Kg	☼	04/22/23 08:25	04/22/23 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*60 - 124*	*04/22/23 08:25*	*04/22/23 13:44*	*1*
Dibromofluoromethane (Surr)	*97*		*69 - 126*	*04/22/23 08:25*	*04/22/23 13:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*73 - 135*	*04/22/23 08:25*	*04/22/23 13:44*	*1*
Toluene-d8 (Surr)	*85*		*67 - 134*	*04/22/23 08:25*	*04/22/23 13:44*	*1*

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-1

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75
Date Collected: 04/11/23 14:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-5
Matrix: Solid
Percent Solids: 85.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	22	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Acenaphthylene	**51**	**J**	78	17	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Acetophenone	ND		780	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Anthracene	**30**	**J**	78	20	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Atrazine	ND		780	170	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Benzaldehyde	ND		780	48	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Benzo[a]anthracene	**160**		78	35	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Benzo[a]pyrene	**160**		78	34	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Benzo[b]fluoranthene	**220**		78	19	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Benzo[g,h,i]perylene	**110**		78	17	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Benzo[k]fluoranthene	**80**		78	23	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Bis(2-chloroethyl)ether	ND		78	14	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Butyl benzyl phthalate	ND		380	270	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Caprolactam	ND		2000	250	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Carbazole	ND		78	18	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Chrysene	**200**		78	43	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Dibenz(a,h)anthracene	ND		78	50	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Dibenzofuran	ND		380	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Dimethyl phthalate	ND		380	150	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Di-n-butyl phthalate	ND		380	170	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Di-n-octyl phthalate	ND		380	230	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
1,4-Dioxane	ND		780	120	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Fluoranthene	**270**		78	20	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Fluorene	ND		78	15	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Hexachlorocyclopentadiene	ND		380	40	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Hexachloroethane	ND		380	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Indeno[1,2,3-cd]pyrene	**110**		78	39	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Isophorone	ND		380	150	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2-Methylnaphthalene	ND		78	19	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2-Methylphenol	ND		380	110	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75

Date Collected: 04/11/23 14:15
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-5

Matrix: Solid
Percent Solids: 85.0

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Naphthalene	ND		78	15	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Nitrobenzene	ND		780	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Phenanthrene	**110**		78	21	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Phenol	ND		380	120	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
Pyrene	**270**		78	18	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	04/14/23 06:07	04/14/23 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*53*		*44 - 105*	*04/14/23 06:07*	*04/14/23 16:07*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*04/14/23 06:07*	*04/14/23 16:07*	*1*
Nitrobenzene-d5 (Surr)	*55*		*46 - 105*	*04/14/23 06:07*	*04/14/23 16:07*	*1*
Phenol-d5 (Surr)	*57*		*46 - 105*	*04/14/23 06:07*	*04/14/23 16:07*	*1*
Terphenyl-d14 (Surr)	*59*		*39 - 105*	*04/14/23 06:07*	*04/14/23 16:07*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*34 - 108*	*04/14/23 06:07*	*04/14/23 16:07*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	04/18/23 11:50	04/19/23 23:33	1
PCB-1221	ND		20	6.9	ug/Kg	☼	04/18/23 11:50	04/19/23 23:33	1
PCB-1232	ND		20	4.8	ug/Kg	☼	04/18/23 11:50	04/19/23 23:33	1
PCB-1242	ND		20	2.9	ug/Kg	☼	04/18/23 11:50	04/19/23 23:33	1
PCB-1248	ND		20	4.7	ug/Kg	☼	04/18/23 11:50	04/19/23 23:33	1
PCB-1254	ND		20	5.9	ug/Kg	☼	04/18/23 11:50	04/19/23 23:33	1
PCB-1260	ND		20	5.6	ug/Kg	☼	04/18/23 11:50	04/19/23 23:33	1
PCB-1262	ND		20	6.9	ug/Kg	☼	04/18/23 11:50	04/19/23 23:33	1
PCB-1268	ND		20	2.6	ug/Kg	☼	04/18/23 11:50	04/19/23 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*96*		*63 - 138*	*04/18/23 11:50*	*04/19/23 23:33*	*1*
DCB Decachlorobiphenyl (Surr)	*101*		*63 - 138*	*04/18/23 11:50*	*04/19/23 23:33*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*55 - 135*	*04/18/23 11:50*	*04/19/23 23:33*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*55 - 135*	*04/18/23 11:50*	*04/19/23 23:33*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8700**		14	3.5	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Antimony	**0.33**	**J**	0.71	0.21	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1

Client Sample ID: SSHS-IRM5A2-SCV82-0.75-1.75

Lab Sample ID: 180-154919-5

Date Collected: 04/11/23 14:15
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 85.0

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		0.71	0.44	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Barium	240		14	2.5	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Beryllium	0.36		0.28	0.077	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Cadmium	0.44		0.35	0.052	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Calcium	2800		350	46	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Chromium	9.5		0.35	0.32	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Cobalt	4.4		3.5	0.50	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Copper	17		1.8	1.1	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Iron	14000		7.1	6.9	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Lead	46		0.71	0.62	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Magnesium	1600		350	39	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Manganese	360		1.1	0.20	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Nickel	11		2.8	0.36	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Potassium	820	B	350	60	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Selenium	0.64	J	0.71	0.33	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Silver	ND		0.35	0.074	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Sodium	ND		350	36	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Thallium	0.75	J	1.4	0.20	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Vanadium	14		3.5	0.56	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1
Zinc	340	B	1.4	1.0	mg/Kg	☼	05/10/23 14:21	05/15/23 12:08	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.085	B	0.038	0.024	mg/Kg	☼	05/01/23 08:50	05/02/23 13:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	15.0		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	85.0		0.1	0.1	%			04/14/23 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV86-0-0.17

Lab Sample ID: 180-154919-6

Date Collected: 04/11/23 14:20
Matrix: Solid
Date Received: 04/12/23 09:30
Percent Solids: 72.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		28	5.4	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Benzene	ND		6.9	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Bromoform	ND		6.9	3.5	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Bromomethane	ND		6.9	3.1	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
2-Butanone (MEK)	ND		6.9	3.5	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Carbon disulfide	ND		6.9	5.5	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Carbon tetrachloride	ND		6.9	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Chlorobenzene	ND		6.9	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Chlorobromomethane	ND		6.9	4.1	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Chlorodibromomethane	ND		6.9	3.4	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Chloroethane	ND		6.9	4.0	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Chloroform	ND		6.9	2.2	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Chloromethane	ND		6.9	2.7	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
cis-1,2-Dichloroethene	ND		6.9	2.1	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1

Client Sample ID: SSHS-IRM5A2-SCV86-0-0.17
Date Collected: 04/11/23 14:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-6
Matrix: Solid
Percent Solids: 72.5

Method: SW846 EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		6.9	3.0	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Cyclohexane	ND		6.9	3.3	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,2-Dibromo-3-Chloropropane	ND		6.9	4.5	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,2-Dibromoethane	ND		6.9	1.9	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,2-Dichlorobenzene	ND		6.9	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,3-Dichlorobenzene	ND		6.9	4.2	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,4-Dichlorobenzene	ND		6.9	2.1	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Dichlorobromomethane	ND		6.9	3.2	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Dichlorodifluoromethane	ND		6.9	3.4	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,1-Dichloroethane	ND		6.9	2.2	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,2-Dichloroethane	ND		6.9	2.0	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,1-Dichloroethene	ND		6.9	3.1	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,2-Dichloroethene, Total	ND		14	5.6	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,2-Dichloropropane	ND		6.9	1.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,4-Dioxane	ND		1400	49	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Ethylbenzene	ND		6.9	2.6	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
2-Hexanone	ND		6.9	2.2	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Isopropylbenzene	ND		6.9	3.6	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Methyl acetate	ND		34	10	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Methylcyclohexane	ND		6.9	3.3	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Methylene Chloride	ND		6.9	6.2	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
4-Methyl-2-pentanone (MIBK)	ND		6.9	2.5	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Methyl tert-butyl ether	ND		6.9	2.0	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
m-Xylene & p-Xylene	ND		6.9	2.5	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
o-Xylene	ND		6.9	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Styrene	ND		6.9	2.1	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,1,2,2-Tetrachloroethane	ND		6.9	2.1	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Tetrachloroethene	ND		6.9	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Toluene	ND		6.9	2.0	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
trans-1,2-Dichloroethene	ND		6.9	2.4	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
trans-1,3-Dichloropropene	ND		6.9	3.1	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,2,3-Trichlorobenzene	ND		6.9	3.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,2,4-Trichlorobenzene	ND		6.9	3.5	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,1,1-Trichloroethane	ND		6.9	2.3	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,1,2-Trichloroethane	ND		6.9	1.4	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Trichloroethene	ND		6.9	2.2	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Trichlorofluoromethane	ND		6.9	5.7	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.9	2.8	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Vinyl chloride	ND		6.9	5.0	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1
Xylenes, Total	ND		14	9.9	ug/Kg	☼	04/22/23 08:25	04/22/23 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*60 - 124*	*04/22/23 08:25*	*04/22/23 13:22*	*1*
Dibromofluoromethane (Surr)	*98*		*69 - 126*	*04/22/23 08:25*	*04/22/23 13:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*73 - 135*	*04/22/23 08:25*	*04/22/23 13:22*	*1*
Toluene-d8 (Surr)	*86*		*67 - 134*	*04/22/23 08:25*	*04/22/23 13:22*	*1*

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		92	26	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1

Client Sample ID: SSHS-IRM5A2-SCV86-0-0.17
Date Collected: 04/11/23 14:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-6
Matrix: Solid
Percent Solids: 72.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**420**		92	20	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Acetophenone	ND		920	160	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Anthracene	**220**		92	24	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Atrazine	ND		920	200	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Benzaldehyde	ND		920	57	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Benzo[a]anthracene	**700**		92	41	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Benzo[a]pyrene	**780**		92	40	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Benzo[b]fluoranthene	**1000**		92	22	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Benzo[g,h,i]perylene	**690**		92	20	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Benzo[k]fluoranthene	**350**		92	27	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
1,1'-Biphenyl	ND		450	170	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Bis(2-chloroethoxy)methane	ND		450	170	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Bis(2-chloroethyl)ether	ND		92	17	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Bis(2-ethylhexyl) phthalate	ND		4500	490	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
4-Bromophenyl phenyl ether	ND		450	190	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Butyl benzyl phthalate	ND		450	310	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Caprolactam	ND		2300	300	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Carbazole	**80**	**J**	92	21	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
4-Chloroaniline	ND		450	120	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
4-Chloro-3-methylphenol	ND		450	160	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2-Chloronaphthalene	ND		92	21	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2-Chlorophenol	ND		450	170	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
4-Chlorophenyl phenyl ether	ND		450	150	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Chrysene	**960**		92	51	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Dibenz(a,h)anthracene	**170**		92	59	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Dibenzofuran	ND		450	170	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
3,3'-Dichlorobenzidine	ND		450	430	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2,4-Dichlorophenol	ND		92	35	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Diethyl phthalate	ND		450	160	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2,4-Dimethylphenol	ND		450	150	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Dimethyl phthalate	ND		450	180	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Di-n-butyl phthalate	ND		450	200	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
4,6-Dinitro-2-methylphenol	ND		2300	790	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2,4-Dinitrophenol	ND		4500	2800	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2,4-Dinitrotoluene	ND		450	270	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2,6-Dinitrotoluene	ND		450	180	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Di-n-octyl phthalate	ND		450	270	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
1,4-Dioxane	ND		920	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Fluoranthene	**1300**		92	24	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Fluorene	**50**	**J**	92	18	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Hexachlorobenzene	ND		92	33	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Hexachlorobutadiene	ND		92	27	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Hexachlorocyclopentadiene	ND		450	47	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Hexachloroethane	ND		450	160	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Indeno[1,2,3-cd]pyrene	**510**		92	46	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Isophorone	ND		450	170	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2-Methylnaphthalene	**62**	**J**	92	22	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2-Methylphenol	ND		450	130	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Methylphenol, 3 & 4	ND		450	130	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1

Client Sample ID: SSHS-IRM5A2-SCV86-0-0.17
Date Collected: 04/11/23 14:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-6
Matrix: Solid
Percent Solids: 72.5

Method: SW846 EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**90**	**J**	92	18	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2-Nitroaniline	ND		2300	210	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
3-Nitroaniline	ND		2300	120	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
4-Nitroaniline	ND		2300	170	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Nitrobenzene	ND		920	170	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2-Nitrophenol	ND		450	170	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
4-Nitrophenol	ND		2300	320	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
N-Nitrosodi-n-propylamine	ND		92	31	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
N-Nitrosodiphenylamine	ND		450	150	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2,2'-oxybis[1-chloropropane]	ND		92	34	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Pentachlorophenol	ND		2300	730	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Phenanthrene	**430**		92	25	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Phenol	ND		450	140	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
Pyrene	**1400**		92	22	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
1,2,4,5-Tetrachlorobenzene	ND		450	180	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2,3,4,6-Tetrachlorophenol	ND		450	190	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2,4,5-Trichlorophenol	ND		450	160	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1
2,4,6-Trichlorophenol	ND		450	150	ug/Kg	☼	04/14/23 06:07	04/14/23 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*44 - 105*	*04/14/23 06:07*	*04/14/23 16:29*	*1*
2-Fluorophenol (Surr)	*58*		*48 - 105*	*04/14/23 06:07*	*04/14/23 16:29*	*1*
Nitrobenzene-d5 (Surr)	*57*		*46 - 105*	*04/14/23 06:07*	*04/14/23 16:29*	*1*
Phenol-d5 (Surr)	*58*		*46 - 105*	*04/14/23 06:07*	*04/14/23 16:29*	*1*
Terphenyl-d14 (Surr)	*63*		*39 - 105*	*04/14/23 06:07*	*04/14/23 16:29*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*34 - 108*	*04/14/23 06:07*	*04/14/23 16:29*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		23	7.5	ug/Kg	☼	04/18/23 11:50	04/19/23 23:52	1
PCB-1221	ND		23	8.1	ug/Kg	☼	04/18/23 11:50	04/19/23 23:52	1
PCB-1232	ND		23	5.6	ug/Kg	☼	04/18/23 11:50	04/19/23 23:52	1
PCB-1242	ND		23	3.4	ug/Kg	☼	04/18/23 11:50	04/19/23 23:52	1
PCB-1248	ND		23	5.5	ug/Kg	☼	04/18/23 11:50	04/19/23 23:52	1
PCB-1254	ND		23	6.9	ug/Kg	☼	04/18/23 11:50	04/19/23 23:52	1
PCB-1260	ND		23	6.5	ug/Kg	☼	04/18/23 11:50	04/19/23 23:52	1
PCB-1262	ND		23	8.1	ug/Kg	☼	04/18/23 11:50	04/19/23 23:52	1
PCB-1268	ND		23	3.1	ug/Kg	☼	04/18/23 11:50	04/19/23 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*93*		*63 - 138*	*04/18/23 11:50*	*04/19/23 23:52*	*1*
DCB Decachlorobiphenyl (Surr)	*100*		*63 - 138*	*04/18/23 11:50*	*04/19/23 23:52*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*55 - 135*	*04/18/23 11:50*	*04/19/23 23:52*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*55 - 135*	*04/18/23 11:50*	*04/19/23 23:52*	*1*

Method: SW846 EPA 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7800**		16	4.0	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Antimony	**0.92**		0.79	0.24	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Arsenic	**14**		0.79	0.50	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-1

Client Sample ID: SSHS-IRM5A2-SCV86-0-0.17
Date Collected: 04/11/23 14:20
Date Received: 04/12/23 09:30

Lab Sample ID: 180-154919-6
Matrix: Solid
Percent Solids: 72.5

Method: SW846 EPA 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	340		16	2.8	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Beryllium	0.54		0.32	0.086	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Cadmium	2.2		0.40	0.058	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Calcium	4800		400	51	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Chromium	22		0.40	0.36	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Cobalt	10		4.0	0.56	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Copper	78		2.0	1.2	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Iron	23000		7.9	7.7	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Lead	970		0.79	0.69	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Magnesium	1800		400	44	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Manganese	450		1.2	0.22	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Nickel	17		3.2	0.40	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Potassium	1200	B	400	67	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Selenium	2.1		0.79	0.37	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Silver	0.33	J	0.40	0.082	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Sodium	69	J	400	41	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Thallium	1.2	J	1.6	0.23	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Vanadium	18		4.0	0.63	mg/Kg	☼	05/10/23 14:21	05/15/23 12:13	1
Zinc	3500	B	16	11	mg/Kg	☼	05/10/23 14:21	05/17/23 14:39	10

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.62	B	0.044	0.028	mg/Kg	☼	05/01/23 08:50	05/02/23 13:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	27.5		0.1	0.1	%			04/14/23 15:50	1
Percent Solids (SM22 2540G)	72.5		0.1	0.1	%			04/14/23 15:50	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV

Job ID: 180-154919-1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 180-432979/7
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/21/23 11:21	1
Benzene	ND		5.0	1.4	ug/Kg			04/21/23 11:21	1
Bromoform	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/21/23 11:21	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/21/23 11:21	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/21/23 11:21	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/21/23 11:21	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/21/23 11:21	1
Chloroform	ND		5.0	1.6	ug/Kg			04/21/23 11:21	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/21/23 11:21	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/21/23 11:21	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/21/23 11:21	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/21/23 11:21	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/21/23 11:21	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/21/23 11:21	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/21/23 11:21	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/21/23 11:21	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/21/23 11:21	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/21/23 11:21	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/21/23 11:21	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/21/23 11:21	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/21/23 11:21	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/21/23 11:21	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/21/23 11:21	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/21/23 11:21	1
Methyl acetate	ND		25	7.4	ug/Kg			04/21/23 11:21	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/21/23 11:21	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/21/23 11:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/21/23 11:21	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/21/23 11:21	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
Styrene	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/21/23 11:21	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
Toluene	ND		5.0	1.4	ug/Kg			04/21/23 11:21	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/21/23 11:21	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/21/23 11:21	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/21/23 11:21	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/21/23 11:21	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/21/23 11:21	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-432979/7
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/21/23 11:21	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/21/23 11:21	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/21/23 11:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/21/23 11:21	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/21/23 11:21	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/21/23 11:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*60 - 124*		*04/21/23 11:21*	*1*
Dibromofluoromethane (Surr)	*118*		*69 - 126*		*04/21/23 11:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*		*73 - 135*		*04/21/23 11:21*	*1*
Toluene-d8 (Surr)	*100*		*67 - 134*		*04/21/23 11:21*	*1*

Lab Sample ID: LCS 180-432979/3
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	47.2		ug/Kg		118	23 - 170
Benzene	40.0	38.9		ug/Kg		97	77 - 120
Bromoform	40.0	40.9		ug/Kg		102	37 - 147
Bromomethane	40.0	35.3		ug/Kg		88	47 - 149
2-Butanone (MEK)	40.0	35.8		ug/Kg		90	39 - 157
Carbon disulfide	40.0	50.2		ug/Kg		126	40 - 156
Carbon tetrachloride	40.0	44.1		ug/Kg		110	73 - 130
Chlorobenzene	40.0	36.2		ug/Kg		91	79 - 122
Chlorobromomethane	40.0	43.2		ug/Kg		108	64 - 128
Chlorodibromomethane	40.0	39.5		ug/Kg		99	60 - 134
Chloroethane	40.0	41.3		ug/Kg		103	37 - 159
Chloroform	40.0	39.4		ug/Kg		99	73 - 126
Chloromethane	40.0	34.1		ug/Kg		85	46 - 151
cis-1,2-Dichloroethene	40.0	40.0		ug/Kg		100	77 - 118
cis-1,3-Dichloropropene	40.0	39.7		ug/Kg		99	73 - 127
Cyclohexane	40.0	40.8		ug/Kg		102	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	37.4		ug/Kg		93	30 - 163
1,2-Dibromoethane	40.0	36.4		ug/Kg		91	59 - 137
1,2-Dichlorobenzene	40.0	34.8		ug/Kg		87	76 - 120
1,3-Dichlorobenzene	40.0	35.3		ug/Kg		88	77 - 121
1,4-Dichlorobenzene	40.0	35.5		ug/Kg		89	79 - 120
Dichlorobromomethane	40.0	38.6		ug/Kg		96	75 - 123
Dichlorodifluoromethane	40.0	59.3		ug/Kg		148	26 - 149
1,1-Dichloroethane	40.0	39.1		ug/Kg		98	73 - 124
1,2-Dichloroethane	40.0	45.9		ug/Kg		115	64 - 140
1,1-Dichloroethene	40.0	45.5		ug/Kg		114	55 - 136
1,2-Dichloroethene, Total	80.0	82.2		ug/Kg		103	77 - 119
1,2-Dichloropropane	40.0	35.8		ug/Kg		90	77 - 119
1,4-Dioxane	800	655	J	ug/Kg		82	18 - 166
Ethylbenzene	40.0	35.6		ug/Kg		89	79 - 119

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-432979/3
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	40.0	34.4		ug/Kg		86	42 - 152
Isopropylbenzene	40.0	36.1		ug/Kg		90	70 - 125
Methyl acetate	80.0	124		ug/Kg		154	20 - 170
Methylcyclohexane	40.0	40.7		ug/Kg		102	70 - 125
Methylene Chloride	40.0	48.1		ug/Kg		120	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	35.8		ug/Kg		89	51 - 147
Methyl tert-butyl ether	40.0	40.4		ug/Kg		101	58 - 132
m-Xylene & p-Xylene	40.0	37.8		ug/Kg		95	77 - 120
o-Xylene	40.0	35.7		ug/Kg		89	78 - 118
Styrene	40.0	35.6		ug/Kg		89	80 - 120
1,1,2,2-Tetrachloroethane	40.0	38.7		ug/Kg		97	36 - 170
Tetrachloroethene	40.0	40.4		ug/Kg		101	71 - 121
Toluene	40.0	36.1		ug/Kg		90	76 - 120
trans-1,2-Dichloroethene	40.0	42.2		ug/Kg		106	75 - 122
trans-1,3-Dichloropropene	40.0	37.1		ug/Kg		93	68 - 133
1,2,3-Trichlorobenzene	40.0	38.0		ug/Kg		95	29 - 166
1,2,4-Trichlorobenzene	40.0	37.3		ug/Kg		93	22 - 170
1,1,1-Trichloroethane	40.0	42.6		ug/Kg		107	72 - 134
1,1,2-Trichloroethane	40.0	36.0		ug/Kg		90	66 - 128
Trichloroethene	40.0	40.4		ug/Kg		101	69 - 118
Trichlorofluoromethane	40.0	38.6		ug/Kg		96	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	48.4		ug/Kg		121	59 - 135
Vinyl chloride	40.0	33.9		ug/Kg		85	64 - 134
Xylenes, Total	80.0	73.5		ug/Kg		92	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*60 - 124*
Dibromofluoromethane (Surr)	*107*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 135*
Toluene-d8 (Surr)	*102*		*67 - 134*

Lab Sample ID: LCSD 180-432979/4
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	40.0	25.2	*1	ug/Kg		63	23 - 170	61	35
Benzene	40.0	38.0		ug/Kg		95	77 - 120	2	20
Bromoform	40.0	41.6		ug/Kg		104	37 - 147	2	23
Bromomethane	40.0	31.7		ug/Kg		79	47 - 149	11	25
2-Butanone (MEK)	40.0	24.4	*1	ug/Kg		61	39 - 157	38	33
Carbon disulfide	40.0	48.1		ug/Kg		120	40 - 156	4	25
Carbon tetrachloride	40.0	44.0		ug/Kg		110	73 - 130	0	21
Chlorobenzene	40.0	36.0		ug/Kg		90	79 - 122	1	20
Chlorobromomethane	40.0	40.8		ug/Kg		102	64 - 128	6	20
Chlorodibromomethane	40.0	39.9		ug/Kg		100	60 - 134	1	40
Chloroethane	40.0	40.9		ug/Kg		102	37 - 159	1	25
Chloroform	40.0	39.0		ug/Kg		97	73 - 126	1	20

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 180-432979/4
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			40.0	33.5		ug/Kg		84	46 - 151	2	33
cis-1,2-Dichloroethene			40.0	38.4		ug/Kg		96	77 - 118	4	20
cis-1,3-Dichloropropene			40.0	40.2		ug/Kg		101	73 - 127	1	20
Cyclohexane			40.0	41.3		ug/Kg		103	63 - 143	1	25
1,2-Dibromo-3-Chloropropane			40.0	43.0		ug/Kg		107	30 - 163	14	34
1,2-Dibromoethane			40.0	39.0		ug/Kg		97	59 - 137	7	20
1,2-Dichlorobenzene			40.0	35.1		ug/Kg		88	76 - 120	1	20
1,3-Dichlorobenzene			40.0	34.9		ug/Kg		87	77 - 121	1	20
1,4-Dichlorobenzene			40.0	34.9		ug/Kg		87	79 - 120	2	20
Dichlorobromomethane			40.0	38.9		ug/Kg		97	75 - 123	1	20
Dichlorodifluoromethane			40.0	58.8		ug/Kg		147	26 - 149	1	24
1,1-Dichloroethane			40.0	37.4		ug/Kg		93	73 - 124	4	20
1,2-Dichloroethane			40.0	45.7		ug/Kg		114	64 - 140	0	20
1,1-Dichloroethene			40.0	45.5		ug/Kg		114	55 - 136	0	21
1,2-Dichloroethene, Total			80.0	78.5		ug/Kg		98	77 - 119	5	20
1,2-Dichloropropane			40.0	35.0		ug/Kg		88	77 - 119	2	20
1,4-Dioxane			800	718	J	ug/Kg		90	18 - 166	9	40
Ethylbenzene			40.0	35.5		ug/Kg		89	79 - 119	0	20
2-Hexanone			40.0	28.5		ug/Kg		71	42 - 152	19	30
Isopropylbenzene			40.0	35.6		ug/Kg		89	70 - 125	1	21
Methyl acetate			80.0	129		ug/Kg		162	20 - 170	5	33
Methylcyclohexane			40.0	40.4		ug/Kg		101	70 - 125	1	22
Methylene Chloride			40.0	46.8		ug/Kg		117	67 - 131	3	32
4-Methyl-2-pentanone (MIBK)			40.0	38.1		ug/Kg		95	51 - 147	6	27
Methyl tert-butyl ether			40.0	40.2		ug/Kg		101	58 - 132	0	24
m-Xylene & p-Xylene			40.0	37.0		ug/Kg		92	77 - 120	2	20
o-Xylene			40.0	35.5		ug/Kg		89	78 - 118	1	20
Styrene			40.0	35.8		ug/Kg		90	80 - 120	1	20
1,1,2,2-Tetrachloroethane			40.0	42.3		ug/Kg		106	36 - 170	9	23
Tetrachloroethene			40.0	39.2		ug/Kg		98	71 - 121	3	21
Toluene			40.0	35.5		ug/Kg		89	76 - 120	2	20
trans-1,2-Dichloroethene			40.0	40.1		ug/Kg		100	75 - 122	5	20
trans-1,3-Dichloropropene			40.0	38.8		ug/Kg		97	68 - 133	5	20
1,2,3-Trichlorobenzene			40.0	38.7		ug/Kg		97	29 - 166	2	40
1,2,4-Trichlorobenzene			40.0	36.8		ug/Kg		92	22 - 170	1	29
1,1,1-Trichloroethane			40.0	42.5		ug/Kg		106	72 - 134	0	20
1,1,2-Trichloroethane			40.0	37.5		ug/Kg		94	66 - 128	4	21
Trichloroethene			40.0	40.4		ug/Kg		101	69 - 118	0	20
Trichlorofluoromethane			40.0	38.3		ug/Kg		96	32 - 149	1	39
1,1,2-Trichloro-1,2,2-trifluoroethane			40.0	47.4		ug/Kg		119	59 - 135	2	28
Vinyl chloride			40.0	33.3		ug/Kg		83	64 - 134	2	23
Xylenes, Total			80.0	72.5		ug/Kg		91	78 - 118	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*
Dibromofluoromethane (Surr)	*103*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*107*		*73 - 135*

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 180-432979/4
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*67 - 134*

Lab Sample ID: 180-154919-4 MS
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 433069

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	*1	48.1	31.2		ug/Kg	☼	65	23 - 170
Benzene	ND	F1	48.1	31.4	F1	ug/Kg	☼	65	77 - 120
Bromoform	ND		48.1	60.3		ug/Kg	☼	126	37 - 147
Bromomethane	ND		48.1	31.7		ug/Kg	☼	66	47 - 149
2-Butanone (MEK)	ND	*1	48.1	36.0		ug/Kg	☼	75	39 - 157
Carbon disulfide	ND		48.1	25.8		ug/Kg	☼	54	40 - 156
Carbon tetrachloride	ND		48.1	35.1		ug/Kg	☼	73	73 - 130
Chlorobenzene	ND		48.1	46.2		ug/Kg	☼	96	79 - 122
Chlorobromomethane	ND		48.1	37.5		ug/Kg	☼	78	64 - 128
Chlorodibromomethane	ND		48.1	54.9		ug/Kg	☼	114	60 - 134
Chloroethane	ND		48.1	36.5		ug/Kg	☼	76	37 - 159
Chloroform	ND		48.1	38.7		ug/Kg	☼	80	73 - 126
Chloromethane	ND		48.1	32.3		ug/Kg	☼	67	46 - 151
cis-1,2-Dichloroethene	ND	F1	48.1	32.6	F1	ug/Kg	☼	68	77 - 118
cis-1,3-Dichloropropene	ND		48.1	49.7		ug/Kg	☼	103	73 - 127
Cyclohexane	ND	F1	48.1	27.7	F1	ug/Kg	☼	58	63 - 143
1,2-Dibromo-3-Chloropropane	ND		48.1	58.8		ug/Kg	☼	122	30 - 163
1,2-Dibromoethane	ND		48.1	54.1		ug/Kg	☼	113	59 - 137
1,2-Dichlorobenzene	ND		48.1	44.0		ug/Kg	☼	92	76 - 120
1,3-Dichlorobenzene	ND		48.1	44.1		ug/Kg	☼	92	77 - 121
1,4-Dichlorobenzene	ND		48.1	44.6		ug/Kg	☼	93	79 - 120
Dichlorobromomethane	ND		48.1	47.4		ug/Kg	☼	99	75 - 123
Dichlorodifluoromethane	ND		48.1	49.0		ug/Kg	☼	102	26 - 149
1,1-Dichloroethane	ND	F1	48.1	28.8	F1	ug/Kg	☼	60	73 - 124
1,2-Dichloroethane	ND		48.1	47.2		ug/Kg	☼	98	64 - 140
1,1-Dichloroethene	ND		48.1	26.5		ug/Kg	☼	55	55 - 136
1,2-Dichloroethene, Total	ND	F1	96.1	60.6	F1	ug/Kg	☼	63	77 - 119
1,2-Dichloropropane	ND		48.1	39.5		ug/Kg	☼	82	77 - 119
1,4-Dioxane	ND		961	1090	J	ug/Kg	☼	114	18 - 166
Ethylbenzene	ND		48.1	43.6		ug/Kg	☼	91	79 - 119
2-Hexanone	ND		48.1	42.9		ug/Kg	☼	89	42 - 152
Isopropylbenzene	ND		48.1	45.7		ug/Kg	☼	95	70 - 125
Methyl acetate	ND		96.1	125		ug/Kg	☼	130	20 - 170
Methylcyclohexane	ND	F1	48.1	31.4	F1	ug/Kg	☼	65	70 - 125
Methylene Chloride	ND	F1	48.1	30.3	F1	ug/Kg	☼	63	67 - 131
4-Methyl-2-pentanone (MIBK)	ND		48.1	58.1		ug/Kg	☼	121	51 - 147
Methyl tert-butyl ether	ND		48.1	34.4		ug/Kg	☼	71	58 - 132
m-Xylene & p-Xylene	ND		48.1	46.0		ug/Kg	☼	96	77 - 120
o-Xylene	ND		48.1	45.7		ug/Kg	☼	95	78 - 118
Styrene	ND		48.1	46.6		ug/Kg	☼	97	80 - 120
1,1,2,2-Tetrachloroethane	ND		48.1	60.7		ug/Kg	☼	126	36 - 170

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154919-4 MS
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 433069

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	ND		48.1	42.6		ug/Kg	☼	89	71 - 121
Toluene	ND	F1	48.1	37.4		ug/Kg	☼	78	76 - 120
trans-1,2-Dichloroethene	ND	F1	48.1	28.0	F1	ug/Kg	☼	58	75 - 122
trans-1,3-Dichloropropene	ND		48.1	51.6		ug/Kg	☼	107	68 - 133
1,2,3-Trichlorobenzene	ND		48.1	49.0		ug/Kg	☼	102	29 - 166
1,2,4-Trichlorobenzene	ND		48.1	46.9		ug/Kg	☼	98	22 - 170
1,1,1-Trichloroethane	ND		48.1	34.5		ug/Kg	☼	72	72 - 134
1,1,2-Trichloroethane	ND		48.1	53.4		ug/Kg	☼	111	66 - 128
Trichloroethene	ND		48.1	36.5		ug/Kg	☼	76	69 - 118
Trichlorofluoromethane	ND		48.1	36.5		ug/Kg	☼	76	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		48.1	29.9		ug/Kg	☼	62	59 - 135
Vinyl chloride	ND	F1	48.1	29.6	F1	ug/Kg	☼	62	64 - 134
Xylenes, Total	ND		96.1	91.7		ug/Kg	☼	95	78 - 118

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*60 - 124*
Dibromofluoromethane (Surr)	*104*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*113*		*73 - 135*
Toluene-d8 (Surr)	*95*		*67 - 134*

Lab Sample ID: 180-154919-4 MSD
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 433069

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	*1	47.2	22.9	J	ug/Kg	☼	49	23 - 170	31	35
Benzene	ND	F1	47.2	29.9	F1	ug/Kg	☼	63	77 - 120	5	20
Bromoform	ND		47.2	57.5		ug/Kg	☼	122	37 - 147	5	23
Bromomethane	ND		47.2	29.1		ug/Kg	☼	62	47 - 149	9	25
2-Butanone (MEK)	ND	*1	47.2	30.7		ug/Kg	☼	65	39 - 157	16	33
Carbon disulfide	ND		47.2	26.3		ug/Kg	☼	56	40 - 156	2	25
Carbon tetrachloride	ND		47.2	35.4		ug/Kg	☼	75	73 - 130	1	21
Chlorobenzene	ND		47.2	45.6		ug/Kg	☼	97	79 - 122	1	20
Chlorobromomethane	ND		47.2	38.8		ug/Kg	☼	82	64 - 128	3	20
Chlorodibromomethane	ND		47.2	54.8		ug/Kg	☼	116	60 - 134	0	40
Chloroethane	ND		47.2	39.4		ug/Kg	☼	84	37 - 159	8	25
Chloroform	ND		47.2	39.2		ug/Kg	☼	83	73 - 126	1	20
Chloromethane	ND		47.2	35.6		ug/Kg	☼	75	46 - 151	10	33
cis-1,2-Dichloroethene	ND	F1	47.2	32.3	F1	ug/Kg	☼	69	77 - 118	1	20
cis-1,3-Dichloropropene	ND		47.2	48.7		ug/Kg	☼	103	73 - 127	2	20
Cyclohexane	ND	F1	47.2	26.8	F1	ug/Kg	☼	57	63 - 143	3	25
1,2-Dibromo-3-Chloropropane	ND		47.2	54.1		ug/Kg	☼	115	30 - 163	8	34
1,2-Dibromoethane	ND		47.2	52.2		ug/Kg	☼	111	59 - 137	4	20
1,2-Dichlorobenzene	ND		47.2	42.9		ug/Kg	☼	91	76 - 120	2	20
1,3-Dichlorobenzene	ND		47.2	43.3		ug/Kg	☼	92	77 - 121	2	20
1,4-Dichlorobenzene	ND		47.2	43.4		ug/Kg	☼	92	79 - 120	3	20
Dichlorobromomethane	ND		47.2	48.5		ug/Kg	☼	103	75 - 123	2	20
Dichlorodifluoromethane	ND		47.2	53.2		ug/Kg	☼	113	26 - 149	8	24

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-154919-4 MSD
Matrix: Solid
Analysis Batch: 432979

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 433069

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethane	ND	F1	47.2	29.6	F1	ug/Kg	☼	63	73 - 124	3	20
1,2-Dichloroethane	ND		47.2	47.3		ug/Kg	☼	100	64 - 140	0	20
1,1-Dichloroethene	ND		47.2	27.3		ug/Kg	☼	58	55 - 136	3	21
1,2-Dichloroethene, Total	ND	F1	94.3	60.7	F1	ug/Kg	☼	64	77 - 119	0	20
1,2-Dichloropropane	ND		47.2	37.6		ug/Kg	☼	80	77 - 119	5	20
1,4-Dioxane	ND		943	968	J	ug/Kg	☼	103	18 - 166	12	40
Ethylbenzene	ND		47.2	42.8		ug/Kg	☼	91	79 - 119	2	20
2-Hexanone	ND		47.2	38.2		ug/Kg	☼	81	42 - 152	12	30
Isopropylbenzene	ND		47.2	45.1		ug/Kg	☼	96	70 - 125	1	21
Methyl acetate	ND		94.3	121		ug/Kg	☼	129	20 - 170	3	33
Methylcyclohexane	ND	F1	47.2	29.7	F1	ug/Kg	☼	63	70 - 125	6	22
Methylene Chloride	ND	F1	47.2	31.6		ug/Kg	☼	67	67 - 131	4	32
4-Methyl-2-pentanone (MIBK)	ND		47.2	52.3		ug/Kg	☼	111	51 - 147	10	27
Methyl tert-butyl ether	ND		47.2	35.1		ug/Kg	☼	74	58 - 132	2	24
m-Xylene & p-Xylene	ND		47.2	45.8		ug/Kg	☼	97	77 - 120	0	20
o-Xylene	ND		47.2	45.6		ug/Kg	☼	97	78 - 118	0	20
Styrene	ND		47.2	47.2		ug/Kg	☼	100	80 - 120	1	20
1,1,2,2-Tetrachloroethane	ND		47.2	58.6		ug/Kg	☼	124	36 - 170	3	23
Tetrachloroethene	ND		47.2	38.9		ug/Kg	☼	83	71 - 121	9	21
Toluene	ND	F1	47.2	35.4	F1	ug/Kg	☼	75	76 - 120	6	20
trans-1,2-Dichloroethene	ND	F1	47.2	28.3	F1	ug/Kg	☼	60	75 - 122	1	20
trans-1,3-Dichloropropene	ND		47.2	49.3		ug/Kg	☼	104	68 - 133	5	20
1,2,3-Trichlorobenzene	ND		47.2	47.8		ug/Kg	☼	101	29 - 166	3	40
1,2,4-Trichlorobenzene	ND		47.2	46.3		ug/Kg	☼	98	22 - 170	1	29
1,1,1-Trichloroethane	ND		47.2	34.8		ug/Kg	☼	74	72 - 134	1	20
1,1,2-Trichloroethane	ND		47.2	49.0		ug/Kg	☼	104	66 - 128	9	21
Trichloroethene	ND		47.2	37.3		ug/Kg	☼	79	69 - 118	2	20
Trichlorofluoromethane	ND		47.2	38.9		ug/Kg	☼	83	32 - 149	6	39
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		47.2	29.1		ug/Kg	☼	62	59 - 135	3	28
Vinyl chloride	ND	F1	47.2	33.2		ug/Kg	☼	70	64 - 134	11	23
Xylenes, Total	ND		94.3	91.4		ug/Kg	☼	97	78 - 118	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*60 - 124*
Dibromofluoromethane (Surr)	*109*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*118*		*73 - 135*
Toluene-d8 (Surr)	*92*		*67 - 134*

Lab Sample ID: MB 180-433087/8
Matrix: Solid
Analysis Batch: 433087

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.9	ug/Kg			04/22/23 12:36	1
Benzene	ND		5.0	1.4	ug/Kg			04/22/23 12:36	1
Bromoform	ND		5.0	2.5	ug/Kg			04/22/23 12:36	1
Bromomethane	ND		5.0	2.3	ug/Kg			04/22/23 12:36	1
2-Butanone (MEK)	ND		5.0	2.5	ug/Kg			04/22/23 12:36	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 180-433087/8
Matrix: Solid
Analysis Batch: 433087

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	4.0	ug/Kg			04/22/23 12:36	1
Carbon tetrachloride	ND		5.0	2.0	ug/Kg			04/22/23 12:36	1
Chlorobenzene	ND		5.0	1.3	ug/Kg			04/22/23 12:36	1
Chlorobromomethane	ND		5.0	3.0	ug/Kg			04/22/23 12:36	1
Chlorodibromomethane	ND		5.0	2.5	ug/Kg			04/22/23 12:36	1
Chloroethane	ND		5.0	2.9	ug/Kg			04/22/23 12:36	1
Chloroform	ND		5.0	1.6	ug/Kg			04/22/23 12:36	1
Chloromethane	ND		5.0	2.0	ug/Kg			04/22/23 12:36	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			04/22/23 12:36	1
cis-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg			04/22/23 12:36	1
Cyclohexane	ND		5.0	2.4	ug/Kg			04/22/23 12:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	3.2	ug/Kg			04/22/23 12:36	1
1,2-Dibromoethane	ND		5.0	1.4	ug/Kg			04/22/23 12:36	1
1,2-Dichlorobenzene	ND		5.0	1.7	ug/Kg			04/22/23 12:36	1
1,3-Dichlorobenzene	ND		5.0	3.1	ug/Kg			04/22/23 12:36	1
1,4-Dichlorobenzene	ND		5.0	1.5	ug/Kg			04/22/23 12:36	1
Dichlorobromomethane	ND		5.0	2.3	ug/Kg			04/22/23 12:36	1
Dichlorodifluoromethane	ND		5.0	2.5	ug/Kg			04/22/23 12:36	1
1,1-Dichloroethane	ND		5.0	1.6	ug/Kg			04/22/23 12:36	1
1,2-Dichloroethane	ND		5.0	1.4	ug/Kg			04/22/23 12:36	1
1,1-Dichloroethene	ND		5.0	2.3	ug/Kg			04/22/23 12:36	1
1,2-Dichloroethene, Total	ND		10	4.1	ug/Kg			04/22/23 12:36	1
1,2-Dichloropropane	ND		5.0	1.3	ug/Kg			04/22/23 12:36	1
1,4-Dioxane	ND		1000	35	ug/Kg			04/22/23 12:36	1
Ethylbenzene	ND		5.0	1.9	ug/Kg			04/22/23 12:36	1
2-Hexanone	ND		5.0	1.6	ug/Kg			04/22/23 12:36	1
Isopropylbenzene	ND		5.0	2.6	ug/Kg			04/22/23 12:36	1
Methyl acetate	ND		25	7.4	ug/Kg			04/22/23 12:36	1
Methylcyclohexane	ND		5.0	2.4	ug/Kg			04/22/23 12:36	1
Methylene Chloride	ND		5.0	4.5	ug/Kg			04/22/23 12:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	1.8	ug/Kg			04/22/23 12:36	1
Methyl tert-butyl ether	ND		5.0	1.5	ug/Kg			04/22/23 12:36	1
m-Xylene & p-Xylene	ND		5.0	1.8	ug/Kg			04/22/23 12:36	1
o-Xylene	ND		5.0	2.0	ug/Kg			04/22/23 12:36	1
Styrene	ND		5.0	1.5	ug/Kg			04/22/23 12:36	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.5	ug/Kg			04/22/23 12:36	1
Tetrachloroethene	ND		5.0	2.0	ug/Kg			04/22/23 12:36	1
Toluene	ND		5.0	1.4	ug/Kg			04/22/23 12:36	1
trans-1,2-Dichloroethene	ND		5.0	1.8	ug/Kg			04/22/23 12:36	1
trans-1,3-Dichloropropene	ND		5.0	2.3	ug/Kg			04/22/23 12:36	1
1,2,3-Trichlorobenzene	ND		5.0	2.8	ug/Kg			04/22/23 12:36	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			04/22/23 12:36	1
1,1,1-Trichloroethane	ND		5.0	1.7	ug/Kg			04/22/23 12:36	1
1,1,2-Trichloroethane	ND		5.0	0.99	ug/Kg			04/22/23 12:36	1
Trichloroethene	ND		5.0	1.6	ug/Kg			04/22/23 12:36	1
Trichlorofluoromethane	ND		5.0	4.2	ug/Kg			04/22/23 12:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.0	ug/Kg			04/22/23 12:36	1
Vinyl chloride	ND		5.0	3.6	ug/Kg			04/22/23 12:36	1
Xylenes, Total	ND		10	7.2	ug/Kg			04/22/23 12:36	1

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*99*		*60 - 124*		*04/22/23 12:36*	*1*
Dibromofluoromethane (Surr)	*111*		*69 - 126*		*04/22/23 12:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*73 - 135*		*04/22/23 12:36*	*1*
Toluene-d8 (Surr)	*95*		*67 - 134*		*04/22/23 12:36*	*1*

Lab Sample ID: LCS 180-433087/6
Matrix: Solid
Analysis Batch: 433087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	42.7		ug/Kg		107	23 - 170
Benzene	40.0	35.6		ug/Kg		89	77 - 120
Bromoform	40.0	34.7		ug/Kg		87	37 - 147
Bromomethane	40.0	40.4		ug/Kg		101	47 - 149
2-Butanone (MEK)	40.0	34.8		ug/Kg		87	39 - 157
Carbon disulfide	40.0	46.7		ug/Kg		117	40 - 156
Carbon tetrachloride	40.0	39.6		ug/Kg		99	73 - 130
Chlorobenzene	40.0	32.9		ug/Kg		82	79 - 122
Chlorobromomethane	40.0	39.7		ug/Kg		99	64 - 128
Chlorodibromomethane	40.0	34.4		ug/Kg		86	60 - 134
Chloroethane	40.0	45.6		ug/Kg		114	37 - 159
Chloroform	40.0	36.8		ug/Kg		92	73 - 126
Chloromethane	40.0	39.0		ug/Kg		97	46 - 151
cis-1,2-Dichloroethene	40.0	36.8		ug/Kg		92	77 - 118
cis-1,3-Dichloropropene	40.0	37.5		ug/Kg		94	73 - 127
Cyclohexane	40.0	38.3		ug/Kg		96	63 - 143
1,2-Dibromo-3-Chloropropane	40.0	33.9		ug/Kg		85	30 - 163
1,2-Dibromoethane	40.0	35.2		ug/Kg		88	59 - 137
1,2-Dichlorobenzene	40.0	32.4		ug/Kg		81	76 - 120
1,3-Dichlorobenzene	40.0	33.4		ug/Kg		83	77 - 121
1,4-Dichlorobenzene	40.0	32.9		ug/Kg		82	79 - 120
Dichlorobromomethane	40.0	35.1		ug/Kg		88	75 - 123
Dichlorodifluoromethane	40.0	59.6		ug/Kg		149	26 - 149
1,1-Dichloroethane	40.0	37.2		ug/Kg		93	73 - 124
1,2-Dichloroethane	40.0	41.6		ug/Kg		104	64 - 140
1,1-Dichloroethene	40.0	44.0		ug/Kg		110	55 - 136
1,2-Dichloroethene, Total	80.0	75.2		ug/Kg		94	77 - 119
1,2-Dichloropropane	40.0	32.7		ug/Kg		82	77 - 119
1,4-Dioxane	800	597	J	ug/Kg		75	18 - 166
Ethylbenzene	40.0	32.5		ug/Kg		81	79 - 119
2-Hexanone	40.0	31.9		ug/Kg		80	42 - 152
Isopropylbenzene	40.0	32.9		ug/Kg		82	70 - 125
Methyl acetate	80.0	125		ug/Kg		156	20 - 170
Methylcyclohexane	40.0	36.9		ug/Kg		92	70 - 125
Methylene Chloride	40.0	41.0		ug/Kg		103	67 - 131
4-Methyl-2-pentanone (MIBK)	40.0	34.9		ug/Kg		87	51 - 147
Methyl tert-butyl ether	40.0	38.5		ug/Kg		96	58 - 132
m-Xylene & p-Xylene	40.0	34.3		ug/Kg		86	77 - 120
o-Xylene	40.0	32.5		ug/Kg		81	78 - 118
Styrene	40.0	32.7		ug/Kg		82	80 - 120
1,1,2,2-Tetrachloroethane	40.0	34.0		ug/Kg		85	36 - 170

Method: EPA 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 180-433087/6
Matrix: Solid
Analysis Batch: 433087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tetrachloroethene	40.0	35.3		ug/Kg		88	71 - 121
Toluene	40.0	32.5		ug/Kg		81	76 - 120
trans-1,2-Dichloroethene	40.0	38.3		ug/Kg		96	75 - 122
trans-1,3-Dichloropropene	40.0	34.6		ug/Kg		86	68 - 133
1,2,3-Trichlorobenzene	40.0	35.7		ug/Kg		89	29 - 166
1,2,4-Trichlorobenzene	40.0	35.5		ug/Kg		89	22 - 170
1,1,1-Trichloroethane	40.0	39.1		ug/Kg		98	72 - 134
1,1,2-Trichloroethane	40.0	32.6		ug/Kg		82	66 - 128
Trichloroethene	40.0	37.5		ug/Kg		94	69 - 118
Trichlorofluoromethane	40.0	40.9		ug/Kg		102	32 - 149
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	44.6		ug/Kg		112	59 - 135
Vinyl chloride	40.0	37.9		ug/Kg		95	64 - 134
Xylenes, Total	80.0	66.8		ug/Kg		84	78 - 118

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*60 - 124*
Dibromofluoromethane (Surr)	*101*		*69 - 126*
1,2-Dichloroethane-d4 (Surr)	*99*		*73 - 135*
Toluene-d8 (Surr)	*92*		*67 - 134*

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-432293/1-A
Matrix: Solid
Analysis Batch: 432298

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Acenaphthylene	ND		67	15	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Acetophenone	ND		670	120	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Anthracene	ND		67	17	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Atrazine	ND		670	150	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Benzaldehyde	ND		670	41	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Benzo[a]anthracene	ND		67	30	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Benzo[a]pyrene	ND		67	29	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
1,1'-Biphenyl	ND		330	120	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Bis(2-chloroethyl)ether	ND		67	12	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Butyl benzyl phthalate	ND		330	230	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Caprolactam	ND		1700	220	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Carbazole	ND		67	16	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
4-Chloroaniline	ND		330	88	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		04/14/23 06:07	04/14/23 13:13	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432293/1-A
Matrix: Solid
Analysis Batch: 432298

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		67	15	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2-Chlorophenol	ND		330	120	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Chrysene	ND		67	37	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Dibenzofuran	ND		330	120	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2,4-Dichlorophenol	ND		67	26	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Diethyl phthalate	ND		330	120	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Dimethyl phthalate	ND		330	130	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Di-n-butyl phthalate	ND		330	150	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
1,4-Dioxane	ND		670	100	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Fluoranthene	ND		67	18	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Fluorene	ND		67	13	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Hexachlorobenzene	ND		67	24	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Hexachlorobutadiene	ND		67	20	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Hexachlorocyclopentadiene	ND		330	34	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Hexachloroethane	ND		330	120	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Isophorone	ND		330	130	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2-Methylnaphthalene	ND		67	16	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2-Methylphenol	ND		330	96	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Naphthalene	ND		67	13	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2-Nitroaniline	ND		1700	150	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
3-Nitroaniline	ND		1700	85	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
4-Nitroaniline	ND		1700	120	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Nitrobenzene	ND		670	120	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2-Nitrophenol	ND		330	120	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
4-Nitrophenol	ND		1700	230	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Pentachlorophenol	ND		1700	540	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Phenanthrene	ND		67	18	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Phenol	ND		330	100	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
Pyrene	ND		67	16	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		04/14/23 06:07	04/14/23 13:13	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		04/14/23 06:07	04/14/23 13:13	1

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-432293/1-A
Matrix: Solid
Analysis Batch: 432298

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432293

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	92		44 - 105	04/14/23 06:07	04/14/23 13:13	1
2-Fluorophenol (Surr)	92		48 - 105	04/14/23 06:07	04/14/23 13:13	1
Nitrobenzene-d5 (Surr)	90		46 - 105	04/14/23 06:07	04/14/23 13:13	1
Phenol-d5 (Surr)	90		46 - 105	04/14/23 06:07	04/14/23 13:13	1
Terphenyl-d14 (Surr)	104		39 - 105	04/14/23 06:07	04/14/23 13:13	1
2,4,6-Tribromophenol (Surr)	91		34 - 108	04/14/23 06:07	04/14/23 13:13	1

Lab Sample ID: LCS 180-432293/2-A
Matrix: Solid
Analysis Batch: 432298

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	5430		ug/Kg		81	50 - 100
Acenaphthylene	6670	5550		ug/Kg		83	52 - 100
Acetophenone	6670	5250		ug/Kg		79	48 - 100
Anthracene	6670	5630		ug/Kg		84	53 - 100
Atrazine	6670	5180		ug/Kg		78	49 - 103
Benzaldehyde	6670	3690		ug/Kg		55	23 - 105
Benzo[a]anthracene	6670	5220		ug/Kg		78	51 - 100
Benzo[a]pyrene	6670	5500		ug/Kg		83	51 - 100
Benzo[b]fluoranthene	6670	5290		ug/Kg		79	48 - 100
Benzo[g,h,i]perylene	6670	5790		ug/Kg		87	48 - 105
Benzo[k]fluoranthene	6670	5700		ug/Kg		86	19 - 100
1,1'-Biphenyl	6670	5430		ug/Kg		82	50 - 100
Bis(2-chloroethoxy)methane	6670	5420		ug/Kg		81	49 - 100
Bis(2-chloroethyl)ether	6670	5380		ug/Kg		81	48 - 100
Bis(2-ethylhexyl) phthalate	6670	5740		ug/Kg		86	53 - 107
4-Bromophenyl phenyl ether	6670	5410		ug/Kg		81	52 - 101
Butyl benzyl phthalate	6670	5680		ug/Kg		85	52 - 107
Caprolactam	6670	5450		ug/Kg		82	48 - 111
Carbazole	6670	5540		ug/Kg		83	53 - 100
4-Chloroaniline	6670	5320		ug/Kg		80	47 - 100
4-Chloro-3-methylphenol	6670	5680		ug/Kg		85	49 - 106
2-Chloronaphthalene	6670	5280		ug/Kg		79	51 - 100
2-Chlorophenol	6670	5480		ug/Kg		82	51 - 100
4-Chlorophenyl phenyl ether	6670	5580		ug/Kg		84	52 - 100
Chrysene	6670	5070		ug/Kg		76	50 - 100
Dibenz(a,h)anthracene	6670	6100		ug/Kg		91	50 - 107
Dibenzofuran	6670	5480		ug/Kg		82	52 - 100
3,3'-Dichlorobenzidine	6670	4780		ug/Kg		72	43 - 100
2,4-Dichlorophenol	6670	5730		ug/Kg		86	53 - 101
Diethyl phthalate	6670	5600		ug/Kg		84	48 - 104
2,4-Dimethylphenol	6670	5410		ug/Kg		81	51 - 101
Dimethyl phthalate	6670	5570		ug/Kg		84	53 - 100
Di-n-butyl phthalate	6670	5810		ug/Kg		87	57 - 102
4,6-Dinitro-2-methylphenol	13300	9970		ug/Kg		75	51 - 100
2,4-Dinitrophenol	13300	10100		ug/Kg		76	33 - 101
2,4-Dinitrotoluene	6670	5870		ug/Kg		88	54 - 104

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-432293/2-A
Matrix: Solid
Analysis Batch: 432298

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,6-Dinitrotoluene	6670	5750		ug/Kg		86	51 - 106
Di-n-octyl phthalate	6670	5850		ug/Kg		88	41 - 106
1,4-Dioxane	6670	5450		ug/Kg		82	25 - 125
Fluoranthene	6670	5650		ug/Kg		85	55 - 100
Fluorene	6670	5640		ug/Kg		85	52 - 100
Hexachlorobenzene	6670	5440		ug/Kg		82	49 - 100
Hexachlorobutadiene	6670	5430		ug/Kg		81	38 - 107
Hexachlorocyclopentadiene	6670	5270		ug/Kg		79	33 - 117
Hexachloroethane	6670	5410		ug/Kg		81	47 - 100
Indeno[1,2,3-cd]pyrene	6670	6100		ug/Kg		91	51 - 103
Isophorone	6670	5520		ug/Kg		83	48 - 105
2-Methylnaphthalene	6670	5430		ug/Kg		81	53 - 100
2-Methylphenol	6670	5420		ug/Kg		81	50 - 101
Methylphenol, 3 & 4	6670	5700		ug/Kg		85	50 - 103
Naphthalene	6670	5420		ug/Kg		81	51 - 100
2-Nitroaniline	6670	5900		ug/Kg		89	42 - 123
3-Nitroaniline	6670	5990		ug/Kg		90	50 - 103
4-Nitroaniline	6670	5720		ug/Kg		86	52 - 103
Nitrobenzene	6670	5520		ug/Kg		83	44 - 108
2-Nitrophenol	6670	5960		ug/Kg		89	55 - 107
4-Nitrophenol	13300	12200		ug/Kg		91	30 - 134
N-Nitrosodi-n-propylamine	6670	5580		ug/Kg		84	45 - 107
N-Nitrosodiphenylamine	6670	5530		ug/Kg		83	52 - 100
2,2'-oxybis[1-chloropropane]	6670	5340		ug/Kg		80	30 - 113
Pentachlorophenol	13300	12500		ug/Kg		94	42 - 110
Phenanthrene	6670	5410		ug/Kg		81	53 - 100
Phenol	6670	5490		ug/Kg		82	49 - 100
Pyrene	6670	5180		ug/Kg		78	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	5460		ug/Kg		82	41 - 104
2,3,4,6-Tetrachlorophenol	6670	5990		ug/Kg		90	47 - 104
2,4,5-Trichlorophenol	6670	5770		ug/Kg		87	50 - 104
2,4,6-Trichlorophenol	6670	5830		ug/Kg		88	50 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*75*		*44 - 105*
2-Fluorophenol (Surr)	*78*		*48 - 105*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*
Phenol-d5 (Surr)	*76*		*46 - 105*
Terphenyl-d14 (Surr)	*71*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*80*		*34 - 108*

Lab Sample ID: 180-154919-4 MS
Matrix: Solid
Analysis Batch: 432298

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 432293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	27	J	7960	6370		ug/Kg	☼	80	50 - 100
Acenaphthylene	55	J	7960	6770		ug/Kg	☼	84	52 - 100

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154919-4 MS
Matrix: Solid
Analysis Batch: 432298

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 432293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetophenone	ND		7960	6230		ug/Kg	☼	78	48 - 100
Anthracene	110		7960	6850		ug/Kg	☼	85	53 - 100
Atrazine	ND		7960	6280		ug/Kg	☼	79	49 - 103
Benzaldehyde	ND	F1	7960	500	J F1	ug/Kg	☼	6	23 - 105
Benzo[a]anthracene	500		7960	6820		ug/Kg	☼	79	51 - 100
Benzo[a]pyrene	460		7960	6820		ug/Kg	☼	80	51 - 100
Benzo[b]fluoranthene	580		7960	7060		ug/Kg	☼	81	48 - 100
Benzo[g,h,i]perylene	320		7960	7190		ug/Kg	☼	86	48 - 105
Benzo[k]fluoranthene	270		7960	6200		ug/Kg	☼	75	19 - 100
1,1'-Biphenyl	ND		7960	6360		ug/Kg	☼	80	50 - 100
Bis(2-chloroethoxy)methane	ND		7960	6350		ug/Kg	☼	80	49 - 100
Bis(2-chloroethyl)ether	ND		7960	6390		ug/Kg	☼	80	48 - 100
Bis(2-ethylhexyl) phthalate	ND		7960	7370		ug/Kg	☼	93	53 - 107
4-Bromophenyl phenyl ether	ND		7960	6570		ug/Kg	☼	83	52 - 101
Butyl benzyl phthalate	ND		7960	7240		ug/Kg	☼	91	52 - 107
Caprolactam	ND		7960	6880		ug/Kg	☼	86	48 - 111
Carbazole	95		7960	6860		ug/Kg	☼	85	53 - 100
4-Chloroaniline	ND		7960	6310		ug/Kg	☼	79	47 - 100
4-Chloro-3-methylphenol	ND		7960	7050		ug/Kg	☼	89	49 - 106
2-Chloronaphthalene	ND		7960	6320		ug/Kg	☼	79	51 - 100
2-Chlorophenol	ND		7960	6480		ug/Kg	☼	81	51 - 100
4-Chlorophenyl phenyl ether	ND		7960	6390		ug/Kg	☼	80	52 - 100
Chrysene	630		7960	6500		ug/Kg	☼	74	50 - 100
Dibenz(a,h)anthracene	89		7960	7560		ug/Kg	☼	94	50 - 107
Dibenzofuran	ND		7960	6340		ug/Kg	☼	80	52 - 100
3,3'-Dichlorobenzidine	ND		7960	6150		ug/Kg	☼	77	43 - 100
2,4-Dichlorophenol	ND		7960	6700		ug/Kg	☼	84	53 - 101
Diethyl phthalate	ND		7960	6780		ug/Kg	☼	85	48 - 104
2,4-Dimethylphenol	ND		7960	6400		ug/Kg	☼	80	51 - 101
Dimethyl phthalate	ND		7960	6850		ug/Kg	☼	86	53 - 100
Di-n-butyl phthalate	ND		7960	7170		ug/Kg	☼	90	57 - 102
4,6-Dinitro-2-methylphenol	ND		15900	12600		ug/Kg	☼	79	51 - 100
2,4-Dinitrophenol	ND		15900	12100		ug/Kg	☼	76	33 - 101
2,4-Dinitrotoluene	ND		7960	7330		ug/Kg	☼	92	54 - 104
2,6-Dinitrotoluene	ND		7960	6850		ug/Kg	☼	86	51 - 106
Di-n-octyl phthalate	ND		7960	7480		ug/Kg	☼	94	41 - 106
1,4-Dioxane	ND		7960	6100		ug/Kg	☼	77	25 - 125
Fluoranthene	1200		7960	7240		ug/Kg	☼	75	55 - 100
Fluorene	35	J	7960	6690		ug/Kg	☼	84	52 - 100
Hexachlorobenzene	ND		7960	6440		ug/Kg	☼	81	49 - 100
Hexachlorobutadiene	ND		7960	6080		ug/Kg	☼	76	38 - 107
Hexachlorocyclopentadiene	ND		7960	5850		ug/Kg	☼	74	33 - 117
Hexachloroethane	ND		7960	6130		ug/Kg	☼	77	47 - 100
Indeno[1,2,3-cd]pyrene	250		7960	7550		ug/Kg	☼	92	51 - 103
Isophorone	ND		7960	6710		ug/Kg	☼	84	48 - 105
2-Methylnaphthalene	ND		7960	6410		ug/Kg	☼	81	53 - 100
2-Methylphenol	ND		7960	6720		ug/Kg	☼	84	50 - 101
Methylphenol, 3 & 4	ND		7960	7010		ug/Kg	☼	88	50 - 103
Naphthalene	ND		7960	6380		ug/Kg	☼	80	51 - 100

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154919-4 MS
Matrix: Solid
Analysis Batch: 432298

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 432293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitroaniline	ND		7960	7280		ug/Kg	☼	91	42 - 123
3-Nitroaniline	ND		7960	7400		ug/Kg	☼	93	50 - 103
4-Nitroaniline	ND		7960	6850		ug/Kg	☼	86	52 - 103
Nitrobenzene	ND		7960	6410		ug/Kg	☼	81	44 - 108
2-Nitrophenol	ND		7960	7210		ug/Kg	☼	91	55 - 107
4-Nitrophenol	ND		15900	14400		ug/Kg	☼	90	30 - 134
N-Nitrosodi-n-propylamine	ND		7960	6650		ug/Kg	☼	84	45 - 107
N-Nitrosodiphenylamine	ND		7960	6680		ug/Kg	☼	84	52 - 100
2,2'-oxybis[1-chloropropane]	ND		7960	6400		ug/Kg	☼	80	30 - 113
Pentachlorophenol	ND		15900	14100		ug/Kg	☼	89	42 - 110
Phenanthrene	720		7960	6730		ug/Kg	☼	76	53 - 100
Phenol	ND		7960	6460		ug/Kg	☼	81	49 - 100
Pyrene	1000		7960	6860		ug/Kg	☼	73	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		7960	6330		ug/Kg	☼	80	41 - 104
2,3,4,6-Tetrachlorophenol	ND		7960	6990		ug/Kg	☼	88	47 - 104
2,4,5-Trichlorophenol	ND		7960	7070		ug/Kg	☼	89	50 - 104
2,4,6-Trichlorophenol	ND		7960	6870		ug/Kg	☼	86	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*74*		*44 - 105*
2-Fluorophenol (Surr)	*77*		*48 - 105*
Nitrobenzene-d5 (Surr)	*74*		*46 - 105*
Phenol-d5 (Surr)	*78*		*46 - 105*
Terphenyl-d14 (Surr)	*76*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*83*		*34 - 108*

Lab Sample ID: 180-154919-4 MSD
Matrix: Solid
Analysis Batch: 432298

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 432293

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	27	J	8060	5700		ug/Kg	☼	70	50 - 100	11	20
Acenaphthylene	55	J	8060	6000		ug/Kg	☼	74	52 - 100	12	20
Acetophenone	ND		8060	5580		ug/Kg	☼	69	48 - 100	11	17
Anthracene	110		8060	5870		ug/Kg	☼	72	53 - 100	15	20
Atrazine	ND		8060	5510		ug/Kg	☼	68	49 - 103	13	19
Benzaldehyde	ND	F1	8060	423	J F1	ug/Kg	☼	5	23 - 105	17	31
Benzo[a]anthracene	500		8060	6110		ug/Kg	☼	70	51 - 100	11	21
Benzo[a]pyrene	460		8060	6130		ug/Kg	☼	70	51 - 100	11	20
Benzo[b]fluoranthene	580		8060	5930		ug/Kg	☼	66	48 - 100	17	20
Benzo[g,h,i]perylene	320		8060	6480		ug/Kg	☼	76	48 - 105	10	19
Benzo[k]fluoranthene	270		8060	5660		ug/Kg	☼	67	19 - 100	9	20
1,1'-Biphenyl	ND		8060	5700		ug/Kg	☼	71	50 - 100	11	19
Bis(2-chloroethoxy)methane	ND		8060	5620		ug/Kg	☼	70	49 - 100	12	20
Bis(2-chloroethyl)ether	ND		8060	5700		ug/Kg	☼	71	48 - 100	11	18
Bis(2-ethylhexyl) phthalate	ND		8060	6520		ug/Kg	☼	81	53 - 107	12	20
4-Bromophenyl phenyl ether	ND		8060	5970		ug/Kg	☼	74	52 - 101	10	20
Butyl benzyl phthalate	ND		8060	6330		ug/Kg	☼	79	52 - 107	13	19

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154919-4 MSD
Matrix: Solid
Analysis Batch: 432298

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 432293

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Caprolactam	ND		8060	6710		ug/Kg	☼	83	48 - 111	3	23
Carbazole	95		8060	5900		ug/Kg	☼	72	53 - 100	15	20
4-Chloroaniline	ND		8060	5870		ug/Kg	☼	73	47 - 100	7	20
4-Chloro-3-methylphenol	ND		8060	6470		ug/Kg	☼	80	49 - 106	9	20
2-Chloronaphthalene	ND		8060	5590		ug/Kg	☼	69	51 - 100	12	20
2-Chlorophenol	ND		8060	5750		ug/Kg	☼	71	51 - 100	12	17
4-Chlorophenyl phenyl ether	ND		8060	5950		ug/Kg	☼	74	52 - 100	7	19
Chrysene	630		8060	5810		ug/Kg	☼	64	50 - 100	11	20
Dibenz(a,h)anthracene	89		8060	6650		ug/Kg	☼	81	50 - 107	13	21
Dibenzofuran	ND		8060	5770		ug/Kg	☼	72	52 - 100	9	19
3,3'-Dichlorobenzidine	ND		8060	5590		ug/Kg	☼	69	43 - 100	10	19
2,4-Dichlorophenol	ND		8060	6080		ug/Kg	☼	75	53 - 101	10	22
Diethyl phthalate	ND		8060	6300		ug/Kg	☼	78	48 - 104	7	20
2,4-Dimethylphenol	ND		8060	5840		ug/Kg	☼	72	51 - 101	9	32
Dimethyl phthalate	ND		8060	6220		ug/Kg	☼	77	53 - 100	9	21
Di-n-butyl phthalate	ND		8060	6490		ug/Kg	☼	81	57 - 102	10	20
4,6-Dinitro-2-methylphenol	ND		16100	11200		ug/Kg	☼	70	51 - 100	11	22
2,4-Dinitrophenol	ND		16100	11100		ug/Kg	☼	69	33 - 101	8	20
2,4-Dinitrotoluene	ND		8060	6520		ug/Kg	☼	81	54 - 104	12	20
2,6-Dinitrotoluene	ND		8060	6260		ug/Kg	☼	78	51 - 106	9	20
Di-n-octyl phthalate	ND		8060	6510		ug/Kg	☼	81	41 - 106	14	18
1,4-Dioxane	ND		8060	5320		ug/Kg	☼	66	25 - 125	14	17
Fluoranthene	1200		8060	6340		ug/Kg	☼	63	55 - 100	13	20
Fluorene	35	J	8060	6070		ug/Kg	☼	75	52 - 100	10	19
Hexachlorobenzene	ND		8060	5570		ug/Kg	☼	69	49 - 100	14	20
Hexachlorobutadiene	ND		8060	5420		ug/Kg	☼	67	38 - 107	12	22
Hexachlorocyclopentadiene	ND		8060	5090		ug/Kg	☼	63	33 - 117	14	19
Hexachloroethane	ND		8060	5500		ug/Kg	☼	68	47 - 100	11	17
Indeno[1,2,3-cd]pyrene	250		8060	6860		ug/Kg	☼	82	51 - 103	10	19
Isophorone	ND		8060	6010		ug/Kg	☼	75	48 - 105	11	20
2-Methylnaphthalene	ND		8060	5830		ug/Kg	☼	72	53 - 100	9	21
2-Methylphenol	ND		8060	6050		ug/Kg	☼	75	50 - 101	11	17
Methylphenol, 3 & 4	ND		8060	6300		ug/Kg	☼	78	50 - 103	11	19
Naphthalene	ND		8060	5610		ug/Kg	☼	70	51 - 100	13	20
2-Nitroaniline	ND		8060	6600		ug/Kg	☼	82	42 - 123	10	19
3-Nitroaniline	ND		8060	6660		ug/Kg	☼	83	50 - 103	11	20
4-Nitroaniline	ND		8060	6350		ug/Kg	☼	79	52 - 103	8	18
Nitrobenzene	ND		8060	5800		ug/Kg	☼	72	44 - 108	10	21
2-Nitrophenol	ND		8060	6320		ug/Kg	☼	78	55 - 107	13	19
4-Nitrophenol	ND		16100	13700		ug/Kg	☼	85	30 - 134	5	18
N-Nitrosodi-n-propylamine	ND		8060	6010		ug/Kg	☼	75	45 - 107	10	18
N-Nitrosodiphenylamine	ND		8060	5920		ug/Kg	☼	73	52 - 100	12	20
2,2'-oxybis[1-chloropropane]	ND		8060	5670		ug/Kg	☼	70	30 - 113	12	17
Pentachlorophenol	ND		16100	12600		ug/Kg	☼	78	42 - 110	11	20
Phenanthrene	720		8060	5820		ug/Kg	☼	63	53 - 100	15	20
Phenol	ND		8060	5870		ug/Kg	☼	73	49 - 100	10	16
Pyrene	1000		8060	6060		ug/Kg	☼	62	52 - 100	12	20
1,2,4,5-Tetrachlorobenzene	ND		8060	5520		ug/Kg	☼	68	41 - 104	14	21
2,3,4,6-Tetrachlorophenol	ND		8060	6400		ug/Kg	☼	79	47 - 104	9	18

Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-154919-4 MSD
Matrix: Solid
Analysis Batch: 432298

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 432293

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		8060	6380		ug/Kg	☼	79	50 - 104	10	21
2,4,6-Trichlorophenol	ND		8060	6300		ug/Kg	☼	78	50 - 105	9	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*64*		*44 - 105*
2-Fluorophenol (Surr)	*68*		*48 - 105*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*
Phenol-d5 (Surr)	*69*		*46 - 105*
Terphenyl-d14 (Surr)	*64*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*70*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-432636/1-A
Matrix: Solid
Analysis Batch: 432711

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 432636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		04/18/23 11:50	04/19/23 21:21	1
PCB-1221	ND		17	5.9	ug/Kg		04/18/23 11:50	04/19/23 21:21	1
PCB-1232	ND		17	4.1	ug/Kg		04/18/23 11:50	04/19/23 21:21	1
PCB-1242	ND		17	2.4	ug/Kg		04/18/23 11:50	04/19/23 21:21	1
PCB-1248	ND		17	4.0	ug/Kg		04/18/23 11:50	04/19/23 21:21	1
PCB-1254	ND		17	5.0	ug/Kg		04/18/23 11:50	04/19/23 21:21	1
PCB-1260	ND		17	4.7	ug/Kg		04/18/23 11:50	04/19/23 21:21	1
PCB-1262	ND		17	5.9	ug/Kg		04/18/23 11:50	04/19/23 21:21	1
PCB-1268	ND		17	2.2	ug/Kg		04/18/23 11:50	04/19/23 21:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*04/18/23 11:50*	*04/19/23 21:21*	*1*
DCB Decachlorobiphenyl (Surr)	*71*		*63 - 138*	*04/18/23 11:50*	*04/19/23 21:21*	*1*
Tetrachloro-m-xylene (Surr)	*61*		*55 - 135*	*04/18/23 11:50*	*04/19/23 21:21*	*1*
Tetrachloro-m-xylene (Surr)	*58*		*55 - 135*	*04/18/23 11:50*	*04/19/23 21:21*	*1*

Lab Sample ID: LCS 180-432636/2-A
Matrix: Solid
Analysis Batch: 432711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 432636

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1610		ug/Kg		121	43 - 136		
PCB-1260			1330	1530		ug/Kg		115	55 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*72*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*74*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*68*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*64*		*55 - 135*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-154919-4 MS
Matrix: Solid
Analysis Batch: 432711

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 432636

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		1610	1610		ug/Kg	☼	100	43 - 136
PCB-1260	ND		1610	1410		ug/Kg	☼	87	55 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*106*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*111*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*113*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*104*		*55 - 135*

Lab Sample ID: 180-154919-4 MSD
Matrix: Solid
Analysis Batch: 432711

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 432636

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1610	1430		ug/Kg	☼	88	43 - 136	12	40
PCB-1260	ND		1610	1250		ug/Kg	☼	77	55 - 128	12	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*94*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*98*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*100*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*91*		*55 - 135*

Lab Sample ID: MB 180-433009/1-A
Matrix: Solid
Analysis Batch: 433144

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433009

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		04/21/23 09:59	04/24/23 09:23	1
PCB-1221	ND		17	5.9	ug/Kg		04/21/23 09:59	04/24/23 09:23	1
PCB-1232	ND		17	4.1	ug/Kg		04/21/23 09:59	04/24/23 09:23	1
PCB-1242	ND		17	2.4	ug/Kg		04/21/23 09:59	04/24/23 09:23	1
PCB-1248	ND		17	4.0	ug/Kg		04/21/23 09:59	04/24/23 09:23	1
PCB-1254	ND		17	5.0	ug/Kg		04/21/23 09:59	04/24/23 09:23	1
PCB-1260	ND		17	4.7	ug/Kg		04/21/23 09:59	04/24/23 09:23	1
PCB-1262	ND		17	5.9	ug/Kg		04/21/23 09:59	04/24/23 09:23	1
PCB-1268	ND		17	2.2	ug/Kg		04/21/23 09:59	04/24/23 09:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*70*		*63 - 138*	*04/21/23 09:59*	*04/24/23 09:23*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*63 - 138*	*04/21/23 09:59*	*04/24/23 09:23*	*1*
Tetrachloro-m-xylene (Surr)	*59*		*55 - 135*	*04/21/23 09:59*	*04/24/23 09:23*	*1*
Tetrachloro-m-xylene (Surr)	*57*		*55 - 135*	*04/21/23 09:59*	*04/24/23 09:23*	*1*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 180-433009/2-A
Matrix: Solid
Analysis Batch: 433144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433009

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1350		ug/Kg		101	43 - 136		
PCB-1260			1330	1530		ug/Kg		115	55 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*134*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*134*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*112*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*111*		*55 - 135*

Lab Sample ID: 180-154919-2 MS
Matrix: Solid
Analysis Batch: 433144

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17
Prep Type: Total/NA
Prep Batch: 433009

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1670	1650		ug/Kg	☼	99	43 - 136		
PCB-1260	ND		1670	1730		ug/Kg	☼	104	55 - 128		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*105*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*112*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*105*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*

Lab Sample ID: 180-154919-2 MSD
Matrix: Solid
Analysis Batch: 433144

Client Sample ID: SSHS-IRM5A2-SCV82-0-0.17
Prep Type: Total/NA
Prep Batch: 433009

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1670	1550		ug/Kg	☼	93	43 - 136	7	40
PCB-1260	ND		1670	1670		ug/Kg	☼	100	55 - 128	3	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*106*		*63 - 138*
DCB Decachlorobiphenyl (Surr)	*119*		*63 - 138*
Tetrachloro-m-xylene (Surr)	*101*		*55 - 135*
Tetrachloro-m-xylene (Surr)	*95*		*55 - 135*

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-433400/1-A
Matrix: Solid
Analysis Batch: 433826

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433400

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Antimony	ND		1.0	0.30	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Arsenic	ND		1.0	0.63	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Barium	ND		20	3.6	mg/Kg		04/26/23 07:51	04/28/23 15:40	1

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 180-433400/1-A
Matrix: Solid
Analysis Batch: 433826

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433400

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.40	0.11	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Cadmium	ND		0.50	0.073	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Calcium	ND		500	65	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Chromium	ND		0.50	0.46	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Cobalt	ND		5.0	0.70	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Copper	ND		2.5	1.5	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Iron	14.1		10	9.7	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Lead	ND		1.0	0.87	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Magnesium	ND		500	55	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Manganese	ND		1.5	0.28	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Nickel	ND		4.0	0.50	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Potassium	ND		500	85	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Selenium	ND		1.0	0.46	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Silver	ND		0.50	0.10	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Sodium	ND		500	51	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Thallium	ND		2.0	0.28	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Vanadium	ND		5.0	0.79	mg/Kg		04/26/23 07:51	04/28/23 15:40	1
Zinc	2.50		2.0	1.5	mg/Kg		04/26/23 07:51	04/28/23 15:40	1

Lab Sample ID: LCS 180-433400/2-A
Matrix: Solid
Analysis Batch: 433826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433400

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	487		mg/Kg		97	80 - 120
Antimony	25.0	24.7		mg/Kg		99	80 - 120
Arsenic	100	101		mg/Kg		101	80 - 120
Barium	100	95.5		mg/Kg		96	80 - 120
Beryllium	50.0	48.6		mg/Kg		97	80 - 120
Cadmium	50.0	47.7		mg/Kg		95	80 - 120
Calcium	2500	2490		mg/Kg		100	80 - 120
Chromium	50.0	46.8		mg/Kg		94	80 - 120
Cobalt	50.0	46.3		mg/Kg		93	80 - 120
Copper	50.0	46.8		mg/Kg		94	80 - 120
Iron	500	508		mg/Kg		102	80 - 120
Lead	50.0	44.8		mg/Kg		90	80 - 120
Magnesium	2500	2490		mg/Kg		100	80 - 120
Manganese	50.0	47.2		mg/Kg		94	80 - 120
Nickel	50.0	45.8		mg/Kg		92	80 - 120
Potassium	2500	2430		mg/Kg		97	80 - 120
Selenium	100	94.4		mg/Kg		94	80 - 120
Silver	25.0	22.9		mg/Kg		92	80 - 120
Sodium	2500	2490		mg/Kg		100	80 - 120
Thallium	100	88.6		mg/Kg		89	80 - 120
Vanadium	50.0	46.3		mg/Kg		93	80 - 120
Zinc	25.0	26.2		mg/Kg		105	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154919-4 MS
Matrix: Solid
Analysis Batch: 433826

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 433400

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8300		550	9700	4	mg/Kg	☼	257	75 - 125
Antimony	ND	F2 F1	27.5	17.9	F1	mg/Kg	☼	65	75 - 125
Arsenic	6.4	F2	110	123		mg/Kg	☼	106	75 - 125
Barium	99		110	211		mg/Kg	☼	102	75 - 125
Beryllium	0.35	J F2	55.0	57.6		mg/Kg	☼	104	75 - 125
Cadmium	0.22	J F2	55.0	54.9		mg/Kg	☼	99	75 - 125
Calcium	2100		2750	4870		mg/Kg	☼	102	75 - 125
Chromium	9.2	F2	55.0	64.2		mg/Kg	☼	100	75 - 125
Cobalt	4.7	J F2	55.0	62.4		mg/Kg	☼	105	75 - 125
Copper	16		55.0	72.7		mg/Kg	☼	102	75 - 125
Iron	15000	B	550	16500	4	mg/Kg	☼	337	75 - 125
Lead	49		55.0	101		mg/Kg	☼	94	75 - 125
Magnesium	1800		2750	4890		mg/Kg	☼	113	75 - 125
Manganese	590		55.0	507	4	mg/Kg	☼	-142	75 - 125
Nickel	11	F2	55.0	68.3		mg/Kg	☼	105	75 - 125
Potassium	910	F2	2750	3740		mg/Kg	☼	103	75 - 125
Selenium	0.61	J F2	110	110		mg/Kg	☼	99	75 - 125
Silver	ND	F2	27.5	27.1		mg/Kg	☼	99	75 - 125
Sodium	ND	F2	2750	2970		mg/Kg	☼	108	75 - 125
Thallium	1.0	J F2	110	108		mg/Kg	☼	97	75 - 125
Vanadium	14	F2	55.0	66.7		mg/Kg	☼	97	75 - 125
Zinc	250	F2 B	27.5	365	4	mg/Kg	☼	430	75 - 125

Lab Sample ID: 180-154919-4 MSD
Matrix: Solid
Analysis Batch: 433826

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 433400

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	8300		398	10700	4	mg/Kg	☼	601	75 - 125	10	20
Antimony	ND	F2 F1	19.9	8.58	F2 F1	mg/Kg	☼	43	75 - 125	70	20
Arsenic	6.4	F2	79.6	88.8	F2	mg/Kg	☼	104	75 - 125	32	20
Barium	99		79.6	185		mg/Kg	☼	108	75 - 125	13	20
Beryllium	0.35	J F2	39.8	39.8	F2	mg/Kg	☼	99	75 - 125	36	20
Cadmium	0.22	J F2	39.8	38.2	F2	mg/Kg	☼	96	75 - 125	36	20
Calcium	2100		1990	4270		mg/Kg	☼	111	75 - 125	13	20
Chromium	9.2	F2	39.8	49.0	F2	mg/Kg	☼	100	75 - 125	27	20
Cobalt	4.7	J F2	39.8	46.4	F2	mg/Kg	☼	105	75 - 125	29	20
Copper	16		39.8	60.3		mg/Kg	☼	110	75 - 125	19	20
Iron	15000	B	398	18100	4	mg/Kg	☼	875	75 - 125	9	20
Lead	49		39.8	93.2		mg/Kg	☼	110	75 - 125	8	20
Magnesium	1800		1990	4040		mg/Kg	☼	114	75 - 125	19	20
Manganese	590		39.8	452	4	mg/Kg	☼	-336	75 - 125	12	20
Nickel	11	F2	39.8	54.1	F2	mg/Kg	☼	109	75 - 125	23	20
Potassium	910	F2	1990	2940	F2	mg/Kg	☼	102	75 - 125	24	20
Selenium	0.61	J F2	79.6	78.3	F2	mg/Kg	☼	98	75 - 125	33	20
Silver	ND	F2	19.9	19.3	F2	mg/Kg	☼	97	75 - 125	34	20
Sodium	ND	F2	1990	2090	F2	mg/Kg	☼	105	75 - 125	35	20
Thallium	1.0	J F2	79.6	77.4	F2	mg/Kg	☼	96	75 - 125	33	20
Vanadium	14	F2	39.8	53.5	F2	mg/Kg	☼	100	75 - 125	22	20

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: 180-154919-4 MSD
Matrix: Solid
Analysis Batch: 433826

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 433400

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	250	F2 B	19.9	285	4 F2	mg/Kg	☼	194	75 - 125	24	20

Lab Sample ID: MB 180-434814/1-A
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 434814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20	5.0	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Antimony	ND		1.0	0.30	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Arsenic	ND		1.0	0.63	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Barium	ND		20	3.6	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Beryllium	ND		0.40	0.11	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Cadmium	ND		0.50	0.073	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Calcium	ND		500	65	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Chromium	ND		0.50	0.46	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Cobalt	ND		5.0	0.70	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Copper	ND		2.5	1.5	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Iron	ND		10	9.7	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Lead	ND		1.0	0.87	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Magnesium	ND		500	55	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Manganese	ND		1.5	0.28	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Nickel	ND		4.0	0.50	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Potassium	183	J	500	85	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Selenium	ND		1.0	0.46	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Silver	ND		0.50	0.10	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Sodium	ND		500	51	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Thallium	ND		2.0	0.28	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Vanadium	ND		5.0	0.79	mg/Kg		05/10/23 14:21	05/15/23 11:09	1
Zinc	1.56	J	2.0	1.5	mg/Kg		05/10/23 14:21	05/15/23 11:09	1

Lab Sample ID: LCS 180-434814/2-A
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 434814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	512		mg/Kg		102	80 - 120
Antimony	25.0	25.6		mg/Kg		102	80 - 120
Arsenic	100	101		mg/Kg		101	80 - 120
Barium	100	102		mg/Kg		102	80 - 120
Beryllium	50.0	51.2		mg/Kg		102	80 - 120
Cadmium	50.0	50.3		mg/Kg		101	80 - 120
Calcium	2500	2580		mg/Kg		103	80 - 120
Chromium	50.0	50.0		mg/Kg		100	80 - 120
Cobalt	50.0	49.9		mg/Kg		100	80 - 120
Copper	50.0	50.9		mg/Kg		102	80 - 120
Iron	500	522		mg/Kg		104	80 - 120
Lead	50.0	49.5		mg/Kg		99	80 - 120
Magnesium	2500	2540		mg/Kg		102	80 - 120
Manganese	50.0	49.5		mg/Kg		99	80 - 120

Method: EPA 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 180-434814/2-A
Matrix: Solid
Analysis Batch: 435239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 434814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	50.0	50.0		mg/Kg		100	80 - 120
Potassium	2500	2600		mg/Kg		104	80 - 120
Selenium	100	102		mg/Kg		102	80 - 120
Silver	25.0	24.3		mg/Kg		97	80 - 120
Sodium	2500	2610		mg/Kg		104	80 - 120
Thallium	100	98.1		mg/Kg		98	80 - 120
Vanadium	50.0	50.1		mg/Kg		100	80 - 120
Zinc	25.0	28.3		mg/Kg		113	80 - 120

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 180-433818/1-A
Matrix: Solid
Analysis Batch: 434050

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 433818

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0297	J	0.033	0.021	mg/Kg		05/01/23 08:50	05/02/23 13:06	1

Lab Sample ID: LCS 180-433818/2-A
Matrix: Solid
Analysis Batch: 434050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 433818

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.417	0.428		mg/Kg		103	80 - 120

Lab Sample ID: 180-154919-4 MS
Matrix: Solid
Analysis Batch: 434050

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 433818

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.078	B	0.202	0.259		mg/Kg	☼	90	80 - 120

Lab Sample ID: 180-154919-4 MSD
Matrix: Solid
Analysis Batch: 434050

Client Sample ID: SSHS-IRM5A2-SCV82-0.17-0.75
Prep Type: Total/NA
Prep Batch: 433818

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.078	B	0.192	0.243		mg/Kg	☼	86	80 - 120	7	20

GC/MS VOA

Analysis Batch: 432979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 8260C	433069
MB 180-432979/7	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-432979/3	Lab Control Sample	Total/NA	Solid	EPA 8260C	
LCSD 180-432979/4	Lab Control Sample Dup	Total/NA	Solid	EPA 8260C	
180-154919-4 MS	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 8260C	433069
180-154919-4 MSD	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 8260C	433069

Prep Batch: 433069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	5035	
180-154919-4 MS	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	5035	
180-154919-4 MSD	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	5035	

Analysis Batch: 433087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	EPA 8260C	433120
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	EPA 8260C	433120
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	EPA 8260C	433120
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	EPA 8260C	433120
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	EPA 8260C	433120
MB 180-433087/8	Method Blank	Total/NA	Solid	EPA 8260C	
LCS 180-433087/6	Lab Control Sample	Total/NA	Solid	EPA 8260C	

Prep Batch: 433120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	5035	
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	5035	
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	5035	
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	5035	
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 432293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	3541	
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3541	
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	3541	
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3541	
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	3541	
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	3541	
MB 180-432293/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-432293/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-154919-4 MS	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3541	
180-154919-4 MSD	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3541	

Analysis Batch: 432298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	EPA 8270D	432293
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	EPA 8270D	432293
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	EPA 8270D	432293

GC/MS Semi VOA (Continued)

Analysis Batch: 432298 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 8270D	432293
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	EPA 8270D	432293
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	EPA 8270D	432293
MB 180-432293/1-A	Method Blank	Total/NA	Solid	EPA 8270D	432293
LCS 180-432293/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270D	432293
180-154919-4 MS	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 8270D	432293
180-154919-4 MSD	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 8270D	432293

GC Semi VOA

Prep Batch: 432636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	3541	
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	3541	
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3541	
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	3541	
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	3541	
MB 180-432636/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-432636/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-154919-4 MS	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3541	
180-154919-4 MSD	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3541	

Cleanup Batch: 432705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	3665A	432636
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	3665A	432636
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3665A	432636
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	3665A	432636
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	3665A	432636
180-154919-4 MS	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3665A	432636
180-154919-4 MSD	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3665A	432636

Cleanup Batch: 432706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	3660B	432705
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	3660B	432705
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3660B	432705
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	3660B	432705
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	3660B	432705
180-154919-4 MS	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3660B	432705
180-154919-4 MSD	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3660B	432705

Analysis Batch: 432711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	EPA 8082A	432706
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	EPA 8082A	432706
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 8082A	432706
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	EPA 8082A	432706
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	EPA 8082A	432706
MB 180-432636/1-A	Method Blank	Total/NA	Solid	EPA 8082A	432636
LCS 180-432636/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	432636

GC Semi VOA (Continued)

Analysis Batch: 432711 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-4 MS	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 8082A	432706
180-154919-4 MSD	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 8082A	432706

Prep Batch: 433009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3541	
MB 180-433009/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-433009/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-154919-2 MS	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3541	
180-154919-2 MSD	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3541	

Cleanup Batch: 433073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3665A	433009
180-154919-2 MS	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3665A	433009
180-154919-2 MSD	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3665A	433009

Cleanup Batch: 433074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3660B	433073
180-154919-2 MS	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3660B	433073
180-154919-2 MSD	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3660B	433073

Analysis Batch: 433144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	EPA 8082A	433074
MB 180-433009/1-A	Method Blank	Total/NA	Solid	EPA 8082A	433009
LCS 180-433009/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	433009
180-154919-2 MS	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	EPA 8082A	433074
180-154919-2 MSD	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	EPA 8082A	433074

Metals

Prep Batch: 433400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3050B	
MB 180-433400/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-433400/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-154919-4 MS	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3050B	
180-154919-4 MSD	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	3050B	

Prep Batch: 433818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	7471B	
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	7471B	
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	7471B	
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	7471B	
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	7471B	
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	7471B	
MB 180-433818/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 180-433818/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 433818 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-4 MS	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	7471B	
180-154919-4 MSD	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	7471B	

Analysis Batch: 433826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 6010C	433400
MB 180-433400/1-A	Method Blank	Total/NA	Solid	EPA 6010C	433400
LCS 180-433400/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	433400
180-154919-4 MS	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 6010C	433400
180-154919-4 MSD	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 6010C	433400

Analysis Batch: 434050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	EPA 7471B	433818
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	EPA 7471B	433818
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	EPA 7471B	433818
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 7471B	433818
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	EPA 7471B	433818
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	EPA 7471B	433818
MB 180-433818/1-A	Method Blank	Total/NA	Solid	EPA 7471B	433818
LCS 180-433818/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	433818
180-154919-4 MS	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 7471B	433818
180-154919-4 MSD	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	EPA 7471B	433818

Prep Batch: 434814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	3050B	
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	3050B	
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	3050B	
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	3050B	
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	3050B	
MB 180-434814/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 180-434814/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 435239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	EPA 6010C	434814
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	EPA 6010C	434814
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	EPA 6010C	434814
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	EPA 6010C	434814
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	EPA 6010C	434814
MB 180-434814/1-A	Method Blank	Total/NA	Solid	EPA 6010C	434814
LCS 180-434814/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	434814

Analysis Batch: 435515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	EPA 6010C	434814

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154919-1
Project/Site: Former Sperry Remington-SCV

General Chemistry

Analysis Batch: 432382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154919-1	SSHS-IRM5A2-SCV81-0.83-1.83	Total/NA	Solid	2540G	
180-154919-2	SSHS-IRM5A2-SCV82-0-0.17	Total/NA	Solid	2540G	
180-154919-3	SSHS-IRM5A2-SCV-DUP23	Total/NA	Solid	2540G	
180-154919-4	SSHS-IRM5A2-SCV82-0.17-0.75	Total/NA	Solid	2540G	
180-154919-5	SSHS-IRM5A2-SCV82-0.75-1.75	Total/NA	Solid	2540G	
180-154919-6	SSHS-IRM5A2-SCV86-0-0.17	Total/NA	Solid	2540G	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC3

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 1
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N		
SSHS-IRM5A2-SCV81-0.83-1.83	4/11/23	1400	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV82-0-0.17	4/11/23	1405	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP23	4/11/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV82-0.17-0.75	4/11/23	1410	G	S	N	Y	X	X	X	X			16	
SSHS-IRM5A2-SCV82-0.75-1.75	4/11/23	1415	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV86-0-0.17	4/11/23	1420	G	S	N	N	X	X	X	X			6	

180-154919 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	4/11/23 1800	Geosyntec		4/12/23 0930	BPI Hunter
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC3

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 1
Company: Geosyntec Consultants, Inc				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154919 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV81-0.83-1.83	4/11/23	1400	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV82-0-0.17	4/11/23	1405	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP23	4/11/23	–	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV82-0.17-0.75	4/11/23	1410	G	S	N	Y	X	X	X	X			16	
SSHS-IRM5A2-SCV82-0.75-1.75	4/11/23	1415	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV86-0-0.17	4/11/23	1420	G	S	N	N	X	X	X	X			6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Miranda Ostrum	Date/Time: 4/11/23/1800 MS	Company: Geosyntec	Received by:	Date/Time: 4/12/23 930	Company: FEDEX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 1460254	Cooler Temperature(s) °C and Other Remarks: 4.6

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5/19/2023

Ver: 01/16/2019

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Sacramento
Sample Receiving Notes

180-154919 Field Sheet

Tracking # : 7117 8877 2015

Job: _____

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier

GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: L10 Corr. Factor: (+ / -) _____ °C

Ice ~~_____~~ Wet _____ Gel _____ Other _____

Cooler Custody Seal: 18692 ~~54~~

Cooler ID: ~~_____~~

Temp Observed: 4.6 °C Corrected: 4.6 °C

From: Temp Blank ☑ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: JT Date: 4/12/23

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☑	☐
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☑	☐
Is the Field Sampler's name on COC?	☑	☐	☐
Samples require splitting/compositing?	☐	☑	☐
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: SP Date: 4-12-23

Notes: _____

Trizma Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	4/13/23 ☑	☐	☐

Initials: SP Date: 4-12-23

WR305A

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154919-1

Login Number: 154919
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 6/6/2023 4:20:45 PM

JOB DESCRIPTION

Former Sperry Remington-SCV-TCLP Pb

JOB NUMBER

180-154813-4

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Pittsburgh and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Pittsburgh Project Manager or designee who has signed this report.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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6/6/2023 4:20:45 PM

Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Case Narrative

Client: Geosyntec Consultants Inc
Job ID: 180-154813-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Job ID: 180-154813-4

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154813-4

Comments
TCLP lead only analysis on sample SSHS-IRM5A2-SCV54-0.17-0.75 (180-154813-8) was requested by the client on 5/31/23.

Notation was made to the COC regarding terracores for sample SSHS-IRM5A2-DUP19 not being received.

Receipt
The samples were received on 4/8/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.0º C, 1.4º C, 1.6º C, 2.5º C, 3.3º C and 4.8º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154813-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154813-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Laboratory: Eurofins Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	04-01-24

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Job ID: 180-154813-4

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	Solid	04/07/23 11:00	04/08/23 08:35

Method Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154813-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Method	Method Description	Protocol	Laboratory
EPA 6010C	Metals (ICP)	SW846	EET PIT
3010A	Preparation, Total Metals	SW846	EET PIT
EPA 1311	TCLP Extraction	SW846	EET PIT

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154813-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Client Sample ID: SSHS-IRM5A2-SCV54-0.17-0.75
Lab Sample ID: 180-154813-8

Date Collected: 04/07/23 11:00
Matrix: Solid
Date Received: 04/08/23 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	EPA 1311			100.45 g	2000 mL	436760	06/01/23 16:30	MJC	EET PIT
TCLP	Prep	3010A			5 mL	50 mL	437047	06/06/23 06:26	S1Z	EET PIT
TCLP	Analysis	EPA 6010C		1			437122	06/06/23 11:50	RJR	EET PIT
	Instrument ID: Q									

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: EET PIT

Batch Type: Leach

MJC = Mathew Catanzariti

Batch Type: Prep

S1Z = Sage Ziviello

Batch Type: Analysis

RJR = Ron Rosenbaum

Client: Geosyntec Consultants Inc
Job ID: 180-154813-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Client Sample ID: SSHS-IRM5A2-SCV54-0.17-0.75
Lab Sample ID: 180-154813-8
Date Collected: 04/07/23 11:00
Matrix: Solid
Date Received: 04/08/23 08:35

Method: SW846 EPA 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	0.044	mg/L		06/06/23 06:26	06/06/23 11:50	1

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-437047/1-A
Matrix: Solid
Analysis Batch: 437122

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 437047

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.050	0.0044	mg/L		06/06/23 06:26	06/06/23 11:30	1

Lab Sample ID: LCS 180-437047/2-A
Matrix: Solid
Analysis Batch: 437122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 437047

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			0.500	0.491		mg/L		98	80 - 120		

Lab Sample ID: LCSD 180-437047/3-A
Matrix: Solid
Analysis Batch: 437122

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 437047

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			0.500	0.493		mg/L		99	80 - 120	0	20

Lab Sample ID: LB 180-436760/1-B
Matrix: Solid
Analysis Batch: 437122

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 437047

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	0.044	mg/L		06/06/23 06:26	06/06/23 11:45	1

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154813-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Metals

Leach Batch: 436760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	TCLP	Solid	EPA 1311	
LB 180-436760/1-B	Method Blank	TCLP	Solid	EPA 1311	

Prep Batch: 437047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	TCLP	Solid	3010A	436760
LB 180-436760/1-B	Method Blank	TCLP	Solid	3010A	436760
MB 180-437047/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 180-437047/2-A	Lab Control Sample	Total/NA	Solid	3010A	
LCSD 180-437047/3-A	Lab Control Sample Dup	Total/NA	Solid	3010A	

Analysis Batch: 437122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154813-8	SSHS-IRM5A2-SCV54-0.17-0.75	TCLP	Solid	EPA 6010C	437047
LB 180-436760/1-B	Method Blank	TCLP	Solid	EPA 6010C	437047
MB 180-437047/1-A	Method Blank	Total/NA	Solid	EPA 6010C	437047
LCS 180-437047/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	437047
LCSD 180-437047/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 6010C	437047

SCV Documentation COC2

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Chain of Custody Record

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Client Information

Client Contact: Mr. Aron Krasnopoler
Company: Geosyntec Consultants, Inc.
Address: 10211 Wincopin Circle 4th Floor
City: Columbia
State, Zip: MD, 21044
Phone: 40-381-4333
Email: akrasnopoler@geosyntec.com
Project Name: Former Sperry Remington Site
Site:

Sampler: M Stelmach
708-248-3888

Lab PM: Dunlap, David A
E-Mail: david.dunlap@testamericainc.com

Carrier Tracking No(s):

COC No: 180-45857-9656.1
Page: Page 1 of 2
Job #:

Due Date Requested:
TAT Requested (days): Standard
PO #: MN0832I
WO #:
Project #: 18013464
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers
			Preservation Code:				N	N	N	N	N	N	
SSHS-IRM5A2-SCV51-0.50-1.50	4/7/23	1030	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV52-0-0.50	4/7/23	1035	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV52-0.50-1.50	4/7/23	1040	G	S	N	N	X	X	X	X			8
SSHS-IRM5A2-SCV53-0-0.50	4/7/23	1045	G	S	N	N	X	X	X	X	X	X	6
SSHS-IRM5A2-SCV53-0.50-1.50	4/7/23	1050	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV54-0-0.17	4/7/23	1055	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV-DUP18	4/7/23	--	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV54-0.17-0.75	4/7/23	1100	G	S	N	N	X	X	X	X			8
SSHS-IRM5A2-SCV54-0.75-1.75	4/7/23	1105	G	S	N	N	X	X	X	X	X	X	6
SSHS-IRM5A2-SCV55-0-0.17	4/7/23	1110	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV55-0.17-1	4/7/23	1115	G	S	N	N	X	X	X	X			6
SSHS-IRM5A2-SCV55-1-2	4/7/23	1120	G	S	N	N	X	X	X	X			6

180-154813 Chain of Custody

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Method of Shipment:

	Date:	Time:			
Empty Kit Relinquished by:			Received by:	Date/Time: 4-8-23 0835	Company: EHT Hart
Relinquished by:	Date/Time: 4/7/2023/1630	Company: Geosyntec	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Cooler Temperature(s) °C and Other Remarks:		

Ver: 01/16/2019

Chain of Custody Record

SCV Documentation COC2

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301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Client Information

Client Contact: Mr. Aron Krasnopoler
Company: Geosyntec Consultants, Inc.
Address: 10211 Wincopin Circle 4th Floor
City: Columbia
State, Zip: MD, 21044
Phone: 40-381-4333
Email: akrasnopcler@geosyntec.com
Project Name: Former Sperry Remington Site
Site:

Sampler: M Stelmach
708-248-3888
Lab PM: Dunlap, David A
E-Mail: david.dunlap@testamericainc.com
Carrier Tracking No(s):
COC No: 180-45857-9656.1
Page: Page 2 of 2
Job #:

Due Date Requested:
TAT Requested (days): Standard
PO #: MN08321
WO #:
Project #: 18013464
SSOW#:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV56-0-0.67	4/7/23	1125	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV56-0.67-1.67	4/7/23	1130	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0-0.17	4/7/23	1135	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.17-0.83	4/7/23	1140	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.83-1.83	4/7/23	1145	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP19	4/7/23	--	G	S	N	N	X	X	X	X			6	terracores not received for DUP19 being recollected. D. Dunlap 4/11/23
SSHS-IRM5A2-SCV58-0-0.17	4/7/23	1150	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV58-0.17-0.83	4/7/23	1155	G	S	N	Y	X	X	X	X			16	

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)
Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Mrd	4/7/2023/1630	Geosyntec		4-8-23 0835	EPI Hawk
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

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180-154813 Chain of Custody

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N										
SSHS-IRM5A2-SCV51-0.50-1.50	4/7/23	1030	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV52-0-0.50	4/7/23	1035	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV52-0.50-1.50	4/7/23	1040	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV53-0-0.50	4/7/23	1045	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV53-0.50-1.50	4/7/23	1050	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV54-0-0.17	4/7/23	1055	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV-DUP18	4/7/23	--	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV54-0.17-0.75	4/7/23	1100	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV54-0.75-1.75	4/7/23	1105	G	S	N	N	X	X	X	X	X	X							8	
SSHS-IRM5A2-SCV55-0-0.17	4/7/23	1110	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV55-0.17-1	4/7/23	1115	G	S	N	N	X	X	X	X									6	
SSHS-IRM5A2-SCV55-1-2	4/7/23	1120	G	S	N	N	X	X	X	X									6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Miranda Stelmach	Date/Time: 4/7/23/1630	Company: Geosyntec	Received by: [illegible]	Date/Time: 4-8-23 1092S	Company: EE TSA C
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 117650	Cooler Temperature(s) °C and Other Remarks: 2.5

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6/6/2023

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC2

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV56-0-0.67	4/7/23	1125	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV56-0.67-1.67	4/7/23	1130	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0-0.17	4/7/23	1135	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.17-0.83	4/7/23	1140	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV57-0.83-1.83	4/7/23	1145	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP19	4/7/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV58-0-0.17	4/7/23	1150	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV58-0.17-0.83	4/7/23	1155	G	S	N	Y	X	X	X	X			16	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	4/7/23/1630	Geosyntec		4-8-23 1009	FEDEX
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 117650 | Cooler Temperature(s) °C and Other Remarks: 2.5

Page 16 of 17

6/6/2023

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154813-4

Login Number: 154813
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Aron Krasnopoler
Geosyntec Consultants Inc
10211 Wincopin Circle
4th Floor
Columbia, Maryland 21044

Generated 6/6/2023 4:34:08 PM

JOB DESCRIPTION

Former Sperry Remington-SCV-TCLP Pb

JOB NUMBER

180-154916-4

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Eurofins Pittsburgh

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
David Dunlap, Senior Project Manager
David.Dunlap@et.eurofinsus.com
(412)963-2432

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Case Narrative

Client: Geosyntec Consultants Inc
Job ID: 180-154916-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Job ID: 180-154916-4

Laboratory: Eurofins Pittsburgh

Narrative

Job Narrative
180-154916-4

Comments
TCLP lead only analysis on sample SSHS-IRM5A2-SCV64-0.17-0.92 (180-154916-17) was requested by the client on 5/31/23.

Receipt
The samples were received on 4/12/2023 at the Eurofins Pittsburgh, PA and Sacramento, CA laboratories; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 3.1º C, 3.8º C, 4.3º C, 4.6º C, 4.9º C, 5.6º C and 5.8º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-154916-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154916-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Laboratory: Eurofins Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	04-01-24

Sample Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154916-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	Solid	04/11/23 11:15	04/12/23 09:30

Method Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154916-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Method	Method Description	Protocol	Laboratory
EPA 6010C	Metals (ICP)	SW846	EET PIT
3010A	Preparation, Total Metals	SW846	EET PIT
EPA 1311	TCLP Extraction	SW846	EET PIT

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-154916-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Client Sample ID: SSHS-IRM5A2-SCV64-0.17-0.92
Lab Sample ID: 180-154916-17

Date Collected: 04/11/23 11:15
Matrix: Solid
Date Received: 04/12/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	EPA 1311			100.65 g	2000 mL	436760	06/01/23 16:30	MJC	EET PIT
TCLP	Prep	3010A			5 mL	50 mL	437047	06/06/23 06:26	S1Z	EET PIT
TCLP	Analysis	EPA 6010C		1			437122	06/06/23 11:55	RJR	EET PIT
	Instrument ID: Q									

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: EET PIT

Batch Type: Leach

MJC = Mathew Catanzariti

Batch Type: Prep

S1Z = Sage Ziviello

Batch Type: Analysis

RJR = Ron Rosenbaum

Client Sample Results

Client: Geosyntec Consultants Inc
Job ID: 180-154916-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Client Sample ID: SSHS-IRM5A2-SCV64-0.17-0.92
Lab Sample ID: 180-154916-17
Date Collected: 04/11/23 11:15
Matrix: Solid
Date Received: 04/12/23 09:30

Method: SW846 EPA 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.14	J	0.50	0.044	mg/L		06/06/23 06:26	06/06/23 11:55	1

Method: EPA 6010C - Metals (ICP)

Lab Sample ID: MB 180-437047/1-A
Matrix: Solid
Analysis Batch: 437122

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 437047

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.050	0.0044	mg/L		06/06/23 06:26	06/06/23 11:30	1

Lab Sample ID: LCS 180-437047/2-A
Matrix: Solid
Analysis Batch: 437122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 437047

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.500	0.491		mg/L		98	80 - 120

Lab Sample ID: LCSD 180-437047/3-A
Matrix: Solid
Analysis Batch: 437122

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 437047

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	0.500	0.493		mg/L		99	80 - 120	0	20

Lab Sample ID: LB 180-436760/1-B
Matrix: Solid
Analysis Batch: 437122

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 437047

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50	0.044	mg/L		06/06/23 06:26	06/06/23 11:45	1

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-154916-4
Project/Site: Former Sperry Remington-SCV-TCLP Pb

Metals

Leach Batch: 436760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	TCLP	Solid	EPA 1311	
LB 180-436760/1-B	Method Blank	TCLP	Solid	EPA 1311	

Prep Batch: 437047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	TCLP	Solid	3010A	436760
LB 180-436760/1-B	Method Blank	TCLP	Solid	3010A	436760
MB 180-437047/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 180-437047/2-A	Lab Control Sample	Total/NA	Solid	3010A	
LCSD 180-437047/3-A	Lab Control Sample Dup	Total/NA	Solid	3010A	

Analysis Batch: 437122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-154916-17	SSHS-IRM5A2-SCV64-0.17-0.92	TCLP	Solid	EPA 6010C	437047
LB 180-436760/1-B	Method Blank	TCLP	Solid	EPA 6010C	437047
MB 180-437047/1-A	Method Blank	Total/NA	Solid	EPA 6010C	437047
LCS 180-437047/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010C	437047
LCSD 180-437047/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 6010C	437047

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV58-0.83-1.83	4/11/23	1000	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV59-0-0.17	4/11/23	1005	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV59-0.17-0.83	4/11/23	1010	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV59-0.83-1.83	4/11/23	1015	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV60-0-0.25	4/11/23	1020	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV60-0.25-1.25	4/11/23	1025	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV61-0-0.17	4/11/23	1030	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV61-0.17-0.75	4/11/23	1035	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV61-0.75-1.75	4/11/23	1040	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV-DUP20	4/11/23	--	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV62-0-0.33	4/11/23	1045	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV62-0.33-1.33	4/11/23	1050	G	S	N	N	X	X	X	X			6	

180-154916 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time: 4/11/23/1800	Company: Geosyntec	Received by	Date/Time: 4-12-23 0930	Company EA Hanks
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV63-0-0.17	4/11/23	1055	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV63-0.17-0.75	4/11/23	1100	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV63-0.75-1.75	4/11/23	1105	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV64-0-0.17	4/11/23	1110	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV64-0.17-0.92	4/11/23	1115	G	S	N	N	X	X	X	X			8	
SSHS-IRM5A2-SCV64-0.92-1.92	4/11/23	1120	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV65-0-0.25	4/11/23	1125	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-DUP21	4/11/23	--	G	S	N	N	X	X	X	X			6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Relinquished by:	4/11/23/1800	Geosyntec		4/12/23 0930	
	Relinquished by	Date/Time	Company	Received by	Date/Time:	Company
	Relinquished by	Date/Time	Company	Received by	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No..	Cooler Temperature(s) °C and Other Remarks

Ver: 01/16/2019

6/6/2023

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins Environment Testing TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

180-154916 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N									
SSHS-IRM5A2-SCV58-0.83-1.83	4/11/23	1000	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV59-0-0.17	4/11/23	1005	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV59-0.17-0.83	4/11/23	1010	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV59-0.83-1.83	4/11/23	1015	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV60-0-0.25	4/11/23	1020	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV60-0.25-1.25	4/11/23	1025	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV61-0-0.17	4/11/23	1030	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV61-0.17-0.75	4/11/23	1035	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV61-0.75-1.75	4/11/23	1040	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV-DUP20	4/11/23	--	G	S	N	N	X	X	X	X										6	
SSHS-IRM5A2-SCV62-0-0.33	4/11/23	1045	G	S	N	N	X	X	X	X	X	X								8	
SSHS-IRM5A2-SCV62-0.33-1.33	4/11/23	1050	G	S	N	N	X	X	X	X										6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/11/23 1800	Company: Geosyntec	Received by:	Date/Time: 4/12/23 930	Company: EE Sac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 186254	Cooler Temperature(s) °C and Other Remarks: 4.6

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6/6/2023

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

SCV Documentation COC1

eurofins
Environment Testing
TestAmerica

Client Information	Sampler: M Stelmach	Lab PM: Dunlap, David A	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Mr. Aron Krasnopoler	708-248-3888	E-Mail: david.dunlap@testamericainc.com		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: 10211 Wincopin Circle 4th Floor	Due Date Requested:			
City: Columbia	TAT Requested (days): Standard			
State, Zip: MD, 21044				
Phone: 40-381-4333	PO #: MN0832I			
Email: akrasnopoler@geosyntec.com	WO #:			
Project Name: Former Sperry Remington Site	Project #: 18013464			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	6010C, 7471B - TAL Metals/mercury	8260C VOCs	8270D, SVOCs	537.1 (mod.) - PFAS	537.1 (mod.) - SPLP-E, PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N		
SSHS-IRM5A2-SCV63-0-0.17	4/11/23	1055	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV63-0.17-0.75	4/11/23	1100	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV63-0.75-1.75	4/11/23	1105	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV64-0-0.17	4/11/23	1110	G	S	N	N	X	X	X	X	X	X	8	
SSHS-IRM5A2-SCV64-0.17-0.92	4/11/23	1115	G	S	N	N	X	X	X	X			8	
SSHS-IRM5A2-SCV64-0.92-1.92	4/11/23	1120	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-SCV65-0-0.25	4/11/23	1125	G	S	N	N	X	X	X	X			6	
SSHS-IRM5A2-DUP21	4/11/23	--	G	S	N	N	X	X	X	X			6	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: [signature]	Date/Time: 4/11/23 1600	Company: Geosyntec	Received by: [signature]	Date/Time: 4/12/23 930	Company: EET SAC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.4

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6/6/2023

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-154916-4

Login Number: 154916
List Number: 1
Creator: Dunlap, David A

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Miranda Stelmach
Geosyntec Consultants Inc
111 N. Broadway, Suite C
Green Bay, Wisconsin 54303

Generated 3/17/2026 9:18:12 PM

JOB DESCRIPTION

Former Sperry Remington - NAF SCV

JOB NUMBER

180-202353-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
Gail Lage, Senior Project Manager
Gail.Lage@et.eurofinsus.com
(615)301-5741

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Job Narrative
180-202353-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/4/2026 10:13 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.1°C, 3.4°C, 3.6°C, 4.1°C and 4.1°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method EPA 8082A: The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: SSHS-IRM5A2-SCV135-0-0.17 (180-202353-3), SSHS-IRM5A2-SCV135-0.17-1 (180-202353-4), (LCS 180-510835/2-A), (MB 180-510835/1-A), (180-202357-B-6-D), (180-202357-B-6-C MS) and (180-202357-C-6-B MSD).6215174

Method EPA 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SSHS-IRM5A2-SCV135-0-0.17 (180-202353-3), SSHS-IRM5A2-SCV135-0.17-1 (180-202353-4), (LCS 180-510835/2-A), (MB 180-510835/1-A), (180-202357-B-6-D), (180-202357-B-6-C MS) and (180-202357-C-6-B MSD).6648760 6513163

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Laboratory: Eurofins Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	03-31-26

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
EPA 8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture

Sample Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
180-202353-1	SSHS-IRM5A2-SCV134-0.5-1	Solid	03/02/26 14:20	03/04/26 10:13	New York
180-202353-2	SSHS-IRM5A2-SCV-DUP-02	Solid	03/02/26 00:00	03/04/26 10:13	New York
180-202353-3	SSHS-IRM5A2-SCV135-0-0.17	Solid	03/02/26 14:30	03/04/26 10:13	New York
180-202353-4	SSHS-IRM5A2-SCV135-0.17-1	Solid	03/02/26 14:35	03/04/26 10:13	New York
180-202353-5	SSHS-IRM5A2-SCV135-0.5-1	Solid	03/02/26 14:35	03/04/26 10:13	New York

Method Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
EPA 6010D	Metals (ICP)	SW846	ELLE
EPA 7471B	Mercury (CVAA)	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
3050B	Preparation, Metals	SW846	ELLE
3541	Automated Soxhlet Extraction	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV134-0.5-1
Lab Sample ID: 180-202353-1
Date Collected: 03/02/26 14:20
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV134-0.5-1
Lab Sample ID: 180-202353-1
Date Collected: 03/02/26 14:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.257 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781565	03/12/26 14:09	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-02
Lab Sample ID: 180-202353-2
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-02
Lab Sample ID: 180-202353-2
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.502 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781565	03/12/26 14:32	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV135-0-0.17
Lab Sample ID: 180-202353-3
Date Collected: 03/02/26 14:30
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV135-0-0.17
Lab Sample ID: 180-202353-3
Date Collected: 03/02/26 14:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.03 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 13:28	VVP	EET PIT
	Instrument ID: CH71									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV135-0-0.17
Lab Sample ID: 180-202353-3
Date Collected: 03/02/26 14:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.49 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 07:26	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.53 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:52	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.64 g	100 mL	778104	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 19:25	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV135-0.17-1
Lab Sample ID: 180-202353-4
Date Collected: 03/02/26 14:35
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV135-0.17-1
Lab Sample ID: 180-202353-4
Date Collected: 03/02/26 14:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.32 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 13:49	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.13 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 07:43	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.55 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:55	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.60 g	100 mL	778104	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 19:27	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV135-0.5-1
Lab Sample ID: 180-202353-5
Date Collected: 03/02/26 14:35
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV135-0.5-1
Lab Sample ID: 180-202353-5
Date Collected: 03/02/26 14:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.723 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781565	03/12/26 14:56	ULCP	ELLE
	Instrument ID: 21547									

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Analyst References:

Lab: EET PIT

Batch Type: Prep

DVC = Daniel Capodanno

SAB = Sharon Bacha

Batch Type: Analysis

JMO = John Oravec

VVP = Vincent Piccolino

Lab: ELLE

Batch Type: Prep

HNC4 = Mindy Schantzenbach

PV7W = Trinity Breneman

RFN5 = Aniyah Oxendine

Batch Type: Analysis

IJ3I = Elizabeth Brittingham

T8CQ = Sera Bargo

ULCP = Linda Pape

VGDO = Carlos Lebron-Marte

Client Sample ID: SSHS-IRM5A2-SCV134-0.5-1
Lab Sample ID: 180-202353-1
Date Collected: 03/02/26 14:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 90.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,1,2,2-Tetrachloroethane	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,1,2-Trichloroethane	ND		3.8	0.53	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,1-Dichloroethane	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,1-Dichloroethene	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,2,3-Trichlorobenzene	ND		7.6	3.8	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,2,4-Trichlorobenzene	ND		7.6	3.8	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,2-Dibromo-3-Chloropropane	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,2-Dibromoethane	ND		3.8	0.53	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,2-Dichlorobenzene	ND		3.8	0.69	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,2-Dichloroethane	ND		3.8	0.46	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,2-Dichloroethene, Total	ND		7.6	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,2-Dichloropropane	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,3-Dichlorobenzene	ND		3.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,4-Dichlorobenzene	ND		3.8	0.69	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,4-Dioxane	ND		190	28	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
2-Butanone (MEK)	ND		7.6	1.5	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
2-Hexanone	ND		7.6	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
4-Methyl-2-pentanone (MIBK)	ND		7.6	1.5	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Acetone	ND		15	4.6	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Benzene	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Chlorobromomethane	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Dichlorobromomethane	ND		3.8	0.53	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Bromoform	ND		7.6	3.8	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Bromomethane	ND		3.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Carbon disulfide	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Carbon tetrachloride	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Chlorobenzene	ND		3.8	0.69	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Chloroethane	ND		3.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Chloroform	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Chloromethane	ND		3.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
cis-1,2-Dichloroethene	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
cis-1,3-Dichloropropene	ND		3.8	0.46	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Cyclohexane	ND		3.8	0.69	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Chlorodibromomethane	ND		3.8	0.38	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Dichlorodifluoromethane	ND		3.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Ethylbenzene	ND		3.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.6	0.69	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Isopropylbenzene	ND		3.8	1.1	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
m-Xylene & p-Xylene	ND		3.8	1.5	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Methyl acetate	**1.1**	**J**	3.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Methyl tert-butyl ether	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Methylcyclohexane	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Methylene Chloride	**3.6**	**J**	3.8	1.5	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
o-Xylene	ND		3.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Styrene	ND		3.8	0.69	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Tetrachloroethene	ND		3.8	1.1	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Toluene	ND		3.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
trans-1,2-Dichloroethene	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV134-0.5-1
Lab Sample ID: 180-202353-1
Date Collected: 03/02/26 14:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 90.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		3.8	0.46	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Trichloroethene	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Trichlorofluoromethane	ND		3.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Vinyl chloride	ND		3.8	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1
Xylenes, Total	ND		7.6	0.53	ug/Kg	☼	03/04/26 10:23	03/12/26 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*	*03/04/26 10:23*	*03/12/26 14:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*03/04/26 10:23*	*03/12/26 14:09*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*03/04/26 10:23*	*03/12/26 14:09*	*1*
Toluene-d8 (Surr)	*95*		*52 - 141*	*03/04/26 10:23*	*03/12/26 14:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**9.7**		1.0	1.0	%			03/05/26 02:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-02
Lab Sample ID: 180-202353-2
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 89.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,1,2,2-Tetrachloroethane	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,1,2-Trichloroethane	ND		3.7	0.52	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,1-Dichloroethane	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,1-Dichloroethene	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,2,3-Trichlorobenzene	ND		7.4	3.7	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,2,4-Trichlorobenzene	ND		7.4	3.7	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,2-Dibromo-3-Chloropropane	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,2-Dibromoethane	ND		3.7	0.52	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,2-Dichlorobenzene	ND		3.7	0.67	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,2-Dichloroethane	ND		3.7	0.45	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,2-Dichloroethene, Total	ND		7.4	0.74	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,2-Dichloropropane	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,3-Dichlorobenzene	ND		3.7	0.74	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,4-Dichlorobenzene	ND		3.7	0.67	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,4-Dioxane	ND		190	28	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
2-Butanone (MEK)	ND		7.4	1.5	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
2-Hexanone	ND		7.4	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
4-Methyl-2-pentanone (MIBK)	ND		7.4	1.5	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Acetone	ND		15	4.5	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Benzene	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Chlorobromomethane	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Dichlorobromomethane	ND		3.7	0.52	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Bromoform	ND		7.4	3.7	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Bromomethane	ND		3.7	0.74	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Carbon disulfide	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Carbon tetrachloride	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Chlorobenzene	ND		3.7	0.67	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Chloroethane	ND		3.7	0.74	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Chloroform	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Chloromethane	ND		3.7	0.74	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
cis-1,2-Dichloroethene	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
cis-1,3-Dichloropropene	ND		3.7	0.45	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Cyclohexane	ND		3.7	0.67	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Chlorodibromomethane	ND		3.7	0.37	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Dichlorodifluoromethane	ND		3.7	0.74	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Ethylbenzene	ND		3.7	0.74	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.4	0.67	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Isopropylbenzene	ND		3.7	1.1	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
m-Xylene & p-Xylene	ND		3.7	1.5	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Methyl acetate	**2.9**	**J**	3.7	0.74	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Methyl tert-butyl ether	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Methylcyclohexane	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Methylene Chloride	**3.4**	**J**	3.7	1.5	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
o-Xylene	ND		3.7	0.74	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Styrene	ND		3.7	0.67	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Tetrachloroethene	ND		3.7	1.1	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Toluene	ND		3.7	0.74	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
trans-1,2-Dichloroethene	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-02
Lab Sample ID: 180-202353-2
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 89.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		3.7	0.45	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Trichloroethene	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Trichlorofluoromethane	ND		3.7	0.74	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Vinyl chloride	ND		3.7	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1
Xylenes, Total	ND		7.4	0.52	ug/Kg	☼	03/04/26 10:23	03/12/26 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*03/04/26 10:23*	*03/12/26 14:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*03/04/26 10:23*	*03/12/26 14:32*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*03/04/26 10:23*	*03/12/26 14:32*	*1*
Toluene-d8 (Surr)	*96*		*52 - 141*	*03/04/26 10:23*	*03/12/26 14:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.5**		1.0	1.0	%			03/05/26 02:03	1

Client Sample ID: SSHS-IRM5A2-SCV135-0-0.17
Lab Sample ID: 180-202353-3
Date Collected: 03/02/26 14:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Acenaphthylene	ND		76	17	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Acetophenone	ND		760	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Anthracene	ND		76	20	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Atrazine	ND		760	170	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Benzo[a]anthracene	ND		76	34	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Benzo[a]pyrene	ND		76	33	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Benzo[b]fluoranthene	**33**	**J**	76	19	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Benzo[g,h,i]perylene	ND		76	16	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Benzo[k]fluoranthene	ND		76	23	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Carbazole	ND		76	18	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Chrysene	ND		76	42	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Di-n-butyl phthalate	ND		3700	790	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2,4-Dinitrotoluene	ND		370	230	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Fluoranthene	**51**	**J**	76	20	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Fluorene	ND		76	15	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Indeno[1,2,3-cd]pyrene	ND		76	38	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1

Client Sample ID: SSHS-IRM5A2-SCV135-0-0.17
Lab Sample ID: 180-202353-3

Date Collected: 03/02/26 14:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Naphthalene	ND		76	15	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Phenanthrene	ND		76	20	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
Pyrene	**40**	**J**	76	27	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*03/04/26 12:54*	*03/05/26 13:28*	*1*
2-Fluorophenol (Surr)	*65*		*48 - 105*	*03/04/26 12:54*	*03/05/26 13:28*	*1*
Nitrobenzene-d5 (Surr)	*62*		*46 - 105*	*03/04/26 12:54*	*03/05/26 13:28*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*03/04/26 12:54*	*03/05/26 13:28*	*1*
Terphenyl-d14 (Surr)	*73*		*39 - 105*	*03/04/26 12:54*	*03/05/26 13:28*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*34 - 108*	*03/04/26 12:54*	*03/05/26 13:28*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	03/04/26 13:14	03/05/26 07:26	1
PCB-1221	ND		18	6.5	ug/Kg	☼	03/04/26 13:14	03/05/26 07:26	1
PCB-1232	ND		18	4.5	ug/Kg	☼	03/04/26 13:14	03/05/26 07:26	1
PCB-1242	ND		18	2.7	ug/Kg	☼	03/04/26 13:14	03/05/26 07:26	1
PCB-1248	ND		18	4.4	ug/Kg	☼	03/04/26 13:14	03/05/26 07:26	1
PCB-1254	ND		18	5.5	ug/Kg	☼	03/04/26 13:14	03/05/26 07:26	1
PCB-1260	ND		18	5.2	ug/Kg	☼	03/04/26 13:14	03/05/26 07:26	1
PCB-1262	ND		18	6.4	ug/Kg	☼	03/04/26 13:14	03/05/26 07:26	1
PCB-1268	ND		18	2.5	ug/Kg	☼	03/04/26 13:14	03/05/26 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*77*		*26 - 142*	*03/04/26 13:14*	*03/05/26 07:26*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*26 - 142*	*03/04/26 13:14*	*03/05/26 07:26*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/04/26 13:14*	*03/05/26 07:26*	*1*
Tetrachloro-m-xylene (Surr)	*98*		*17 - 144*	*03/04/26 13:14*	*03/05/26 07:26*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.4	1.8	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Aluminum	**12000**		32	9.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV135-0-0.17
Lab Sample ID: 180-202353-3
Date Collected: 03/02/26 14:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.0

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		5.4	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Barium	77		0.54	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Beryllium	0.49	J	0.54	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Cadmium	0.24	J	0.54	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Calcium	21000		54	23	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Chromium	16		1.6	0.64	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Cobalt	8.6		0.54	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Copper	24		2.1	0.83	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Iron	23000		21	8.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Lead	16		1.6	0.64	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Magnesium	5800		21	4.3	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Manganese	430		1.1	0.43	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Nickel	21		1.1	0.43	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Potassium	1400		110	38	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Selenium	ND		5.4	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Silver	ND		1.1	0.43	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Sodium	62	J	110	43	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Zinc	82		2.1	0.86	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1
Vanadium	17		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:52	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.069		0.064	0.021	mg/Kg	☼	03/06/26 14:17	03/06/26 19:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.0		1.0	1.0	%			03/05/26 02:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV135-0.17-1
Lab Sample ID: 180-202353-4
Date Collected: 03/02/26 14:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Acenaphthylene	ND		76	17	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Acetophenone	ND		760	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Anthracene	ND		76	20	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Atrazine	ND		760	170	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Benzo[a]anthracene	ND		76	34	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Benzo[a]pyrene	ND		76	33	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Benzo[b]fluoranthene	**24**	**J**	76	19	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Benzo[g,h,i]perylene	ND		76	16	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Benzo[k]fluoranthene	ND		76	23	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Carbazole	ND		76	18	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Chrysene	ND		76	42	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Di-n-butyl phthalate	ND		3700	790	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2,4-Dinitrotoluene	ND		370	230	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Fluoranthene	**43**	**J**	76	20	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Fluorene	ND		76	15	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Indeno[1,2,3-cd]pyrene	ND		76	38	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1

Client Sample ID: SSHS-IRM5A2-SCV135-0.17-1
Lab Sample ID: 180-202353-4
Date Collected: 03/02/26 14:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Naphthalene	ND		76	15	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Phenanthrene	ND		76	20	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
Pyrene	**35**	**J**	76	27	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*44 - 105*	*03/04/26 12:54*	*03/05/26 13:49*	*1*
2-Fluorophenol (Surr)	*70*		*48 - 105*	*03/04/26 12:54*	*03/05/26 13:49*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*03/04/26 12:54*	*03/05/26 13:49*	*1*
Phenol-d5 (Surr)	*71*		*46 - 105*	*03/04/26 12:54*	*03/05/26 13:49*	*1*
Terphenyl-d14 (Surr)	*82*		*39 - 105*	*03/04/26 12:54*	*03/05/26 13:49*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*34 - 108*	*03/04/26 12:54*	*03/05/26 13:49*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/04/26 13:14	03/05/26 07:43	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/04/26 13:14	03/05/26 07:43	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/04/26 13:14	03/05/26 07:43	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:14	03/05/26 07:43	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 07:43	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 13:14	03/05/26 07:43	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 13:14	03/05/26 07:43	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/04/26 13:14	03/05/26 07:43	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 13:14	03/05/26 07:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*61*		*26 - 142*	*03/04/26 13:14*	*03/05/26 07:43*	*1*
DCB Decachlorobiphenyl (Surr)	*64*		*26 - 142*	*03/04/26 13:14*	*03/05/26 07:43*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*17 - 144*	*03/04/26 13:14*	*03/05/26 07:43*	*1*
Tetrachloro-m-xylene (Surr)	*76*		*17 - 144*	*03/04/26 13:14*	*03/05/26 07:43*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.3	1.8	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Aluminum	**11000**		32	9.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1

Client Sample ID: SSHS-IRM5A2-SCV135-0.17-1
Lab Sample ID: 180-202353-4

Date Collected: 03/02/26 14:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.3

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		5.3	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Barium	120		0.53	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Beryllium	0.46	J	0.53	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Cadmium	0.31	J	0.53	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Calcium	24000		53	22	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Chromium	15		1.6	0.63	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Cobalt	8.2		0.53	0.15	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Copper	29		2.1	0.81	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Iron	22000		21	8.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Lead	16		1.6	0.63	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Magnesium	5500		21	4.2	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Manganese	730		1.1	0.42	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Nickel	20		1.1	0.42	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Potassium	1200		110	37	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Selenium	ND		5.3	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Silver	ND		1.1	0.42	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Sodium	60	J	110	42	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Zinc	75		2.1	0.84	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1
Vanadium	16		1.1	0.45	mg/Kg	☼	03/06/26 09:15	03/06/26 20:55	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053	J	0.070	0.023	mg/Kg	☼	03/06/26 14:17	03/06/26 19:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.7		1.0	1.0	%			03/05/26 02:03	1

Client Sample ID: SSHS-IRM5A2-SCV135-0.5-1
Date Collected: 03/02/26 14:35
Date Received: 03/04/26 10:13

Lab Sample ID: 180-202353-5
Matrix: Solid
Percent Solids: 87.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,1,2-Trichloroethane	ND		4.2	0.59	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,1-Dichloroethane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,1-Dichloroethene	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,2,3-Trichlorobenzene	ND		8.5	4.2	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,2,4-Trichlorobenzene	ND		8.5	4.2	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,2-Dibromo-3-Chloropropane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,2-Dibromoethane	ND		4.2	0.59	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,2-Dichlorobenzene	ND		4.2	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,2-Dichloroethane	ND		4.2	0.51	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,2-Dichloroethene, Total	ND		8.5	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,2-Dichloropropane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,3-Dichlorobenzene	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,4-Dichlorobenzene	ND		4.2	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,4-Dioxane	ND		210	31	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
2-Butanone (MEK)	ND		8.5	1.7	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
2-Hexanone	ND		8.5	2.1	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
4-Methyl-2-pentanone (MIBK)	ND		8.5	1.7	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Acetone	**19**		17	5.1	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Benzene	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Chlorobromomethane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Dichlorobromomethane	ND		4.2	0.59	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Bromoform	ND		8.5	4.2	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Bromomethane	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Carbon disulfide	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Carbon tetrachloride	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Chlorobenzene	ND		4.2	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Chloroethane	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Chloroform	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Chloromethane	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
cis-1,2-Dichloroethene	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
cis-1,3-Dichloropropene	ND		4.2	0.51	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Cyclohexane	ND		4.2	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Chlorodibromomethane	ND		4.2	0.42	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Dichlorodifluoromethane	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Ethylbenzene	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Isopropylbenzene	ND		4.2	1.3	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
m-Xylene & p-Xylene	ND		4.2	1.7	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Methyl acetate	**71**		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Methyl tert-butyl ether	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Methylcyclohexane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Methylene Chloride	**3.8**	**J**	4.2	1.7	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
o-Xylene	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Styrene	ND		4.2	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Tetrachloroethene	ND		4.2	1.3	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Toluene	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
trans-1,2-Dichloroethene	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV135-0.5-1
Lab Sample ID: 180-202353-5
Date Collected: 03/02/26 14:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		4.2	0.51	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Trichloroethene	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Trichlorofluoromethane	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Vinyl chloride	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1
Xylenes, Total	ND		8.5	0.59	ug/Kg	☼	03/04/26 10:23	03/12/26 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*50 - 131*	*03/04/26 10:23*	*03/12/26 14:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*	*03/04/26 10:23*	*03/12/26 14:56*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*03/04/26 10:23*	*03/12/26 14:56*	*1*
Toluene-d8 (Surr)	*99*		*52 - 141*	*03/04/26 10:23*	*03/12/26 14:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.4		1.0	1.0	%			03/05/26 02:03	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-781565/7
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/12/26 10:36	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/12/26 10:36	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/12/26 10:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/12/26 10:36	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/12/26 10:36	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/12/26 10:36	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
1,4-Dioxane	ND		250	37	ug/Kg			03/12/26 10:36	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/12/26 10:36	1
2-Hexanone	ND		10	2.5	ug/Kg			03/12/26 10:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/12/26 10:36	1
Acetone	ND		20	6.0	ug/Kg			03/12/26 10:36	1
Benzene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/12/26 10:36	1
Bromoform	ND		10	5.0	ug/Kg			03/12/26 10:36	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Chloroform	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/12/26 10:36	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/12/26 10:36	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/12/26 10:36	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/12/26 10:36	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/12/26 10:36	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/12/26 10:36	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Styrene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/12/26 10:36	1
Toluene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-781565/7
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/12/26 10:36	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/12/26 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*		*03/12/26 10:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*		*03/12/26 10:36*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 141*		*03/12/26 10:36*	*1*
Toluene-d8 (Surr)	*94*		*52 - 141*		*03/12/26 10:36*	*1*

Lab Sample ID: LCS 410-781565/4
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	17.6		ug/Kg		88	69 - 123
1,1,2,2-Tetrachloroethane	20.0	19.2		ug/Kg		96	69 - 125
1,1,2-Trichloroethane	20.0	19.5		ug/Kg		98	76 - 120
1,1-Dichloroethane	20.0	19.8		ug/Kg		99	76 - 120
1,1-Dichloroethene	20.0	21.2		ug/Kg		106	73 - 129
1,2,3-Trichlorobenzene	20.0	16.0		ug/Kg		80	64 - 123
1,2,4-Trichlorobenzene	20.0	16.4		ug/Kg		82	69 - 124
1,2-Dibromo-3-Chloropropane	20.0	14.7		ug/Kg		73	61 - 120
1,2-Dibromoethane	20.0	18.1		ug/Kg		91	76 - 120
1,2-Dichlorobenzene	20.0	17.6		ug/Kg		88	74 - 120
1,2-Dichloroethane	20.0	18.2		ug/Kg		91	72 - 124
1,2-Dichloroethene, Total	40.0	39.0		ug/Kg		98	74 - 120
1,2-Dichloropropane	20.0	20.6		ug/Kg		103	70 - 124
1,3-Dichlorobenzene	20.0	17.0		ug/Kg		85	75 - 120
1,4-Dichlorobenzene	20.0	17.8		ug/Kg		89	76 - 122
1,4-Dioxane	500	524		ug/Kg		105	41 - 177
2-Butanone (MEK)	250	231		ug/Kg		92	62 - 132
2-Hexanone	250	225		ug/Kg		90	64 - 140
4-Methyl-2-pentanone (MIBK)	250	245		ug/Kg		98	67 - 138
Acetone	250	273		ug/Kg		109	52 - 142
Benzene	20.0	20.0		ug/Kg		100	80 - 120
Chlorobromomethane	20.0	18.9		ug/Kg		94	79 - 124
Dichlorobromomethane	20.0	19.1		ug/Kg		95	77 - 120
Bromoform	20.0	16.1		ug/Kg		80	66 - 127
Bromomethane	20.0	19.5		ug/Kg		98	60 - 126
Carbon disulfide	20.0	17.7		ug/Kg		89	56 - 125
Carbon tetrachloride	20.0	16.7		ug/Kg		83	70 - 120
Chlorobenzene	20.0	17.8		ug/Kg		89	74 - 120
Chloroethane	20.0	20.8		ug/Kg		104	55 - 127
Chloroform	20.0	18.8		ug/Kg		94	73 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-781565/4
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	20.0	20.5		ug/Kg		103	50 - 120
cis-1,2-Dichloroethene	20.0	19.7		ug/Kg		98	80 - 125
cis-1,3-Dichloropropene	20.0	18.7		ug/Kg		93	73 - 120
Cyclohexane	20.0	18.8		ug/Kg		94	58 - 120
Chlorodibromomethane	20.0	16.8		ug/Kg		84	77 - 125
Dichlorodifluoromethane	20.0	17.9		ug/Kg		90	44 - 120
Ethylbenzene	20.0	18.2		ug/Kg		91	72 - 118
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.4		ug/Kg		92	53 - 126
Isopropylbenzene	20.0	17.8		ug/Kg		89	77 - 134
m-Xylene & p-Xylene	40.0	35.4		ug/Kg		88	80 - 120
Methyl acetate	20.0	19.2		ug/Kg		96	59 - 137
Methyl tert-butyl ether	20.0	17.6		ug/Kg		88	63 - 120
Methylcyclohexane	20.0	18.1		ug/Kg		90	61 - 124
Methylene Chloride	20.0	20.7		ug/Kg		104	76 - 122
o-Xylene	20.0	17.7		ug/Kg		89	75 - 120
Styrene	20.0	17.8		ug/Kg		89	76 - 120
Tetrachloroethene	20.0	16.3		ug/Kg		81	73 - 120
Toluene	20.0	18.1		ug/Kg		90	71 - 120
trans-1,2-Dichloroethene	20.0	19.3		ug/Kg		96	71 - 126
trans-1,3-Dichloropropene	20.0	18.0		ug/Kg		90	76 - 122
Trichloroethene	20.0	18.7		ug/Kg		94	72 - 120
Trichlorofluoromethane	20.0	14.0		ug/Kg		70	58 - 120
Vinyl chloride	20.0	19.6		ug/Kg		98	52 - 120
Xylenes, Total	60.0	53.1		ug/Kg		89	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*50 - 131*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*
Dibromofluoromethane (Surr)	*97*		*50 - 141*
Toluene-d8 (Surr)	*94*		*52 - 141*

Lab Sample ID: LCSD 410-781565/5
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	17.4		ug/Kg		87	69 - 123	1	30
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/Kg		97	69 - 125	1	30
1,1,2-Trichloroethane	20.0	19.5		ug/Kg		98	76 - 120	0	30
1,1-Dichloroethane	20.0	19.8		ug/Kg		99	76 - 120	0	30
1,1-Dichloroethene	20.0	20.8		ug/Kg		104	73 - 129	2	30
1,2,3-Trichlorobenzene	20.0	16.1		ug/Kg		81	64 - 123	1	30
1,2,4-Trichlorobenzene	20.0	16.8		ug/Kg		84	69 - 124	2	30
1,2-Dibromo-3-Chloropropane	20.0	14.5		ug/Kg		73	61 - 120	1	30
1,2-Dibromoethane	20.0	18.6		ug/Kg		93	76 - 120	3	30
1,2-Dichlorobenzene	20.0	17.9		ug/Kg		90	74 - 120	2	30
1,2-Dichloroethane	20.0	18.6		ug/Kg		93	72 - 124	2	30
1,2-Dichloroethene, Total	40.0	39.5		ug/Kg		99	74 - 120	1	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-781565/5
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloropropane			20.0	20.6		ug/Kg		103	70 - 124	0	30
1,3-Dichlorobenzene			20.0	17.6		ug/Kg		88	75 - 120	3	30
1,4-Dichlorobenzene			20.0	18.1		ug/Kg		91	76 - 122	2	30
1,4-Dioxane			500	531		ug/Kg		106	41 - 177	1	30
2-Butanone (MEK)			250	225		ug/Kg		90	62 - 132	3	30
2-Hexanone			250	223		ug/Kg		89	64 - 140	1	30
4-Methyl-2-pentanone (MIBK)			250	240		ug/Kg		96	67 - 138	2	30
Acetone			250	296		ug/Kg		119	52 - 142	8	30
Benzene			20.0	20.1		ug/Kg		101	80 - 120	1	30
Chlorobromomethane			20.0	19.0		ug/Kg		95	79 - 124	1	30
Dichlorobromomethane			20.0	19.6		ug/Kg		98	77 - 120	2	30
Bromoform			20.0	16.3		ug/Kg		82	66 - 127	1	30
Bromomethane			20.0	19.4		ug/Kg		97	60 - 126	1	30
Carbon disulfide			20.0	17.8		ug/Kg		89	56 - 125	1	30
Carbon tetrachloride			20.0	16.6		ug/Kg		83	70 - 120	1	30
Chlorobenzene			20.0	17.9		ug/Kg		90	74 - 120	1	30
Chloroethane			20.0	20.1		ug/Kg		101	55 - 127	3	30
Chloroform			20.0	19.1		ug/Kg		96	73 - 120	2	30
Chloromethane			20.0	20.9		ug/Kg		104	50 - 120	2	30
cis-1,2-Dichloroethene			20.0	20.0		ug/Kg		100	80 - 125	1	30
cis-1,3-Dichloropropene			20.0	19.2		ug/Kg		96	73 - 120	3	30
Cyclohexane			20.0	18.9		ug/Kg		94	58 - 120	0	30
Chlorodibromomethane			20.0	17.4		ug/Kg		87	77 - 125	4	30
Dichlorodifluoromethane			20.0	17.8		ug/Kg		89	44 - 120	1	30
Ethylbenzene			20.0	18.3		ug/Kg		92	72 - 118	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	18.1		ug/Kg		91	53 - 126	1	30
Isopropylbenzene			20.0	17.9		ug/Kg		90	77 - 134	1	30
m-Xylene & p-Xylene			40.0	35.6		ug/Kg		89	80 - 120	1	30
Methyl acetate			20.0	18.6		ug/Kg		93	59 - 137	3	30
Methyl tert-butyl ether			20.0	17.7		ug/Kg		89	63 - 120	1	30
Methylcyclohexane			20.0	18.2		ug/Kg		91	61 - 124	1	30
Methylene Chloride			20.0	20.5		ug/Kg		102	76 - 122	1	30
o-Xylene			20.0	17.9		ug/Kg		89	75 - 120	1	30
Styrene			20.0	18.2		ug/Kg		91	76 - 120	2	30
Tetrachloroethene			20.0	16.5		ug/Kg		82	73 - 120	1	30
Toluene			20.0	18.4		ug/Kg		92	71 - 120	2	30
trans-1,2-Dichloroethene			20.0	19.5		ug/Kg		98	71 - 126	1	30
trans-1,3-Dichloropropene			20.0	18.4		ug/Kg		92	76 - 122	2	30
Trichloroethene			20.0	19.0		ug/Kg		95	72 - 120	1	30
Trichlorofluoromethane			20.0	13.8		ug/Kg		69	58 - 120	2	30
Vinyl chloride			20.0	19.8		ug/Kg		99	52 - 120	1	30
Xylenes, Total			60.0	53.5		ug/Kg		89	75 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*
Dibromofluoromethane (Surr)	*97*		*50 - 141*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-781565/5
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	95		52 - 141

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-510833/1-A
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Acenaphthylene	ND		67	15	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Acetophenone	ND		670	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Anthracene	ND		67	17	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Atrazine	ND		670	150	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Benzaldehyde	ND		670	41	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Benzo[a]anthracene	ND		67	30	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Benzo[a]pyrene	ND		67	29	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
1,1'-Biphenyl	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Bis(2-chloroethyl)ether	ND		67	21	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Butyl benzyl phthalate	ND		1700	230	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Caprolactam	ND		1700	220	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Carbazole	ND		67	16	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4-Chloroaniline	ND		330	88	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2-Chloronaphthalene	ND		67	15	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2-Chlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Chrysene	ND		67	37	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Dibenzofuran	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,4-Dichlorophenol	ND		67	26	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Diethyl phthalate	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Dimethyl phthalate	ND		670	370	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Di-n-butyl phthalate	ND		3300	690	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
1,4-Dioxane	ND		670	210	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Fluoranthene	ND		67	18	ug/Kg		03/04/26 05:24	03/05/26 08:48	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-510833/1-A
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		67	13	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Hexachlorobenzene	ND		67	24	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Hexachlorobutadiene	ND		67	20	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Hexachlorocyclopentadiene	ND		330	90	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Hexachloroethane	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Isophorone	ND		330	130	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2-Methylnaphthalene	ND		67	16	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2-Methylphenol	ND		330	96	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Naphthalene	ND		67	13	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2-Nitroaniline	ND		1700	150	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
3-Nitroaniline	ND		1700	85	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4-Nitroaniline	ND		1700	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Nitrobenzene	ND		670	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2-Nitrophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4-Nitrophenol	ND		1700	230	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Pentachlorophenol	ND		1700	540	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Phenanthrene	ND		67	18	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Phenol	ND		330	100	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Pyrene	ND		67	24	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 08:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*03/04/26 05:24*	*03/05/26 08:48*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*03/04/26 05:24*	*03/05/26 08:48*	*1*
Nitrobenzene-d5 (Surr)	*61*		*46 - 105*	*03/04/26 05:24*	*03/05/26 08:48*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*03/04/26 05:24*	*03/05/26 08:48*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*03/04/26 05:24*	*03/05/26 08:48*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*34 - 108*	*03/04/26 05:24*	*03/05/26 08:48*	*1*

Lab Sample ID: LCS 180-510833/2-A
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	4840		ug/Kg		73	50 - 100
Acenaphthylene	6670	4660		ug/Kg		70	52 - 100
Acetophenone	6670	4850		ug/Kg		73	48 - 100
Anthracene	6670	4620		ug/Kg		69	53 - 100
Atrazine	6670	5340		ug/Kg		80	49 - 103
Benzaldehyde	6670	2720		ug/Kg		41	23 - 105

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510833/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510864
Prep Batch: 510833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	6670	4750		ug/Kg		71	51 - 100
Benzo[a]pyrene	6670	4690		ug/Kg		70	51 - 100
Benzo[b]fluoranthene	6670	4460		ug/Kg		67	48 - 100
Benzo[g,h,i]perylene	6670	5170		ug/Kg		78	48 - 105
Benzo[k]fluoranthene	6670	5060		ug/Kg		76	19 - 100
1,1'-Biphenyl	6670	4600		ug/Kg		69	50 - 100
Bis(2-chloroethoxy)methane	6670	4690		ug/Kg		70	49 - 100
Bis(2-chloroethyl)ether	6670	4330		ug/Kg		65	48 - 100
Bis(2-ethylhexyl) phthalate	6670	4260		ug/Kg		64	53 - 107
4-Bromophenyl phenyl ether	6670	5160		ug/Kg		77	52 - 101
Butyl benzyl phthalate	6670	4320		ug/Kg		65	52 - 107
Caprolactam	6670	6610		ug/Kg		99	48 - 111
Carbazole	6670	4890		ug/Kg		73	53 - 100
4-Chloroaniline	6670	5100		ug/Kg		77	47 - 100
4-Chloro-3-methylphenol	6670	5490		ug/Kg		82	49 - 106
2-Chloronaphthalene	6670	4450		ug/Kg		67	51 - 100
2-Chlorophenol	6670	4910		ug/Kg		74	51 - 100
4-Chlorophenyl phenyl ether	6670	5580		ug/Kg		84	52 - 100
Chrysene	6670	4910		ug/Kg		74	50 - 100
Dibenz(a,h)anthracene	6670	5090		ug/Kg		76	50 - 107
Dibenzofuran	6670	4980		ug/Kg		75	52 - 100
3,3'-Dichlorobenzidine	6670	5050		ug/Kg		76	43 - 100
2,4-Dichlorophenol	6670	5290		ug/Kg		79	53 - 101
Diethyl phthalate	6670	5240		ug/Kg		79	48 - 104
2,4-Dimethylphenol	6670	5080		ug/Kg		76	51 - 101
Dimethyl phthalate	6670	5350		ug/Kg		80	53 - 100
Di-n-butyl phthalate	6670	4820		ug/Kg		72	57 - 102
4,6-Dinitro-2-methylphenol	13300	11500		ug/Kg		87	51 - 100
2,4-Dinitrophenol	13300	13100		ug/Kg		98	33 - 101
2,4-Dinitrotoluene	6670	6020		ug/Kg		90	54 - 104
2,6-Dinitrotoluene	6670	5300		ug/Kg		80	51 - 106
Di-n-octyl phthalate	6670	3820		ug/Kg		57	41 - 106
1,4-Dioxane	6670	4450		ug/Kg		67	25 - 125
Fluoranthene	6670	5720		ug/Kg		86	55 - 100
Fluorene	6670	5030		ug/Kg		75	52 - 100
Hexachlorobenzene	6670	5070		ug/Kg		76	49 - 100
Hexachlorobutadiene	6670	5770		ug/Kg		86	38 - 107
Hexachlorocyclopentadiene	6670	3990		ug/Kg		60	33 - 117
Hexachloroethane	6670	4300		ug/Kg		64	47 - 100
Indeno[1,2,3-cd]pyrene	6670	5080		ug/Kg		76	51 - 103
Isophorone	6670	5120		ug/Kg		77	48 - 105
2-Methylnaphthalene	6670	5390		ug/Kg		81	53 - 100
2-Methylphenol	6670	4960		ug/Kg		74	50 - 101
Methylphenol, 3 & 4	6670	5210		ug/Kg		78	50 - 103
Naphthalene	6670	4960		ug/Kg		74	51 - 100
2-Nitroaniline	6670	4830		ug/Kg		72	42 - 123
3-Nitroaniline	6670	5200		ug/Kg		78	50 - 103
4-Nitroaniline	6670	5790		ug/Kg		87	52 - 103
Nitrobenzene	6670	4670		ug/Kg		70	44 - 108

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510833/2-A
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitrophenol	6670	5310		ug/Kg		80	55 - 107
4-Nitrophenol	13300	11800		ug/Kg		89	30 - 134
N-Nitrosodi-n-propylamine	6670	4780		ug/Kg		72	45 - 107
N-Nitrosodiphenylamine	6670	4660		ug/Kg		70	52 - 100
2,2'-oxybis[1-chloropropane]	6670	3330		ug/Kg		50	30 - 113
Pentachlorophenol	13300	9790		ug/Kg		73	42 - 110
Phenanthrene	6670	4630		ug/Kg		69	53 - 100
Phenol	6670	4610		ug/Kg		69	49 - 100
Pyrene	6670	4610		ug/Kg		69	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	5020		ug/Kg		75	41 - 104
2,3,4,6-Tetrachlorophenol	6670	5680		ug/Kg		85	47 - 104
2,4,5-Trichlorophenol	6670	5270		ug/Kg		79	50 - 104
2,4,6-Trichlorophenol	6670	5120		ug/Kg		77	50 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*69*		*44 - 105*
2-Fluorophenol (Surr)	*70*		*48 - 105*
Nitrobenzene-d5 (Surr)	*67*		*46 - 105*
Phenol-d5 (Surr)	*72*		*46 - 105*
Terphenyl-d14 (Surr)	*70*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*79*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-510835/1-A
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510835

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1221	ND		17	5.9	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1232	ND		17	4.1	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1242	ND		17	2.4	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1248	ND		17	4.0	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1254	ND		17	5.0	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1260	ND		17	4.7	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1262	ND		17	5.9	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1268	ND		17	2.2	ug/Kg		02/27/26 12:16	03/05/26 06:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*91*		*26 - 142*	*02/27/26 12:16*	*03/05/26 06:15*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*26 - 142*	*02/27/26 12:16*	*03/05/26 06:15*	*1*
Tetrachloro-m-xylene (Surr)	*103*		*17 - 144*	*02/27/26 12:16*	*03/05/26 06:15*	*1*
Tetrachloro-m-xylene (Surr)	*108*		*17 - 144*	*02/27/26 12:16*	*03/05/26 06:15*	*1*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 180-510835/2-A
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510835

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1170		ug/Kg		88	53 - 115		
PCB-1260			1330	958		ug/Kg		72	45 - 108		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*74*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*

Method: EPA 6010D - Metals (ICP)

Lab Sample ID: MB 410-778249/1-A
Matrix: Solid
Analysis Batch: 779175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778249

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.0	1.7	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Aluminum	ND		30	9.0	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Arsenic	ND		5.0	1.4	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Barium	ND		0.50	0.15	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Beryllium	ND		0.50	0.10	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Cadmium	ND		0.50	0.10	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Calcium	ND		50	21	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Chromium	ND		1.5	0.60	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Cobalt	ND		0.50	0.15	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Copper	ND		2.0	0.77	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Iron	ND		20	8.0	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Lead	ND		1.5	0.60	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Magnesium	ND		20	4.0	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Manganese	ND		1.0	0.40	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Nickel	ND		1.0	0.40	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Potassium	ND		100	35	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Selenium	ND		5.0	1.5	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Silver	ND		1.0	0.40	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Sodium	ND		100	40	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Thallium	ND		3.0	1.3	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Zinc	ND		2.0	0.80	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Vanadium	ND		1.0	0.43	mg/Kg		03/06/26 09:15	03/06/26 19:21	1

Lab Sample ID: LCS 410-778249/2-A
Matrix: Solid
Analysis Batch: 779175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778249

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			10.0	9.30		mg/Kg		93	80 - 120		
Aluminum			500	496		mg/Kg		99	88 - 110		
Arsenic			50.0	48.4		mg/Kg		97	87 - 113		
Barium			50.0	50.9		mg/Kg		102	90 - 111		
Beryllium			5.00	5.25		mg/Kg		105	90 - 113		

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-778249/2-A
Matrix: Solid
Analysis Batch: 779175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	5.00	5.06		mg/Kg		101	90 - 110
Calcium	500	518		mg/Kg		104	90 - 111
Chromium	50.0	51.2		mg/Kg		102	90 - 113
Cobalt	50.0	50.2		mg/Kg		100	90 - 110
Copper	50.0	50.2		mg/Kg		100	90 - 110
Iron	500	511		mg/Kg		102	89 - 111
Lead	5.00	4.95		mg/Kg		99	85 - 117
Magnesium	500	502		mg/Kg		100	89 - 111
Manganese	50.0	50.0		mg/Kg		100	90 - 111
Nickel	50.0	50.8		mg/Kg		102	90 - 111
Potassium	500	508		mg/Kg		102	88 - 113
Selenium	10.0	10.2		mg/Kg		102	80 - 119
Silver	5.00	5.19		mg/Kg		104	85 - 112
Sodium	500	498		mg/Kg		100	88 - 114
Thallium	10.0	10.5		mg/Kg		105	80 - 120
Zinc	50.0	49.3		mg/Kg		99	90 - 110
Vanadium	50.0	49.4		mg/Kg		99	90 - 111

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-778104/1-A
Matrix: Solid
Analysis Batch: 779163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778104

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/06/26 14:17	03/06/26 18:48	1

Lab Sample ID: LCS 410-778104/2-A
Matrix: Solid
Analysis Batch: 779163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778104

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.155		mg/Kg		93	80 - 120

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202353-1
Project/Site: Former Sperry Remington - NAF SCV

GC/MS VOA

Prep Batch: 781028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202353-1	SSHS-IRM5A2-SCV134-0.5-1	Total/NA	Solid	5035	
180-202353-2	SSHS-IRM5A2-SCV-DUP-02	Total/NA	Solid	5035	
180-202353-5	SSHS-IRM5A2-SCV135-0.5-1	Total/NA	Solid	5035	

Analysis Batch: 781565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202353-1	SSHS-IRM5A2-SCV134-0.5-1	Total/NA	Solid	EPA 8260D	781028
180-202353-2	SSHS-IRM5A2-SCV-DUP-02	Total/NA	Solid	EPA 8260D	781028
180-202353-5	SSHS-IRM5A2-SCV135-0.5-1	Total/NA	Solid	EPA 8260D	781028
MB 410-781565/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-781565/4	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-781565/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

GC/MS Semi VOA

Prep Batch: 510833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202353-3	SSHS-IRM5A2-SCV135-0-0.17	Total/NA	Solid	3541	
180-202353-4	SSHS-IRM5A2-SCV135-0.17-1	Total/NA	Solid	3541	
MB 180-510833/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510833/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 510864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202353-3	SSHS-IRM5A2-SCV135-0-0.17	Total/NA	Solid	EPA 8270E	510833
180-202353-4	SSHS-IRM5A2-SCV135-0.17-1	Total/NA	Solid	EPA 8270E	510833
MB 180-510833/1-A	Method Blank	Total/NA	Solid	EPA 8270E	510833
LCS 180-510833/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	510833

GC Semi VOA

Prep Batch: 510835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202353-3	SSHS-IRM5A2-SCV135-0-0.17	Total/NA	Solid	3541	
180-202353-4	SSHS-IRM5A2-SCV135-0.17-1	Total/NA	Solid	3541	
MB 180-510835/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510835/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 510855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202353-3	SSHS-IRM5A2-SCV135-0-0.17	Total/NA	Solid	EPA 8082A	510835
180-202353-4	SSHS-IRM5A2-SCV135-0.17-1	Total/NA	Solid	EPA 8082A	510835
MB 180-510835/1-A	Method Blank	Total/NA	Solid	EPA 8082A	510835
LCS 180-510835/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	510835

Metals

Prep Batch: 778104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202353-3	SSHS-IRM5A2-SCV135-0-0.17	Total/NA	Solid	7471B	
180-202353-4	SSHS-IRM5A2-SCV135-0.17-1	Total/NA	Solid	7471B	
MB 410-778104/1-A	Method Blank	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 778104 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-778104/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 778249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202353-3	SSHS-IRM5A2-SCV135-0-0.17	Total/NA	Solid	3050B	
180-202353-4	SSHS-IRM5A2-SCV135-0.17-1	Total/NA	Solid	3050B	
MB 410-778249/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-778249/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 779163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202353-3	SSHS-IRM5A2-SCV135-0-0.17	Total/NA	Solid	EPA 7471B	778104
180-202353-4	SSHS-IRM5A2-SCV135-0.17-1	Total/NA	Solid	EPA 7471B	778104
MB 410-778104/1-A	Method Blank	Total/NA	Solid	EPA 7471B	778104
LCS 410-778104/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	778104

Analysis Batch: 779175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202353-3	SSHS-IRM5A2-SCV135-0-0.17	Total/NA	Solid	EPA 6010D	778249
180-202353-4	SSHS-IRM5A2-SCV135-0.17-1	Total/NA	Solid	EPA 6010D	778249
MB 410-778249/1-A	Method Blank	Total/NA	Solid	EPA 6010D	778249
LCS 410-778249/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778249

General Chemistry

Analysis Batch: 777840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202353-1	SSHS-IRM5A2-SCV134-0.5-1	Total/NA	Solid	Moisture	
180-202353-2	SSHS-IRM5A2-SCV-DUP-02	Total/NA	Solid	Moisture	
180-202353-3	SSHS-IRM5A2-SCV135-0-0.17	Total/NA	Solid	Moisture	
180-202353-4	SSHS-IRM5A2-SCV135-0.17-1	Total/NA	Solid	Moisture	
180-202353-5	SSHS-IRM5A2-SCV135-0.5-1	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC4

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 1 of 1
Company: Geosyntec Consultants, Inc.				Job #:
Address: Geosyntec Consultants, Inc.	Due Date Requested:			
City: Minneapolis	TAT Requested (days): Standard			
State, Zip: MN, 55401				
Phone: 920-676-4194	PO #: 26008081-17847			
Email	WO #:			
Project Name: Former Sperry Remington	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633 - PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code				N	N	N	N	N									
SSHS-IRM5A2-SCV134-0.5-1	3/2/26	1420	C	S	N	N	X												4	
SSHS-IRM5A2-SCV-DUP-02	3/2/26	--	C	S	N	N	X												4	
SSHS-IRM5A2-SCV135-0-0.17	3/2/26	1430	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV135-0.17-1	3/2/26	1435	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV135-0.5-1	3/2/26	1435	C	S	N	N	X												4	

180-202353 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

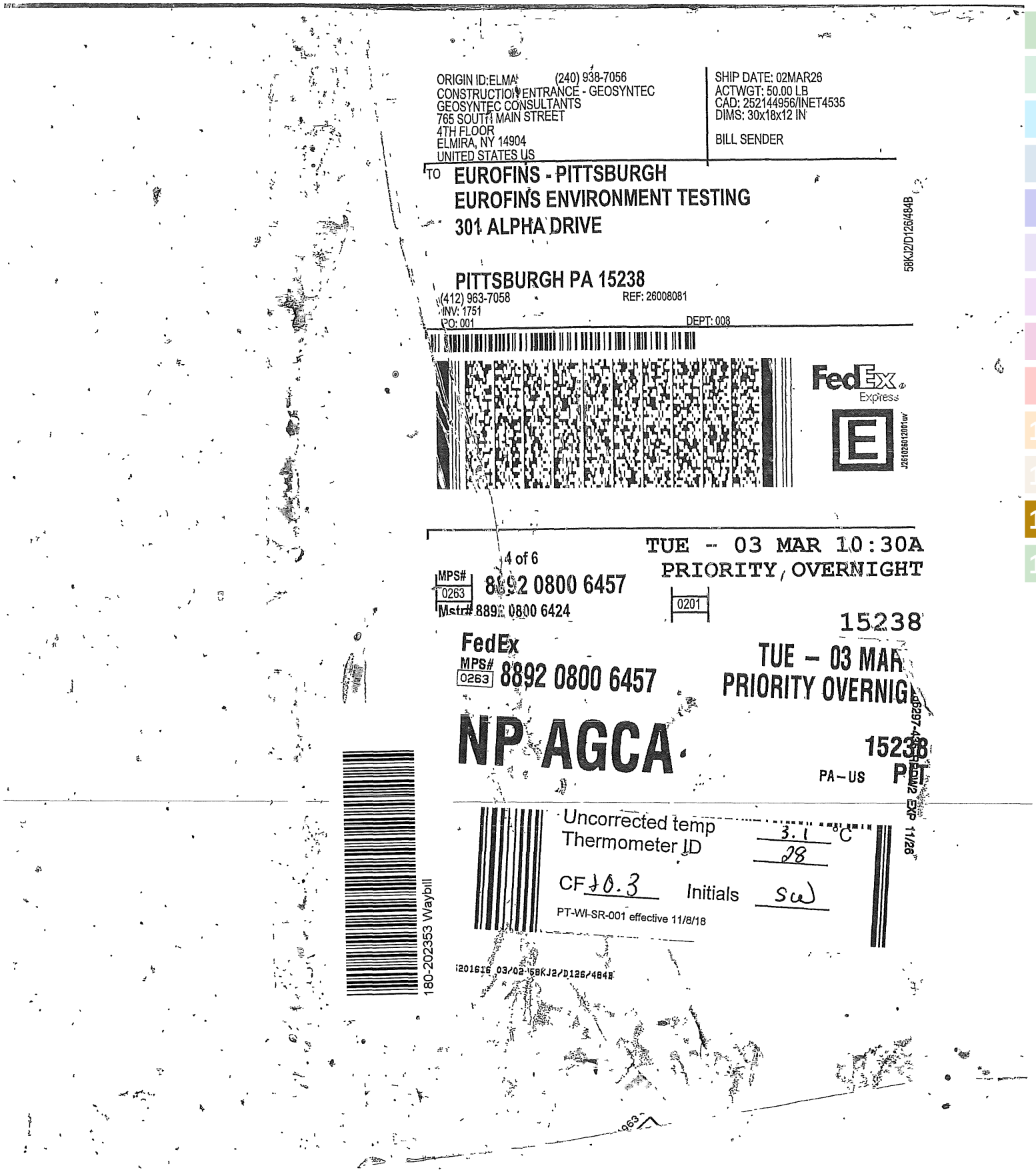
Empty Kit Relinquished by	Date:	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	3-2-26 1700	Geosyntec	Shelly Walker	3/4/26 10:13	ERI/HWE
Relinquished by	Date/Time	Company	Received by	Date/Time.	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

3/17/2026



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 008

58KJ2/D126/484B

FedEx Express

J261026012001uv

TUE - 03 MAR 10:30A
PRIORITY OVERNIGHT

4 of 6
MPS# 8892 0800 6457
0263
Mstr# 8892 0800 6424

0201

15238

FedEx
MPS# 8892 0800 6457
0263

TUE - 03 MAR
PRIORITY OVERNIGHT

NP AGCA

15238
PA-US PIT

0297-0

Uncorrected temp 3.1 °C
Thermometer ID 28
CF 0.3 Initials SW
PT-WI-SR-001 effective 11/8/18

EXP 11/26

180-202353 Waybill

201616 03/02 58KJ2/D126/484B

963

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

J2610260120010V

TUE - 03 MAR 10:30A
PRIORITY OVERNIGHT

FedEx
MPS# 0263 8892 0800 6446

NP AGCA

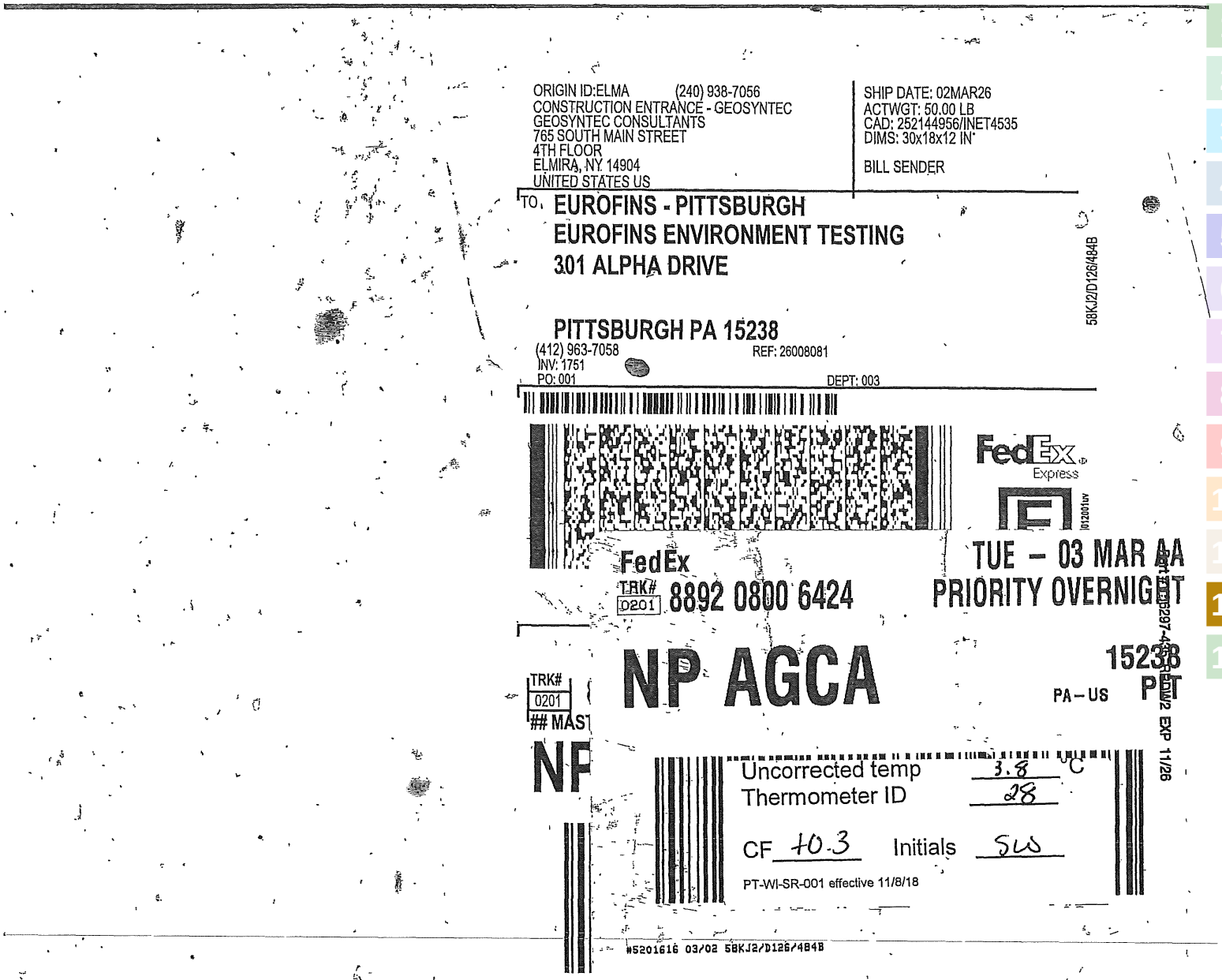
15238
PA-US

EXP 11/26

Uncorrected temp 2.8 °C
Thermometer ID 28
CF +0.3 Initials SW

PT-WI-SR-001 effective 11/8/18

#5201616 03/02 58KJ2/D126/484B



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/4B4B

FedEx Express

FedEx
TRK# 0201 8892 0800 6424

TUE - 03 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA - US PIT

TRK# 0201
MAST
NF

Uncorrected temp 3.8 °C
Thermometer ID 28
CF 10.3 Initials SW
PT-WI-SR-001 effective 11/8/18

#5201616 03/02 58KJ2/D126/4B4B

12G0001NY

7687 4636 2 EXP 11/26

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

J26102602001uf

2 of 6

MPS# 0263 8892 0800 6435
Mstr# 8892 0800 6424

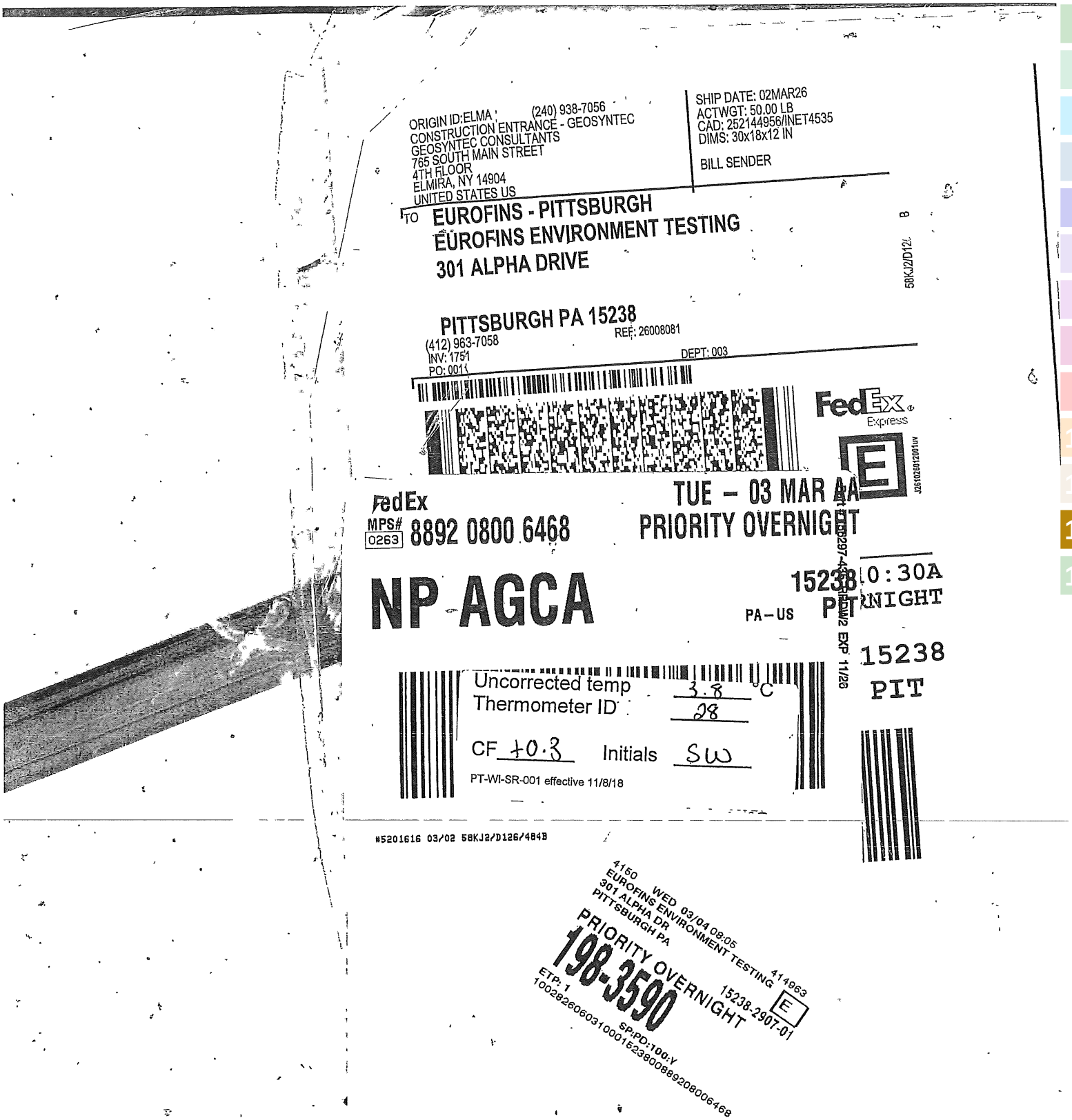
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PRIORITY OVERNIGHT

0201

NP AGCA

15238
PA-US PIT

Uncorrected temp 3.3 °C
Thermometer ID 28
CF +0.3 Initials SW
PT-WI-SR-001 effective 11/8/18



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058
INV: 1751
PO: 0011
REF: 26008081
DEPT: 003

58KJ2/D12

FedEx Express

FedEx
MPS# 0263 8892 0800 6468

TUE - 03 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA-US

10:30A
RNIGHT
15238
PIT

Uncorrected temp 3.8 °C
Thermometer ID 28
CF +0.3 Initials SW
PT-WI-SR-001 effective 11/8/18

#5201616 03/02 58KJ2/D126/484B

4150 WED 03/04 08:05
EUROFINS ENVIRONMENT TESTING 414963
301 ALPHA DR
PITTSBURGH PA
PRIORITY OVERNIGHT
198-3590
15238-2907-01
E
ETP: 1
SP:PD:100.Y
1002826060310001623800889208006468

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553757.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202353-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/17/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	PRE_SCREEN	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SSHS-IRM5A2-SCV134-0.5-1 (180-202353-1)	3/2/26	14:20 Eastern	G	Solid			X	X	X	X			4	Terrace Temp -7.6 CF +6.1
SSHS-IRM5A2-SCV-DUP-02 (180-202353-2)	3/2/26	Eastern	G	Solid			X	X	X	X			4	
SSHS-IRM5A2-SCV135-0-0.17 (180-202353-3)	3/2/26	14:30 Eastern	G	Solid					X		X	X	1	-6.9 (25)
SSHS-IRM5A2-SCV135-0.17-1 (180-202353-4)	3/2/26	14:35 Eastern	G	Solid					X		X	X	1	
SSHS-IRM5A2-SCV135-0.5-1 (180-202353-5)	3/2/26	14:35 Eastern	G	Solid			X	X	X	X			4	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification Unconfirmed	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	3/4/26 14:00	EPHWE	MA	3.4.26 1400	ELE
2	MA	3-4-26 1815	ELE			
3					3/4/26 1815	

Custody Seals Intact: ✗ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: -8.2 - -4.1 / -8.0 - -3.9

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202353-1

Login Number: 202353
List Number: 1
Creator: Kovitch, Christina M

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202353-1

Login Number: 202353
List Number: 2
Creator: Martin, Elizabeth

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/04/26 10:09 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Miranda Stelmach
Geosyntec Consultants Inc
111 N. Broadway, Suite C
Green Bay, Wisconsin 54303

Generated 3/18/2026 6:51:06 PM

JOB DESCRIPTION

Former Sperry Remington - NAF SCV

JOB NUMBER

180-202357-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



Generated
3/18/2026 6:51:06 PM

Authorized for release by
Gail Lage, Senior Project Manager
Gail.Lage@et.eurofinsus.com
(615)301-5741

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Job Narrative
180-202357-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/4/2026 10:13 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.1°C, 3.4°C, 3.6°C, 4.1°C and 4.1°C.

Receipt Exceptions
Samples SSHS-IRM5A2-SCV149-0.5-1 (180-202357-4), SSHS-IRM5A2-SCV148-0.5-1 (180-202357-7), SSHS-IRM5A2-SCV146-0.5-1 (180-202357-12) and SSHS-IRM5A2-SCV145-0.5-1 (180-202357-15) was/were received outside of holding time for terracore freezing as a result of shipping delay.

GC/MS VOA
Method EPA 8260D: The continuing calibration verification (CCV) associated with batch 410-781420 recovered above the upper control limit for Carbon tetrachloride, Chlorodibromomethane, Chloromethane, Cyclohexane, Dichlorodifluoromethane, Methylcyclohexane, trans-1,3-Dichloropropene and 1,1,2-Trichloro-1,2,2-trifluoroethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method EPA 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for 410-781420 recovered outside control limits for the following analytes: Acetone, Bromomethane and Chloroethane.

Method EPA 8260D: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: SSHS-IRM5A2-SCV149-0.5-1 (180-202357-4) and SSHS-IRM5A2-SCV146-0.5-1 (180-202357-12). Elevated reporting limits (RLs) are provided.

Method EPA 8260D: The methanol vials for samples SSHS-IRM5A2-SCV148-0.5-1 (180-202357-7), SSHS-IRM5A2-SCV145-0.5-1 (180-202357-15), and SSHS-IRM5A2-SCV144-0.5-1 (180-202357-18) were received leaking. Therefore the high Volatile could not be run on these samples.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method EPA 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 180-510833 and analytical batch 180-510864 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method EPA 8270E: The continuing calibration verification (CCV) analyzed in 180-510979 was outside the method criteria for the following analyte: Caprolactam. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method EPA 8082A: The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: SSHS-IRM5A2-SCV149-0-0.17 (180-202357-1), SSHS-IRM5A2-SCV149-0.17-1 (180-202357-2), SSHS-IRM5A2-

SCV-DUP-12 (180-202357-3), SSHS-IRM5A2-SCV148-0-0.17 (180-202357-5), SSHS-IRM5A2-SCV148-0.17-1 (180-202357-6), SSHS-IRM5A2-SCV148-0.17-1 (180-202357-6[MS]), SSHS-IRM5A2-SCV148-0.17-1 (180-202357-6[MSD]), SSHS-IRM5A2-SCV147-0-0.17 (180-202357-8), SSHS-IRM5A2-SCV147-0.17-1 (180-202357-9), SSHS-IRM5A2-SCV146-0-0.17 (180-202357-10), SSHS-IRM5A2-SCV146-0.17-1 (180-202357-11), SSHS-IRM5A2-SCV145-0-0.17 (180-202357-13), SSHS-IRM5A2-SCV145-0.17-1 (180-202357-14), SSHS-IRM5A2-SCV144-0-0.17 (180-202357-16), SSHS-IRM5A2-SCV144-0.17-1 (180-202357-17), SSHS-IRM5A2-SCV143-0-0.17 (180-202357-19), SSHS-IRM5A2-SCV143-0.17-1 (180-202357-20), (LCS 180-510835/2-A) and (MB 180-510835/1-A).6215174

Method EPA 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SSHS-IRM5A2-SCV149-0-0.17 (180-202357-1), SSHS-IRM5A2-SCV149-0.17-1 (180-202357-2), SSHS-IRM5A2-SCV-DUP-12 (180-202357-3), SSHS-IRM5A2-SCV148-0-0.17 (180-202357-5), SSHS-IRM5A2-SCV148-0.17-1 (180-202357-6), SSHS-IRM5A2-SCV148-0.17-1 (180-202357-6[MS]), SSHS-IRM5A2-SCV148-0.17-1 (180-202357-6[MSD]), SSHS-IRM5A2-SCV147-0-0.17 (180-202357-8), SSHS-IRM5A2-SCV147-0.17-1 (180-202357-9), SSHS-IRM5A2-SCV146-0-0.17 (180-202357-10), SSHS-IRM5A2-SCV146-0.17-1 (180-202357-11), SSHS-IRM5A2-SCV145-0-0.17 (180-202357-13), SSHS-IRM5A2-SCV145-0.17-1 (180-202357-14), SSHS-IRM5A2-SCV144-0-0.17 (180-202357-16), SSHS-IRM5A2-SCV144-0.17-1 (180-202357-17), SSHS-IRM5A2-SCV143-0-0.17 (180-202357-19), SSHS-IRM5A2-SCV143-0.17-1 (180-202357-20), (LCS 180-510835/2-A) and (MB 180-510835/1-A).6648760
6513163

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PFAS
Method 1633A: The recovery for the labeled isotope(s) 13C2 4:2 FTS in the following samples: SSHS-IRM5A2-SCV149-0-0.17 (180-202357-1), SSHS-IRM5A2-SCV145-0-0.17 (180-202357-13) and SSHS-IRM5A2-SCV144-0.17-1 (180-202357-17) is outside the QC acceptance limits. Since the recovery is high and the native analyte is not detected in the sample, the data is reported.

Method 1633A: The recovery for the labeled isotope(s) 13C2 8:2 FTS in the method blank associated with samples: SSHS-IRM5A2-SCV149-0-0.17 (180-202357-1), SSHS-IRM5A2-SCV148-0.17-1 (180-202357-6), SSHS-IRM5A2-SCV145-0-0.17 (180-202357-13) and SSHS-IRM5A2-SCV144-0.17-1 (180-202357-17) is outside the QC acceptance limits. Since the recovery is high and the associated native analyte is not detected in the method blank, the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	Sample was received and analyzed past holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Laboratory: Eurofins Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	03-31-26

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
EPA 8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington - NAF SCV

Job ID: 180-202357-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
180-202357-1	SSHS-IRM5A2-SCV149-0-0.17	Solid	03/02/26 09:00	03/04/26 10:13	New York
180-202357-2	SSHS-IRM5A2-SCV149-0.17-1	Solid	03/02/26 09:05	03/04/26 10:13	New York
180-202357-3	SSHS-IRM5A2-SCV-DUP-12	Solid	03/02/26 00:00	03/04/26 10:13	New York
180-202357-4	SSHS-IRM5A2-SCV149-0.5-1	Solid	03/02/26 09:05	03/04/26 10:13	New York
180-202357-5	SSHS-IRM5A2-SCV148-0-0.17	Solid	03/02/26 09:30	03/04/26 10:13	New York
180-202357-6	SSHS-IRM5A2-SCV148-0.17-1	Solid	03/02/26 09:35	03/04/26 10:13	New York
180-202357-7	SSHS-IRM5A2-SCV148-0.5-1	Solid	03/02/26 09:35	03/04/26 10:13	New York
180-202357-8	SSHS-IRM5A2-SCV147-0-0.17	Solid	03/02/26 09:45	03/04/26 10:13	New York
180-202357-9	SSHS-IRM5A2-SCV147-0.17-1	Solid	03/02/26 09:50	03/04/26 10:13	New York
180-202357-10	SSHS-IRM5A2-SCV146-0-0.17	Solid	03/02/26 10:00	03/04/26 10:13	New York
180-202357-11	SSHS-IRM5A2-SCV146-0.17-1	Solid	03/02/26 10:05	03/04/26 10:13	New York
180-202357-12	SSHS-IRM5A2-SCV146-0.5-1	Solid	03/02/26 10:05	03/04/26 10:13	New York
180-202357-13	SSHS-IRM5A2-SCV145-0-0.17	Solid	03/02/26 10:10	03/04/26 10:13	New York
180-202357-14	SSHS-IRM5A2-SCV145-0.17-1	Solid	03/02/26 10:15	03/04/26 10:13	New York
180-202357-15	SSHS-IRM5A2-SCV145-0.5-1	Solid	03/02/26 10:15	03/04/26 10:13	New York
180-202357-16	SSHS-IRM5A2-SCV144-0-0.17	Solid	03/02/26 10:20	03/04/26 10:13	New York
180-202357-17	SSHS-IRM5A2-SCV144-0.17-1	Solid	03/02/26 10:25	03/04/26 10:13	New York
180-202357-18	SSHS-IRM5A2-SCV144-0.5-1	Solid	03/02/26 10:25	03/04/26 10:13	New York
180-202357-19	SSHS-IRM5A2-SCV143-0-0.17	Solid	03/02/26 10:30	03/04/26 10:13	New York
180-202357-20	SSHS-IRM5A2-SCV143-0.17-1	Solid	03/02/26 10:35	03/04/26 10:13	New York

Method Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
EPA 6010D	Metals (ICP)	SW846	ELLE
EPA 7471B	Mercury (CVAA)	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	ELLE
3541	Automated Soxhlet Extraction	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV149-0-0.17
Lab Sample ID: 180-202357-1
Date Collected: 03/02/26 09:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV149-0-0.17
Lab Sample ID: 180-202357-1
Date Collected: 03/02/26 09:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.49 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 14:11	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.18 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 08:01	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	1633A			2.43 g	5 mL	778237	03/05/26 14:13	VDC4	ELLE
Total/NA	Analysis	1633A		1			780308	03/10/26 13:05	LDU5	ELLE
	Instrument ID: 30637									
Total/NA	Prep	3050B			0.53 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:01	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.62 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 20:03	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV149-0.17-1
Lab Sample ID: 180-202357-2
Date Collected: 03/02/26 09:05
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV149-0.17-1
Lab Sample ID: 180-202357-2
Date Collected: 03/02/26 09:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.22 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 14:33	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.16 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 08:19	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.53 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:04	T8CQ	ELLE
	Instrument ID: T73 - 18255									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV149-0.17-1
Lab Sample ID: 180-202357-2
Date Collected: 03/02/26 09:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.62 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 20:08	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-12
Lab Sample ID: 180-202357-3
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-12
Lab Sample ID: 180-202357-3
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.04 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 14:54	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.41 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 08:36	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.50 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:07	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.64 g	100 mL	778114	03/05/26 12:30	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			778774	03/06/26 07:42	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV149-0.5-1
Lab Sample ID: 180-202357-4
Date Collected: 03/02/26 09:05
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV149-0.5-1
Lab Sample ID: 180-202357-4
Date Collected: 03/02/26 09:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.534 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	782285	03/13/26 15:26	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV149-0.5-1
Lab Sample ID: 180-202357-4
Date Collected: 03/02/26 09:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.781 g	5 mL	780744	03/10/26 22:30	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		50	5 mL	5 mL	781420	03/12/26 05:31	S8BP	ELLE
	Instrument ID: 7566									

Client Sample ID: SSHS-IRM5A2-SCV148-0-0.17
Lab Sample ID: 180-202357-5
Date Collected: 03/02/26 09:30
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778519	03/05/26 21:42	VGDO	ELLE
	Instrument ID: D55_INS_000001									

Client Sample ID: SSHS-IRM5A2-SCV148-0-0.17
Lab Sample ID: 180-202357-5
Date Collected: 03/02/26 09:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.18 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 15:16	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.25 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 08:54	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.52 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:10	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.63 g	100 mL	778114	03/05/26 12:30	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			778774	03/06/26 07:44	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Lab Sample ID: 180-202357-6
Date Collected: 03/02/26 09:35
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Lab Sample ID: 180-202357-6
Date Collected: 03/02/26 09:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.29 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 12:23	VVP	EET PIT
	Instrument ID: CH71									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Lab Sample ID: 180-202357-6

Date Collected: 03/02/26 09:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.23 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 06:33	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	1633A			2.33 g	5 mL	778237	03/05/26 14:13	VDC4	ELLE
Total/NA	Analysis	1633A		1			780308	03/10/26 13:19	LDU5	ELLE
	Instrument ID: 30637									
Total/NA	Prep	3050B			0.50 g	50 mL	778039	03/05/26 09:45	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			778500	03/05/26 20:52	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.60 g	100 mL	778114	03/05/26 12:30	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			778774	03/06/26 07:29	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV148-0.5-1
Lab Sample ID: 180-202357-7

Date Collected: 03/02/26 09:35
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV148-0.5-1
Lab Sample ID: 180-202357-7

Date Collected: 03/02/26 09:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.169 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781565	03/12/26 15:20	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV147-0-0.17
Lab Sample ID: 180-202357-8

Date Collected: 03/02/26 09:45
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV147-0-0.17
Lab Sample ID: 180-202357-8

Date Collected: 03/02/26 09:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.13 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 15:37	VVP	EET PIT
	Instrument ID: CH71									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV147-0-0.17
Lab Sample ID: 180-202357-8

Date Collected: 03/02/26 09:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.34 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 09:11	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.55 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:13	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.62 g	100 mL	778114	03/05/26 12:30	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			778774	03/06/26 07:46	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV147-0.17-1
Lab Sample ID: 180-202357-9

Date Collected: 03/02/26 09:50
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV147-0.17-1
Lab Sample ID: 180-202357-9

Date Collected: 03/02/26 09:50
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.45 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 15:59	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.16 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 09:29	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.53 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:16	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 20:10	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV146-0-0.17
Lab Sample ID: 180-202357-10

Date Collected: 03/02/26 10:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV146-0-0.17
Lab Sample ID: 180-202357-10

Date Collected: 03/02/26 10:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.06 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 16:21	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.36 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 09:47	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.54 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 19:28	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	778114	03/05/26 12:30	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			778774	03/06/26 07:48	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV146-0.17-1
Lab Sample ID: 180-202357-11

Date Collected: 03/02/26 10:05
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV146-0.17-1
Lab Sample ID: 180-202357-11

Date Collected: 03/02/26 10:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.38 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 18:19	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.05 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 10:04	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.55 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:19	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.63 g	100 mL	778114	03/05/26 12:30	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			778774	03/06/26 07:49	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV146-0.5-1
Lab Sample ID: 180-202357-12

Date Collected: 03/02/26 10:05
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV146-0.5-1
Lab Sample ID: 180-202357-12
Date Collected: 03/02/26 10:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.406 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	782285	03/13/26 15:49	ULCP	ELLE
	Instrument ID: 21547									
Total/NA	Prep	5035			4.768 g	5 mL	780744	03/10/26 22:30	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		50	5 mL	5 mL	781420	03/12/26 05:52	S8BP	ELLE
	Instrument ID: 7566									

Client Sample ID: SSHS-IRM5A2-SCV145-0-0.17
Lab Sample ID: 180-202357-13
Date Collected: 03/02/26 10:10
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV145-0-0.17
Lab Sample ID: 180-202357-13
Date Collected: 03/02/26 10:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.18 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 17:04	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.40 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 10:22	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	1633A			2.38 g	5 mL	778237	03/05/26 14:13	VDC4	ELLE
Total/NA	Analysis	1633A		1			780308	03/10/26 14:00	LDU5	ELLE
	Instrument ID: 30637									
Total/NA	Prep	3050B			0.50 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:22	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.62 g	100 mL	778114	03/05/26 12:30	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			778774	03/06/26 07:51	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV145-0.17-1
Lab Sample ID: 180-202357-14
Date Collected: 03/02/26 10:15
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV145-0.17-1
Lab Sample ID: 180-202357-14
Date Collected: 03/02/26 10:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.31 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 17:25	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.18 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 10:39	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.52 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:37	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.63 g	100 mL	778114	03/05/26 12:30	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			778774	03/06/26 07:53	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV145-0.5-1
Lab Sample ID: 180-202357-15
Date Collected: 03/02/26 10:15
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV145-0.5-1
Lab Sample ID: 180-202357-15
Date Collected: 03/02/26 10:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.677 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781565	03/12/26 15:43	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV144-0-0.17
Lab Sample ID: 180-202357-16
Date Collected: 03/02/26 10:20
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV144-0-0.17
Lab Sample ID: 180-202357-16
Date Collected: 03/02/26 10:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.40 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 17:47	VVP	EET PIT
	Instrument ID: CH71									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV144-0-0.17
Lab Sample ID: 180-202357-16
Date Collected: 03/02/26 10:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.41 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 10:57	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.54 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:40	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.60 g	100 mL	778114	03/05/26 12:30	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			778774	03/06/26 07:59	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV144-0.17-1
Lab Sample ID: 180-202357-17
Date Collected: 03/02/26 10:25
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV144-0.17-1
Lab Sample ID: 180-202357-17
Date Collected: 03/02/26 10:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.10 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 18:08	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.31 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 11:15	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	1633A			2.34 g	5 mL	778237	03/05/26 14:13	VDC4	ELLE
Total/NA	Analysis	1633A		1			780308	03/10/26 14:13	LDU5	ELLE
	Instrument ID: 30637									
Total/NA	Prep	3050B			0.55 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:43	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.63 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 20:12	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV144-0.5-1
Lab Sample ID: 180-202357-18
Date Collected: 03/02/26 10:25
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV144-0.5-1
Lab Sample ID: 180-202357-18
Date Collected: 03/02/26 10:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.08 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781565	03/12/26 16:07	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV143-0-0.17
Lab Sample ID: 180-202357-19
Date Collected: 03/02/26 10:30
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV143-0-0.17
Lab Sample ID: 180-202357-19
Date Collected: 03/02/26 10:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.22 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 18:30	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.44 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 11:32	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.52 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:46	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.65 g	100 mL	778114	03/05/26 12:30	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			778774	03/06/26 08:01	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV143-0.17-1
Lab Sample ID: 180-202357-20
Date Collected: 03/02/26 10:35
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777840	03/05/26 02:03	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV143-0.17-1
Lab Sample ID: 180-202357-20
Date Collected: 03/02/26 10:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.47 g	5.0 mL	510833	03/04/26 12:54	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 18:51	VVP	EET PIT
	Instrument ID: CH71									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV143-0.17-1
Lab Sample ID: 180-202357-20

Date Collected: 03/02/26 10:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.04 g	20.0 mL	510835	03/04/26 13:14	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 12:25	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.54 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:49	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.64 g	100 mL	778104	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 19:49	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Analyst References:

Lab: EET PIT

Batch Type: Prep

DVC = Daniel Capodanno

SAB = Sharon Bacha

Batch Type: Analysis

JMO = John Oravec

VVP = Vincent Piccolino

Lab: ELLE

Batch Type: Prep

HNC4 = Mindy Schantzenbach

PV7W = Trinity Breneman

RFN5 = Aniyah Oxendine

UK3O = Rebecca Williams

VDC4 = Alaina Christ

Batch Type: Analysis

IJ3I = Elizabeth Brittingham

LDU5 = Sydney Drury

S8BP = Kirsten Loeb

T8CQ = Sera Bargo

ULCP = Linda Pape

VGDO = Carlos Lebron-Marte

X3ZX = Skyler Ruf

Client Sample ID: SSHS-IRM5A2-SCV149-0-0.17
Lab Sample ID: 180-202357-1

Date Collected: 03/02/26 09:00
Matrix: Solid

Date Received: 03/04/26 10:13
Percent Solids: 82.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	22	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Acenaphthylene	ND		78	17	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Acetophenone	ND		780	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Anthracene	ND		78	20	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Atrazine	ND		780	170	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Benzaldehyde	ND		780	48	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Benzo[a]anthracene	**35**	**J**	78	35	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Benzo[a]pyrene	**45**	**J**	78	34	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Benzo[b]fluoranthene	**73**	**J**	78	19	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Benzo[g,h,i]perylene	**46**	**J**	78	17	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Benzo[k]fluoranthene	**24**	**J**	78	23	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Bis(2-chloroethyl)ether	ND		78	24	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Bis(2-ethylhexyl) phthalate	ND		3900	410	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Carbazole	ND		78	18	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2-Chlorophenol	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Chrysene	**62**	**J**	78	43	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Dibenz(a,h)anthracene	ND		78	50	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Dibenzofuran	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
3,3'-Dichlorobenzidine	ND		390	360	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Dimethyl phthalate	ND		780	430	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Di-n-butyl phthalate	ND		3900	810	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
1,4-Dioxane	ND		780	240	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Fluoranthene	**140**		78	21	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Fluorene	ND		78	15	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Indeno[1,2,3-cd]pyrene	ND		78	39	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Isophorone	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2-Methylnaphthalene	ND		78	19	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1

Client Sample ID: SSHS-IRM5A2-SCV149-0-0.17
Lab Sample ID: 180-202357-1
Date Collected: 03/02/26 09:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	110	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Naphthalene	ND		78	15	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
3-Nitroaniline	ND		2000	99	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Nitrobenzene	ND		780	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2-Nitrophenol	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Phenanthrene	**58**	**J**	78	21	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Phenol	ND		390	120	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
Pyrene	**94**		78	27	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
1,2,4,5-Tetrachlorobenzene	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*44 - 105*	*03/04/26 12:54*	*03/05/26 14:11*	*1*
2-Fluorophenol (Surr)	*74*		*48 - 105*	*03/04/26 12:54*	*03/05/26 14:11*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*03/04/26 12:54*	*03/05/26 14:11*	*1*
Phenol-d5 (Surr)	*75*		*46 - 105*	*03/04/26 12:54*	*03/05/26 14:11*	*1*
Terphenyl-d14 (Surr)	*81*		*39 - 105*	*03/04/26 12:54*	*03/05/26 14:11*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*	*03/04/26 12:54*	*03/05/26 14:11*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	03/04/26 13:14	03/05/26 08:01	1
PCB-1221	ND		20	7.0	ug/Kg	☼	03/04/26 13:14	03/05/26 08:01	1
PCB-1232	ND		20	4.8	ug/Kg	☼	03/04/26 13:14	03/05/26 08:01	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/04/26 13:14	03/05/26 08:01	1
PCB-1248	ND		20	4.8	ug/Kg	☼	03/04/26 13:14	03/05/26 08:01	1
PCB-1254	ND		20	6.0	ug/Kg	☼	03/04/26 13:14	03/05/26 08:01	1
PCB-1260	ND		20	5.7	ug/Kg	☼	03/04/26 13:14	03/05/26 08:01	1
PCB-1262	ND		20	7.0	ug/Kg	☼	03/04/26 13:14	03/05/26 08:01	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/04/26 13:14	03/05/26 08:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*	*03/04/26 13:14*	*03/05/26 08:01*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*26 - 142*	*03/04/26 13:14*	*03/05/26 08:01*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*17 - 144*	*03/04/26 13:14*	*03/05/26 08:01*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/04/26 13:14*	*03/05/26 08:01*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV149-0-0.17
Lab Sample ID: 180-202357-1
Date Collected: 03/02/26 09:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorooctanoic acid (PFOA)	**0.10**	**J**	0.20	0.060	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorooctanesulfonic acid (PFOS)	**0.25**		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1

Client Sample ID: SSHS-IRM5A2-SCV149-0-0.17
Lab Sample ID: 180-202357-1
Date Collected: 03/02/26 09:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*111*		*8 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C5-PFPeA	*108*		*35 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C5-PFHxA	*108*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C4-PFHpA	*114*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C8-PFOA	*107*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C9-PFNA	*98.0*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C6-PFDA	*97.7*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C7-PFUnA	*86.2*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C2 PFDoA	*73.5*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C2-PFTeDA	*67.7*		*20 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C3-PFBS	*104*		*40 - 135*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C3-PFHxS	*98.0*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C8-PFOS	*89.0*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C8-PFOSA	*83.2*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
d3-NMeFOSAA	*85.3*		*40 - 135*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
d5-NEtFOSAA	*83.5*		*40 - 150*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C2 4:2 FTS	*188*	*5+	*40 - 165*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C2 6:2 FTS	*115*		*40 - 215*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C2 8:2 FTS	*234*		*40 - 275*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
13C3-HFPO-DA	*101*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
D7-NMeFOSE	*53.8*		*20 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
D9-NEtFOSE	*46.3*		*15 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
d5-NEtPFOSA	*62.3*		*10 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*
d3-NMePFOSA	*67.2*		*10 - 130*	*03/05/26 14:13*	*03/10/26 13:05*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.7	1.9	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Aluminum	**12000**		34	10	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Arsenic	**5.7**		5.7	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Barium	**79**		0.57	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Beryllium	**0.51**	**J**	0.57	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Cadmium	**0.24**	**J**	0.57	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Calcium	**18000**		57	24	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Chromium	**15**		1.7	0.68	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Cobalt	**8.2**		0.57	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Copper	**23**		2.3	0.88	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Iron	**22000**		23	9.1	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Lead	**15**		1.7	0.68	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Magnesium	**5300**		23	4.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Manganese	**400**		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Nickel	**20**		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV149-0-0.17
Lab Sample ID: 180-202357-1
Date Collected: 03/02/26 09:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.9

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1300**		110	40	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Silver	ND		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Sodium	**60**	**J**	110	46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Zinc	**72**		2.3	0.91	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1
Vanadium	**17**		1.1	0.49	mg/Kg	☼	03/06/26 09:15	03/06/26 20:01	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.044**	**J**	0.070	0.023	mg/Kg	☼	03/09/26 10:45	03/09/26 20:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**17.1**		1.0	1.0	%			03/05/26 02:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV149-0.17-1
Lab Sample ID: 180-202357-2
Date Collected: 03/02/26 09:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Acenaphthylene	ND		76	16	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Acetophenone	ND		760	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Anthracene	ND		76	20	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Atrazine	ND		760	160	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Benzo[a]anthracene	**43**	**J**	76	34	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Benzo[a]pyrene	**54**	**J**	76	33	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Benzo[b]fluoranthene	**71**	**J**	76	19	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Benzo[g,h,i]perylene	**47**	**J**	76	16	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Benzo[k]fluoranthene	**30**	**J**	76	23	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Carbazole	ND		76	18	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Chrysene	**64**	**J**	76	42	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Fluoranthene	**130**		76	20	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Fluorene	ND		76	15	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Indeno[1,2,3-cd]pyrene	ND		76	37	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1

Client Sample ID: SSHS-IRM5A2-SCV149-0.17-1
Lab Sample ID: 180-202357-2
Date Collected: 03/02/26 09:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Naphthalene	ND		76	15	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Phenanthrene	**51**	**J**	76	20	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
Pyrene	**95**		76	27	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*03/04/26 12:54*	*03/05/26 14:33*	*1*
2-Fluorophenol (Surr)	*68*		*48 - 105*	*03/04/26 12:54*	*03/05/26 14:33*	*1*
Nitrobenzene-d5 (Surr)	*67*		*46 - 105*	*03/04/26 12:54*	*03/05/26 14:33*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*03/04/26 12:54*	*03/05/26 14:33*	*1*
Terphenyl-d14 (Surr)	*77*		*39 - 105*	*03/04/26 12:54*	*03/05/26 14:33*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*03/04/26 12:54*	*03/05/26 14:33*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/04/26 13:14	03/05/26 08:19	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 13:14	03/05/26 08:19	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 08:19	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:14	03/05/26 08:19	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 13:14	03/05/26 08:19	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 13:14	03/05/26 08:19	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 13:14	03/05/26 08:19	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/04/26 13:14	03/05/26 08:19	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 13:14	03/05/26 08:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*26 - 142*	*03/04/26 13:14*	*03/05/26 08:19*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/04/26 13:14*	*03/05/26 08:19*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*17 - 144*	*03/04/26 13:14*	*03/05/26 08:19*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*17 - 144*	*03/04/26 13:14*	*03/05/26 08:19*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.4	1.8	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Aluminum	**11000**		32	9.7	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV149-0.17-1
Lab Sample ID: 180-202357-2
Date Collected: 03/02/26 09:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.3

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		5.4	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Barium	80		0.54	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Beryllium	0.47	J	0.54	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Cadmium	0.25	J	0.54	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Calcium	20000		54	23	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Chromium	14		1.6	0.65	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Cobalt	9.1		0.54	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Copper	20		2.2	0.83	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Iron	20000		22	8.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Lead	15		1.6	0.65	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Magnesium	5400		22	4.3	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Manganese	380		1.1	0.43	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Nickel	19		1.1	0.43	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Potassium	1300		110	38	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Selenium	ND		5.4	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Silver	ND		1.1	0.43	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Sodium	62	J	110	43	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Zinc	69		2.2	0.86	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1
Vanadium	16		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:04	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	J	0.067	0.022	mg/Kg	☼	03/09/26 10:45	03/09/26 20:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.7		1.0	1.0	%			03/05/26 02:03	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-12
Lab Sample ID: 180-202357-3

Date Collected: 03/02/26 00:00
Matrix: Solid

Date Received: 03/04/26 10:13
Percent Solids: 86.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Acetophenone	ND		770	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Anthracene	ND		77	20	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Atrazine	ND		770	170	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Benzo[a]anthracene	ND		77	35	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Benzo[a]pyrene	**39**	**J**	77	33	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Benzo[b]fluoranthene	**49**	**J**	77	19	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Benzo[g,h,i]perylene	**36**	**J**	77	17	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Benzo[k]fluoranthene	**30**	**J**	77	23	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Carbazole	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Chrysene	**49**	**J**	77	43	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Dimethyl phthalate	ND		770	430	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Fluoranthene	**110**		77	20	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Fluorene	ND		77	15	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Hexachlorobenzene	ND		77	28	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Hexachlorobutadiene	ND		77	23	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Indeno[1,2,3-cd]pyrene	ND		77	38	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Isophorone	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-12
Lab Sample ID: 180-202357-3

Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Naphthalene	ND		77	15	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2,2'-oxybis[1-chloropropane]	ND		77	29	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Phenanthrene	**37**	**J**	77	21	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Phenol	ND		380	120	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
Pyrene	**74**	**J**	77	27	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*44 - 105*	*03/04/26 12:54*	*03/05/26 14:54*	*1*
2-Fluorophenol (Surr)	*63*		*48 - 105*	*03/04/26 12:54*	*03/05/26 14:54*	*1*
Nitrobenzene-d5 (Surr)	*62*		*46 - 105*	*03/04/26 12:54*	*03/05/26 14:54*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*03/04/26 12:54*	*03/05/26 14:54*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*03/04/26 12:54*	*03/05/26 14:54*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*34 - 108*	*03/04/26 12:54*	*03/05/26 14:54*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/04/26 13:14	03/05/26 08:36	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/04/26 13:14	03/05/26 08:36	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 08:36	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/04/26 13:14	03/05/26 08:36	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 13:14	03/05/26 08:36	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/04/26 13:14	03/05/26 08:36	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/04/26 13:14	03/05/26 08:36	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/04/26 13:14	03/05/26 08:36	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 13:14	03/05/26 08:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*	*03/04/26 13:14*	*03/05/26 08:36*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*26 - 142*	*03/04/26 13:14*	*03/05/26 08:36*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/04/26 13:14*	*03/05/26 08:36*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/04/26 13:14*	*03/05/26 08:36*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.8	2.0	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Aluminum	**11000**		35	10	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-12
Lab Sample ID: 180-202357-3
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.6	J	5.8	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Barium	80		0.58	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Beryllium	0.51	J	0.58	0.12	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Cadmium	0.27	J	0.58	0.12	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Calcium	31000		58	24	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Chromium	15		1.7	0.69	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Cobalt	8.0		0.58	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Copper	21		2.3	0.89	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Iron	21000		23	9.3	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Lead	17		1.7	0.69	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Magnesium	5500		23	4.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Manganese	430		1.2	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Nickel	20		1.2	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Potassium	1300		120	40	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Silver	ND		1.2	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Sodium	60	J	120	46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Zinc	72		2.3	0.93	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1
Vanadium	16		1.2	0.50	mg/Kg	☼	03/06/26 09:15	03/06/26 20:07	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042	J	0.065	0.022	mg/Kg	☼	03/05/26 12:30	03/06/26 07:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.6		1.0	1.0	%			03/05/26 02:03	1

Client Sample ID: SSHS-IRM5A2-SCV149-0.5-1
Lab Sample ID: 180-202357-4
Date Collected: 03/02/26 09:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	1400	410	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Benzene	ND		350	35	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Bromoform	ND		690	350	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Bromomethane	ND	*1	350	110	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
2-Butanone (MEK)	ND		690	140	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Acetone	ND	H H3	21	6.3	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Benzene	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Carbon disulfide	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Bromoform	ND	H H3	11	5.3	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Carbon tetrachloride	ND		350	140	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Bromomethane	ND	H H3	5.3	1.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Chlorobenzene	ND		350	35	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
2-Butanone (MEK)	ND	H H3	11	2.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Chlorobromomethane	ND		350	48	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Carbon disulfide	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Chlorodibromomethane	ND		350	140	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Carbon tetrachloride	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Chloroethane	ND	*1	350	100	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Chlorobenzene	ND	H H3	5.3	0.95	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Chloroform	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Chlorobromomethane	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Chloromethane	ND		350	62	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Chlorodibromomethane	ND	H H3	5.3	0.53	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
cis-1,2-Dichloroethene	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Chloroethane	ND	H H3	5.3	1.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
cis-1,3-Dichloropropene	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Chloroform	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Cyclohexane	ND		350	35	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,2-Dibromo-3-Chloropropane	ND		350	69	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Chloromethane	ND	H H3	5.3	1.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,2-Dibromoethane	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
cis-1,2-Dichloroethene	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
cis-1,3-Dichloropropene	ND	H H3	5.3	0.63	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,2-Dichlorobenzene	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Cyclohexane	ND	H H3	5.3	0.95	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,2-Dibromo-3-Chloropropane	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,3-Dichlorobenzene	ND		350	35	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,2-Dibromoethane	ND	H H3	5.3	0.74	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,4-Dichlorobenzene	ND		350	35	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,2-Dichlorobenzene	ND	H H3	5.3	0.95	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Dichlorobromomethane	ND		350	48	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,3-Dichlorobenzene	ND	H H3	5.3	1.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Dichlorodifluoromethane	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,1-Dichloroethane	ND		350	35	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,4-Dichlorobenzene	ND	H H3	5.3	0.95	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,2-Dichloroethane	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Dichlorobromomethane	ND	H H3	5.3	0.74	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Dichlorodifluoromethane	ND	H H3	5.3	1.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,1-Dichloroethane	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV149-0.5-1
Lab Sample ID: 180-202357-4
Date Collected: 03/02/26 09:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,2-Dichloroethane	ND	H H3	5.3	0.63	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,2-Dichloroethene, Total	ND		690	69	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,1-Dichloroethene	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,2-Dichloropropane	ND		350	35	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,2-Dichloroethene, Total	ND	H H3	11	1.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,4-Dioxane	ND		17000	3800	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,2-Dichloropropane	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Ethylbenzene	ND		350	28	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,4-Dioxane	ND	H H3	260	39	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
2-Hexanone	ND		690	100	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Ethylbenzene	ND	H H3	5.3	1.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Isopropylbenzene	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
2-Hexanone	ND	H H3	11	2.6	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Methyl acetate	**360**		350	69	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Isopropylbenzene	ND	H H3	5.3	1.6	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Methylcyclohexane	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Methyl acetate	ND	H H3	5.3	1.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Methylene Chloride	ND		350	140	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
4-Methyl-2-pentanone (MIBK)	ND		690	100	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Methylcyclohexane	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Methyl tert-butyl ether	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Methylene Chloride	**7.6**	**H H3**	5.3	2.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	11	2.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
m-Xylene & p-Xylene	ND		350	69	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Methyl tert-butyl ether	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
o-Xylene	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
m-Xylene & p-Xylene	ND	H H3	5.3	2.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Styrene	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,1,2,2-Tetrachloroethane	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
o-Xylene	ND	H H3	5.3	1.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Styrene	ND	H H3	5.3	0.95	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Tetrachloroethene	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,1,2,2-Tetrachloroethane	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Toluene	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Tetrachloroethene	ND	H H3	5.3	1.6	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Toluene	ND	H H3	5.3	1.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
trans-1,2-Dichloroethene	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
trans-1,2-Dichloroethene	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
trans-1,3-Dichloropropene	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,2,3-Trichlorobenzene	ND		690	350	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
trans-1,3-Dichloropropene	ND	H H3	5.3	0.63	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,2,3-Trichlorobenzene	ND	H H3	11	5.3	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,2,4-Trichlorobenzene	ND		690	350	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,1,1-Trichloroethane	ND		350	48	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,2,4-Trichlorobenzene	ND	H H3	11	5.3	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,1,1-Trichloroethane	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,1,2-Trichloroethane	ND		350	35	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,1,2-Trichloroethane	ND	H H3	5.3	0.74	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV149-0.5-1
Lab Sample ID: 180-202357-4
Date Collected: 03/02/26 09:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		350	41	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Trichloroethene	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Trichlorofluoromethane	ND		350	55	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		690	48	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Trichlorofluoromethane	ND	H H3	5.3	1.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	11	0.95	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Vinyl chloride	ND		350	55	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Vinyl chloride	ND	H H3	5.3	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1
Xylenes, Total	ND		350	97	ug/Kg	☼	03/10/26 22:30	03/12/26 05:31	50
Xylenes, Total	ND	H H3	11	0.74	ug/Kg	☼	03/04/26 10:23	03/13/26 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*03/04/26 10:23*	*03/13/26 15:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*	*03/04/26 10:23*	*03/13/26 15:26*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 141*	*03/04/26 10:23*	*03/13/26 15:26*	*1*
Toluene-d8 (Surr)	*96*		*52 - 141*	*03/04/26 10:23*	*03/13/26 15:26*	*1*
Dibromofluoromethane (Surr)	*112*		*50 - 141*	*03/10/26 22:30*	*03/12/26 05:31*	*50*
1,2-Dichloroethane-d4 (Surr)	*116*		*54 - 135*	*03/10/26 22:30*	*03/12/26 05:31*	*50*
Toluene-d8 (Surr)	*117*		*52 - 141*	*03/10/26 22:30*	*03/12/26 05:31*	*50*
4-Bromofluorobenzene (Surr)	*117*		*50 - 131*	*03/10/26 22:30*	*03/12/26 05:31*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.1**		1.0	1.0	%			03/05/26 02:03	1

Client Sample ID: SSHS-IRM5A2-SCV148-0-0.17
Lab Sample ID: 180-202357-5
Date Collected: 03/02/26 09:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Acenaphthylene	ND		79	17	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Acetophenone	ND		790	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Anthracene	ND		79	20	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Atrazine	ND		790	170	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Benzaldehyde	ND		790	49	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Benzo[a]anthracene	ND		79	36	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Benzo[a]pyrene	ND		79	34	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Benzo[b]fluoranthene	ND		79	19	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Benzo[g,h,i]perylene	ND		79	17	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Benzo[k]fluoranthene	ND		79	24	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Bis(2-chloroethyl)ether	ND		79	24	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Caprolactam	ND		2000	260	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Carbazole	ND		79	18	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Chrysene	ND		79	44	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Dibenz(a,h)anthracene	ND		79	51	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Dibenzofuran	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Dimethyl phthalate	ND		790	440	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Di-n-butyl phthalate	ND		3900	820	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2,4-Dinitrophenol	ND		3900	2500	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
1,4-Dioxane	ND		790	250	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Fluoranthene	**26**	**J**	79	21	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Fluorene	ND		79	16	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Indeno[1,2,3-cd]pyrene	ND		79	39	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Isophorone	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2-Methylnaphthalene	ND		79	19	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1

Client Sample ID: SSHS-IRM5A2-SCV148-0-0.17
Lab Sample ID: 180-202357-5
Date Collected: 03/02/26 09:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Naphthalene	ND		79	15	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Nitrobenzene	ND		790	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Phenanthrene	ND		79	21	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Phenol	ND		390	120	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
Pyrene	ND		79	28	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/04/26 12:54	03/05/26 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*03/04/26 12:54*	*03/05/26 15:16*	*1*
2-Fluorophenol (Surr)	*72*		*48 - 105*	*03/04/26 12:54*	*03/05/26 15:16*	*1*
Nitrobenzene-d5 (Surr)	*67*		*46 - 105*	*03/04/26 12:54*	*03/05/26 15:16*	*1*
Phenol-d5 (Surr)	*72*		*46 - 105*	*03/04/26 12:54*	*03/05/26 15:16*	*1*
Terphenyl-d14 (Surr)	*80*		*39 - 105*	*03/04/26 12:54*	*03/05/26 15:16*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*03/04/26 12:54*	*03/05/26 15:16*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	03/04/26 13:14	03/05/26 08:54	1
PCB-1221	ND		20	7.0	ug/Kg	☼	03/04/26 13:14	03/05/26 08:54	1
PCB-1232	ND		20	4.8	ug/Kg	☼	03/04/26 13:14	03/05/26 08:54	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/04/26 13:14	03/05/26 08:54	1
PCB-1248	ND		20	4.7	ug/Kg	☼	03/04/26 13:14	03/05/26 08:54	1
PCB-1254	ND		20	5.9	ug/Kg	☼	03/04/26 13:14	03/05/26 08:54	1
PCB-1260	ND		20	5.6	ug/Kg	☼	03/04/26 13:14	03/05/26 08:54	1
PCB-1262	ND		20	6.9	ug/Kg	☼	03/04/26 13:14	03/05/26 08:54	1
PCB-1268	ND		20	2.6	ug/Kg	☼	03/04/26 13:14	03/05/26 08:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*66*		*26 - 142*	*03/04/26 13:14*	*03/05/26 08:54*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/04/26 13:14*	*03/05/26 08:54*	*1*
Tetrachloro-m-xylene (Surr)	*81*		*17 - 144*	*03/04/26 13:14*	*03/05/26 08:54*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 144*	*03/04/26 13:14*	*03/05/26 08:54*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.8	2.0	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Aluminum	**14000**		35	10	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1

Client Sample ID: SSHS-IRM5A2-SCV148-0-0.17
Lab Sample ID: 180-202357-5

Date Collected: 03/02/26 09:30
Matrix: Solid

Date Received: 03/04/26 10:13
Percent Solids: 83.5

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		5.8	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Barium	100		0.58	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Beryllium	0.59		0.58	0.12	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Cadmium	0.26	J	0.58	0.12	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Calcium	20000		58	24	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Chromium	16		1.7	0.69	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Cobalt	8.7		0.58	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Copper	20		2.3	0.89	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Iron	23000		23	9.2	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Lead	14		1.7	0.69	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Magnesium	5300		23	4.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Manganese	470		1.2	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Nickel	21		1.2	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Potassium	1600		120	40	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Silver	ND		1.2	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Sodium	67	J	120	46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Zinc	75		2.3	0.92	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1
Vanadium	19		1.2	0.50	mg/Kg	☼	03/06/26 09:15	03/06/26 20:10	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	J	0.068	0.023	mg/Kg	☼	03/05/26 12:30	03/06/26 07:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.5		1.0	1.0	%			03/05/26 21:42	1

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Lab Sample ID: 180-202357-6
Date Collected: 03/02/26 09:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Acenaphthylene	ND		76	16	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Acetophenone	ND		760	130	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Anthracene	ND		76	20	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Atrazine	ND		760	160	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Benzaldehyde	ND	F1	760	47	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Benzo[a]anthracene	ND		76	34	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Benzo[a]pyrene	ND		76	33	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Benzo[b]fluoranthene	**26**	**J**	76	18	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Benzo[g,h,i]perylene	ND		76	16	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Benzo[k]fluoranthene	ND		76	23	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Carbazole	ND		76	18	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Chrysene	ND		76	42	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Fluoranthene	**41**	**J**	76	20	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Fluorene	ND		76	15	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Indeno[1,2,3-cd]pyrene	ND		76	37	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Lab Sample ID: 180-202357-6
Date Collected: 03/02/26 09:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Naphthalene	ND		76	15	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
N-Nitrosodi-n-propylamine	ND		76	25	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Phenanthrene	ND		76	20	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
Pyrene	**29**	**J**	76	27	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*44 - 105*	*03/04/26 12:54*	*03/05/26 12:23*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*03/04/26 12:54*	*03/05/26 12:23*	*1*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*	*03/04/26 12:54*	*03/05/26 12:23*	*1*
Phenol-d5 (Surr)	*72*		*46 - 105*	*03/04/26 12:54*	*03/05/26 12:23*	*1*
Terphenyl-d14 (Surr)	*82*		*39 - 105*	*03/04/26 12:54*	*03/05/26 12:23*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*34 - 108*	*03/04/26 12:54*	*03/05/26 12:23*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/04/26 13:14	03/05/26 06:33	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 13:14	03/05/26 06:33	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 06:33	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:14	03/05/26 06:33	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 13:14	03/05/26 06:33	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 13:14	03/05/26 06:33	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 13:14	03/05/26 06:33	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/04/26 13:14	03/05/26 06:33	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 13:14	03/05/26 06:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/04/26 13:14*	*03/05/26 06:33*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/04/26 13:14*	*03/05/26 06:33*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/04/26 13:14*	*03/05/26 06:33*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/04/26 13:14*	*03/05/26 06:33*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Lab Sample ID: 180-202357-6
Date Collected: 03/02/26 09:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorooctanoic acid (PFOA)	**0.10**	**J**	0.20	0.059	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorooctanesulfonic acid (PFOS)	**0.18**	**J**	0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Lab Sample ID: 180-202357-6
Date Collected: 03/02/26 09:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 13:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*117*		*8 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C5-PFPeA	*116*		*35 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C5-PFHxA	*112*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C4-PFHpA	*114*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C8-PFOA	*107*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C9-PFNA	*94.1*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C6-PFDA	*89.6*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C7-PFUnA	*78.2*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C2 PFDoA	*65.5*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C2-PFTeDA	*60.3*		*20 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C3-PFBS	*103*		*40 - 135*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C3-PFHxS	*97.8*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C8-PFOS	*83.9*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C8-PFOSA	*78.6*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
d3-NMeFOSAA	*75.4*		*40 - 135*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
d5-NEtFOSAA	*72.0*		*40 - 150*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C2 4:2 FTS	*159*		*40 - 165*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C2 6:2 FTS	*108*		*40 - 215*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C2 8:2 FTS	*213*		*40 - 275*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
13C3-HFPO-DA	*106*		*40 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
D7-NMeFOSE	*45.7*		*20 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
D9-NEtFOSE	*39.7*		*15 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
d5-NEtPFOSA	*57.2*		*10 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*
d3-NMePFOSA	*59.5*		*10 - 130*	*03/05/26 14:13*	*03/10/26 13:19*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1	5.7	2.0	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Aluminum	**13000**		34	10	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Arsenic	**6.7**		5.7	1.6	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Barium	**95**	**F1**	0.57	0.17	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Beryllium	**0.56**	**J**	0.57	0.11	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Cadmium	ND		0.57	0.11	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Calcium	**18000**	**F2**	57	24	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Chromium	**16**		1.7	0.69	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Cobalt	**8.9**		0.57	0.17	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Copper	**21**		2.3	0.89	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Iron	**23000**		23	9.2	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Lead	**15**	**F1**	1.7	0.69	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Magnesium	**5200**		23	4.6	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Manganese	**480**		1.1	0.46	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Nickel	**21**		1.1	0.46	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Lab Sample ID: 180-202357-6
Date Collected: 03/02/26 09:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.0

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1600**	**F1**	110	40	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Silver	ND		1.1	0.46	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Sodium	**82**	**J**	110	46	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Zinc	**73**		2.3	0.92	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1
Vanadium	**19**		1.1	0.49	mg/Kg	☼	03/05/26 09:45	03/05/26 20:52	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.036**	**J**	0.069	0.023	mg/Kg	☼	03/05/26 12:30	03/06/26 07:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.0**		1.0	1.0	%			03/05/26 02:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV148-0.5-1
Lab Sample ID: 180-202357-7
Date Collected: 03/02/26 09:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.8

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	16	4.8	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Benzene	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Bromoform	ND	H H3	7.9	4.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Bromomethane	ND	H H3	4.0	0.79	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
2-Butanone (MEK)	ND	H H3	7.9	1.6	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Carbon disulfide	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Carbon tetrachloride	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Chlorobenzene	ND	H H3	4.0	0.72	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Chlorobromomethane	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Chlorodibromomethane	ND	H H3	4.0	0.40	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Chloroethane	ND	H H3	4.0	0.79	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Chloroform	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Chloromethane	ND	H H3	4.0	0.79	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
cis-1,2-Dichloroethene	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
cis-1,3-Dichloropropene	ND	H H3	4.0	0.48	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Cyclohexane	ND	H H3	4.0	0.72	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,2-Dibromo-3-Chloropropane	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,2-Dibromoethane	ND	H H3	4.0	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,2-Dichlorobenzene	ND	H H3	4.0	0.72	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,3-Dichlorobenzene	ND	H H3	4.0	0.79	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,4-Dichlorobenzene	ND	H H3	4.0	0.72	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Dichlorobromomethane	ND	H H3	4.0	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Dichlorodifluoromethane	ND	H H3	4.0	0.79	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,1-Dichloroethane	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,2-Dichloroethane	ND	H H3	4.0	0.48	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,1-Dichloroethene	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,2-Dichloroethene, Total	ND	H H3	7.9	0.79	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,2-Dichloropropane	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,4-Dioxane	ND	H H3	200	29	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Ethylbenzene	ND	H H3	4.0	0.79	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
2-Hexanone	ND	H H3	7.9	2.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Isopropylbenzene	ND	H H3	4.0	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Methyl acetate	**12**	**H H3**	4.0	0.79	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Methylcyclohexane	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Methylene Chloride	**3.4**	**J H H3**	4.0	1.6	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	7.9	1.6	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Methyl tert-butyl ether	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
m-Xylene & p-Xylene	ND	H H3	4.0	1.6	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
o-Xylene	ND	H H3	4.0	0.79	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Styrene	ND	H H3	4.0	0.72	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,1,2,2-Tetrachloroethane	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Tetrachloroethene	ND	H H3	4.0	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Toluene	ND	H H3	4.0	0.79	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
trans-1,2-Dichloroethene	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
trans-1,3-Dichloropropene	ND	H H3	4.0	0.48	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,2,3-Trichlorobenzene	ND	H H3	7.9	4.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,2,4-Trichlorobenzene	ND	H H3	7.9	4.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,1,1-Trichloroethane	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,1,2-Trichloroethane	ND	H H3	4.0	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV148-0.5-1
Lab Sample ID: 180-202357-7
Date Collected: 03/02/26 09:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.8

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Trichlorofluoromethane	ND	H H3	4.0	0.79	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	7.9	0.72	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Vinyl chloride	ND	H H3	4.0	0.64	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1
Xylenes, Total	ND	H H3	7.9	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*	*03/04/26 10:23*	*03/12/26 15:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*03/04/26 10:23*	*03/12/26 15:20*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 141*	*03/04/26 10:23*	*03/12/26 15:20*	*1*
Toluene-d8 (Surr)	*95*		*52 - 141*	*03/04/26 10:23*	*03/12/26 15:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.2		1.0	1.0	%			03/05/26 02:03	1

Client Sample ID: SSHS-IRM5A2-SCV147-0-0.17
Lab Sample ID: 180-202357-8

Date Collected: 03/02/26 09:45
Matrix: Solid

Date Received: 03/04/26 10:13
Percent Solids: 77.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		86	25	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Acenaphthylene	ND		86	19	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Acetophenone	ND		860	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Anthracene	ND		86	22	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Atrazine	ND		860	190	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Benzaldehyde	ND		860	53	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Benzo[a]anthracene	ND		86	38	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Benzo[a]pyrene	ND		86	37	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Benzo[b]fluoranthene	**24**	**J**	86	21	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Benzo[g,h,i]perylene	ND		86	18	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Benzo[k]fluoranthene	ND		86	26	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
1,1'-Biphenyl	ND		420	160	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Bis(2-chloroethoxy)methane	ND		420	160	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Bis(2-chloroethyl)ether	ND		86	26	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Butyl benzyl phthalate	ND		2100	290	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Caprolactam	ND		2200	280	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Carbazole	ND		86	20	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2-Chloronaphthalene	ND		86	20	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Chrysene	ND		86	47	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Dibenz(a,h)anthracene	ND		86	55	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Dibenzofuran	ND		420	160	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
3,3'-Dichlorobenzidine	ND		420	400	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2,4-Dichlorophenol	ND		86	33	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Dimethyl phthalate	ND		860	470	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Di-n-butyl phthalate	ND		4200	890	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
4,6-Dinitro-2-methylphenol	ND		2200	730	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2,6-Dinitrotoluene	ND		420	170	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
1,4-Dioxane	ND		860	270	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Fluoranthene	**36**	**J**	86	22	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Fluorene	ND		86	17	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Hexachlorobenzene	ND		86	31	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Hexachlorobutadiene	ND		86	25	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Hexachlorocyclopentadiene	ND		420	120	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Hexachloroethane	ND		420	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Indeno[1,2,3-cd]pyrene	ND		86	42	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Isophorone	ND		420	160	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2-Methylnaphthalene	ND		86	20	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2-Methylphenol	ND		420	120	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1

Client Sample ID: SSHS-IRM5A2-SCV147-0-0.17
Lab Sample ID: 180-202357-8
Date Collected: 03/02/26 09:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 77.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		420	130	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Naphthalene	ND		86	17	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2-Nitroaniline	ND		2200	190	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Nitrobenzene	ND		860	160	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
N-Nitrosodi-n-propylamine	ND		86	29	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2,2'-oxybis[1-chloropropane]	ND		86	32	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Pentachlorophenol	ND		2200	680	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Phenanthrene	ND		86	23	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Phenol	ND		420	130	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
Pyrene	ND		86	30	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*03/04/26 12:54*	*03/05/26 15:37*	*1*
2-Fluorophenol (Surr)	*72*		*48 - 105*	*03/04/26 12:54*	*03/05/26 15:37*	*1*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*	*03/04/26 12:54*	*03/05/26 15:37*	*1*
Phenol-d5 (Surr)	*71*		*46 - 105*	*03/04/26 12:54*	*03/05/26 15:37*	*1*
Terphenyl-d14 (Surr)	*81*		*39 - 105*	*03/04/26 12:54*	*03/05/26 15:37*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*34 - 108*	*03/04/26 12:54*	*03/05/26 15:37*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.8	ug/Kg	☼	03/04/26 13:14	03/05/26 09:11	1
PCB-1221	ND		21	7.4	ug/Kg	☼	03/04/26 13:14	03/05/26 09:11	1
PCB-1232	ND		21	5.1	ug/Kg	☼	03/04/26 13:14	03/05/26 09:11	1
PCB-1242	ND		21	3.1	ug/Kg	☼	03/04/26 13:14	03/05/26 09:11	1
PCB-1248	ND		21	5.0	ug/Kg	☼	03/04/26 13:14	03/05/26 09:11	1
PCB-1254	ND		21	6.3	ug/Kg	☼	03/04/26 13:14	03/05/26 09:11	1
PCB-1260	ND		21	6.0	ug/Kg	☼	03/04/26 13:14	03/05/26 09:11	1
PCB-1262	ND		21	7.4	ug/Kg	☼	03/04/26 13:14	03/05/26 09:11	1
PCB-1268	ND		21	2.8	ug/Kg	☼	03/04/26 13:14	03/05/26 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*72*		*26 - 142*	*03/04/26 13:14*	*03/05/26 09:11*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*26 - 142*	*03/04/26 13:14*	*03/05/26 09:11*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*	*03/04/26 13:14*	*03/05/26 09:11*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/04/26 13:14*	*03/05/26 09:11*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.9	2.0	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Aluminum	**12000**		35	11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV147-0-0.17
Lab Sample ID: 180-202357-8
Date Collected: 03/02/26 09:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 77.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		5.9	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Barium	84		0.59	0.18	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Beryllium	0.52	J	0.59	0.12	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Cadmium	0.18	J	0.59	0.12	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Calcium	16000		59	25	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Chromium	14		1.8	0.70	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Cobalt	7.8		0.59	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Copper	18		2.3	0.90	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Iron	20000		23	9.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Lead	13		1.8	0.70	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Magnesium	5400		23	4.7	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Manganese	430		1.2	0.47	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Nickel	18		1.2	0.47	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Potassium	1500		120	41	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Selenium	ND		5.9	1.8	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Silver	ND		1.2	0.47	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Sodium	100	J	120	47	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Zinc	64		2.3	0.94	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1
Vanadium	16		1.2	0.50	mg/Kg	☼	03/06/26 09:15	03/06/26 20:13	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026	J	0.075	0.025	mg/Kg	☼	03/05/26 12:30	03/06/26 07:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	22.4		1.0	1.0	%			03/05/26 02:03	1

Client Sample ID: SSHS-IRM5A2-SCV147-0.17-1
Lab Sample ID: 180-202357-9
Date Collected: 03/02/26 09:50
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Acenaphthylene	ND		79	17	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Acetophenone	ND		790	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Anthracene	ND		79	20	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Atrazine	ND		790	170	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Benzaldehyde	ND		790	49	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Benzo[a]anthracene	ND		79	36	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Benzo[a]pyrene	ND		79	34	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Benzo[b]fluoranthene	**23**	**J**	79	19	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Benzo[g,h,i]perylene	ND		79	17	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Benzo[k]fluoranthene	ND		79	24	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Bis(2-chloroethyl)ether	ND		79	24	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Caprolactam	ND		2000	260	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Carbazole	ND		79	18	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Chrysene	ND		79	44	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Dibenz(a,h)anthracene	ND		79	51	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Dibenzofuran	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Dimethyl phthalate	ND		790	440	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Di-n-butyl phthalate	ND		3900	820	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
1,4-Dioxane	ND		790	250	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Fluoranthene	**37**	**J**	79	21	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Fluorene	ND		79	15	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Indeno[1,2,3-cd]pyrene	ND		79	39	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Isophorone	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2-Methylnaphthalene	ND		79	19	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1

Client Sample ID: SSHS-IRM5A2-SCV147-0.17-1
Lab Sample ID: 180-202357-9
Date Collected: 03/02/26 09:50
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Naphthalene	ND		79	15	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Nitrobenzene	ND		790	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Phenanthrene	**33**	**J**	79	21	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Phenol	ND		390	120	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
Pyrene	**36**	**J**	79	28	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/04/26 12:54	03/05/26 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*03/04/26 12:54*	*03/05/26 15:59*	*1*
2-Fluorophenol (Surr)	*69*		*48 - 105*	*03/04/26 12:54*	*03/05/26 15:59*	*1*
Nitrobenzene-d5 (Surr)	*68*		*46 - 105*	*03/04/26 12:54*	*03/05/26 15:59*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*03/04/26 12:54*	*03/05/26 15:59*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 105*	*03/04/26 12:54*	*03/05/26 15:59*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*34 - 108*	*03/04/26 12:54*	*03/05/26 15:59*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	03/04/26 13:14	03/05/26 09:29	1
PCB-1221	ND		20	7.1	ug/Kg	☼	03/04/26 13:14	03/05/26 09:29	1
PCB-1232	ND		20	4.9	ug/Kg	☼	03/04/26 13:14	03/05/26 09:29	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/04/26 13:14	03/05/26 09:29	1
PCB-1248	ND		20	4.8	ug/Kg	☼	03/04/26 13:14	03/05/26 09:29	1
PCB-1254	ND		20	6.0	ug/Kg	☼	03/04/26 13:14	03/05/26 09:29	1
PCB-1260	ND		20	5.7	ug/Kg	☼	03/04/26 13:14	03/05/26 09:29	1
PCB-1262	ND		20	7.1	ug/Kg	☼	03/04/26 13:14	03/05/26 09:29	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/04/26 13:14	03/05/26 09:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/04/26 13:14*	*03/05/26 09:29*	*1*
DCB Decachlorobiphenyl (Surr)	*77*		*26 - 142*	*03/04/26 13:14*	*03/05/26 09:29*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/04/26 13:14*	*03/05/26 09:29*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*17 - 144*	*03/04/26 13:14*	*03/05/26 09:29*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.7	2.0	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Aluminum	**13000**		34	10	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV147-0.17-1
Lab Sample ID: 180-202357-9
Date Collected: 03/02/26 09:50
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.1

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		5.7	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Barium	93		0.57	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Beryllium	0.58		0.57	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Cadmium	0.26	J	0.57	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Calcium	19000		57	24	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Chromium	17		1.7	0.69	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Cobalt	8.7		0.57	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Copper	19		2.3	0.89	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Iron	22000		23	9.2	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Lead	14		1.7	0.69	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Magnesium	5300		23	4.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Manganese	470		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Nickel	20		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Potassium	1500		110	40	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Silver	ND		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Sodium	76	J	110	46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Zinc	74		2.3	0.92	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1
Vanadium	19		1.1	0.49	mg/Kg	☼	03/06/26 09:15	03/06/26 20:16	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042	J	0.072	0.024	mg/Kg	☼	03/09/26 10:45	03/09/26 20:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.9		1.0	1.0	%			03/05/26 02:03	1

Client Sample ID: SSHS-IRM5A2-SCV146-0-0.17
Lab Sample ID: 180-202357-10

Date Collected: 03/02/26 10:00
Matrix: Solid

Date Received: 03/04/26 10:13
Percent Solids: 86.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Acetophenone	ND		770	140	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Anthracene	ND		77	20	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Atrazine	ND		770	170	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Benzo[a]anthracene	ND		77	35	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Benzo[a]pyrene	ND		77	33	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Benzo[b]fluoranthene	**33**	**J**	77	19	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Benzo[g,h,i]perylene	ND		77	17	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Benzo[k]fluoranthene	ND		77	23	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Carbazole	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Chrysene	ND		77	43	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Dimethyl phthalate	ND		770	430	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Fluoranthene	**44**	**J**	77	20	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Fluorene	ND		77	15	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Hexachlorobenzene	ND		77	28	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Indeno[1,2,3-cd]pyrene	ND		77	38	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Isophorone	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1

Client Sample ID: SSHS-IRM5A2-SCV146-0-0.17
Lab Sample ID: 180-202357-10

Date Collected: 03/02/26 10:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Naphthalene	ND		77	15	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Phenanthrene	ND		77	21	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Phenol	ND		380	120	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
Pyrene	**30**	**J**	77	27	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*03/04/26 12:54*	*03/05/26 16:21*	*1*
2-Fluorophenol (Surr)	*63*		*48 - 105*	*03/04/26 12:54*	*03/05/26 16:21*	*1*
Nitrobenzene-d5 (Surr)	*63*		*46 - 105*	*03/04/26 12:54*	*03/05/26 16:21*	*1*
Phenol-d5 (Surr)	*63*		*46 - 105*	*03/04/26 12:54*	*03/05/26 16:21*	*1*
Terphenyl-d14 (Surr)	*72*		*39 - 105*	*03/04/26 12:54*	*03/05/26 16:21*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*34 - 108*	*03/04/26 12:54*	*03/05/26 16:21*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/04/26 13:14	03/05/26 09:47	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 13:14	03/05/26 09:47	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 09:47	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:14	03/05/26 09:47	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 13:14	03/05/26 09:47	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 13:14	03/05/26 09:47	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 13:14	03/05/26 09:47	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/04/26 13:14	03/05/26 09:47	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 13:14	03/05/26 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*26 - 142*	*03/04/26 13:14*	*03/05/26 09:47*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*26 - 142*	*03/04/26 13:14*	*03/05/26 09:47*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/04/26 13:14*	*03/05/26 09:47*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/04/26 13:14*	*03/05/26 09:47*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1	5.4	1.8	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Aluminum	**13000**		32	9.6	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV146-0-0.17
Lab Sample ID: 180-202357-10
Date Collected: 03/02/26 10:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		5.4	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Barium	94	F1	0.54	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Beryllium	0.57		0.54	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Cadmium	0.31	J	0.54	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Calcium	19000	F2	54	23	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Chromium	15		1.6	0.64	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Cobalt	8.7		0.54	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Copper	20		2.1	0.83	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Iron	23000		21	8.6	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Lead	14		1.6	0.64	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Magnesium	5300		21	4.3	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Manganese	480		1.1	0.43	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Nickel	21		1.1	0.43	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Potassium	1600	F1	110	38	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Selenium	ND		5.4	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Silver	ND		1.1	0.43	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Sodium	88	J	110	43	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Zinc	72		2.1	0.86	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1
Vanadium	18		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 19:28	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	J	0.068	0.023	mg/Kg	☼	03/05/26 12:30	03/06/26 07:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.6		1.0	1.0	%			03/05/26 02:03	1

Client Sample ID: SSHS-IRM5A2-SCV146-0.17-1
Lab Sample ID: 180-202357-11
Date Collected: 03/02/26 10:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Acenaphthylene	ND		74	16	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Acetophenone	ND		740	130	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Anthracene	ND		74	19	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Atrazine	ND		740	160	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Benzaldehyde	ND		740	46	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Benzo[a]anthracene	ND		74	33	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Benzo[a]pyrene	ND		74	32	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Benzo[b]fluoranthene	**34**	**J**	74	18	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Benzo[g,h,i]perylene	**22**	**J**	74	16	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Benzo[k]fluoranthene	ND		74	22	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Bis(2-chloroethyl)ether	ND		74	23	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Bis(2-ethylhexyl) phthalate	ND		3700	390	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Carbazole	ND		74	17	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
4-Chloroaniline	ND		370	97	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Chrysene	ND		74	41	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
3,3'-Dichlorobenzidine	ND		370	340	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2,4-Dimethylphenol	ND		370	120	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Dimethyl phthalate	ND		740	410	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Di-n-butyl phthalate	ND		3700	770	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2,6-Dinitrotoluene	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Di-n-octyl phthalate	ND		370	210	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
1,4-Dioxane	ND		740	230	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Fluoranthene	**39**	**J**	74	19	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Fluorene	ND		74	15	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Indeno[1,2,3-cd]pyrene	ND		74	37	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1

Client Sample ID: SSHS-IRM5A2-SCV146-0.17-1
Lab Sample ID: 180-202357-11
Date Collected: 03/02/26 10:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Naphthalene	ND		74	14	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Nitrobenzene	ND		740	140	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Phenanthrene	ND		74	20	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
Pyrene	**34**	**J**	74	26	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2,3,4,6-Tetrachlorophenol	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/04/26 12:54	03/09/26 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*44 - 105*	*03/04/26 12:54*	*03/09/26 18:19*	*1*
2-Fluorophenol (Surr)	*70*		*48 - 105*	*03/04/26 12:54*	*03/09/26 18:19*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*03/04/26 12:54*	*03/09/26 18:19*	*1*
Phenol-d5 (Surr)	*71*		*46 - 105*	*03/04/26 12:54*	*03/09/26 18:19*	*1*
Terphenyl-d14 (Surr)	*84*		*39 - 105*	*03/04/26 12:54*	*03/09/26 18:19*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*34 - 108*	*03/04/26 12:54*	*03/09/26 18:19*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/04/26 13:14	03/05/26 10:04	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 13:14	03/05/26 10:04	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 10:04	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:14	03/05/26 10:04	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 13:14	03/05/26 10:04	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 13:14	03/05/26 10:04	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 13:14	03/05/26 10:04	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/04/26 13:14	03/05/26 10:04	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 13:14	03/05/26 10:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*77*		*26 - 142*	*03/04/26 13:14*	*03/05/26 10:04*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*26 - 142*	*03/04/26 13:14*	*03/05/26 10:04*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/04/26 13:14*	*03/05/26 10:04*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*17 - 144*	*03/04/26 13:14*	*03/05/26 10:04*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.2	1.8	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Aluminum	**11000**		31	9.3	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1

Client Sample ID: SSHS-IRM5A2-SCV146-0.17-1
Lab Sample ID: 180-202357-11

Date Collected: 03/02/26 10:05
Matrix: Solid

Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		5.2	1.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Barium	66		0.52	0.15	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Beryllium	0.46	J	0.52	0.10	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Cadmium	0.27	J	0.52	0.10	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Calcium	45000		52	22	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Chromium	14		1.5	0.62	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Cobalt	7.6		0.52	0.15	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Copper	24		2.1	0.79	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Iron	20000		21	8.3	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Lead	15		1.5	0.62	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Magnesium	9600		21	4.1	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Manganese	440		1.0	0.41	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Nickel	19		1.0	0.41	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Potassium	1300		100	36	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Selenium	ND		5.2	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Silver	ND		1.0	0.41	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Sodium	96	J	100	41	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Thallium	ND		3.1	1.3	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Zinc	71		2.1	0.83	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1
Vanadium	16		1.0	0.44	mg/Kg	☼	03/06/26 09:15	03/06/26 20:19	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	J	0.065	0.022	mg/Kg	☼	03/05/26 12:30	03/06/26 07:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.9		1.0	1.0	%			03/05/26 02:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV146-0.5-1
Lab Sample ID: 180-202357-12
Date Collected: 03/02/26 10:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	*1	1300	400	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Benzene	ND		330	33	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Bromoform	ND		660	330	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Bromomethane	ND	*1	330	110	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
2-Butanone (MEK)	ND		660	130	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Acetone	ND	H H3	21	6.3	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Benzene	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Carbon disulfide	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Bromoform	ND	H H3	10	5.2	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Carbon tetrachloride	ND		330	130	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Bromomethane	ND	H H3	5.2	1.0	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Chlorobenzene	ND		330	33	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
2-Butanone (MEK)	ND	H H3	10	2.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Chlorobromomethane	ND		330	46	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Carbon disulfide	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Chlorodibromomethane	ND		330	130	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Carbon tetrachloride	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Chloroethane	ND	*1	330	99	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Chlorobenzene	ND	H H3	5.2	0.94	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Chloroform	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Chlorobromomethane	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Chloromethane	ND		330	60	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Chlorodibromomethane	ND	H H3	5.2	0.52	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
cis-1,2-Dichloroethene	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Chloroethane	ND	H H3	5.2	1.0	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
cis-1,3-Dichloropropene	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Chloroform	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Cyclohexane	ND		330	33	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,2-Dibromo-3-Chloropropane	ND		330	66	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Chloromethane	ND	H H3	5.2	1.0	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,2-Dibromoethane	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
cis-1,2-Dichloroethene	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
cis-1,3-Dichloropropene	ND	H H3	5.2	0.63	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,2-Dichlorobenzene	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Cyclohexane	ND	H H3	5.2	0.94	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,2-Dibromo-3-Chloropropane	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,3-Dichlorobenzene	ND		330	33	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,2-Dibromoethane	ND	H H3	5.2	0.73	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,4-Dichlorobenzene	ND		330	33	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,2-Dichlorobenzene	ND	H H3	5.2	0.94	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Dichlorobromomethane	ND		330	46	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,3-Dichlorobenzene	ND	H H3	5.2	1.0	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Dichlorodifluoromethane	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,1-Dichloroethane	ND		330	33	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,4-Dichlorobenzene	ND	H H3	5.2	0.94	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,2-Dichloroethane	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Dichlorobromomethane	ND	H H3	5.2	0.73	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Dichlorodifluoromethane	ND	H H3	5.2	1.0	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,1-Dichloroethane	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV146-0.5-1
Lab Sample ID: 180-202357-12
Date Collected: 03/02/26 10:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,2-Dichloroethane	ND	H H3	5.2	0.63	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,2-Dichloroethene, Total	ND		660	66	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,1-Dichloroethene	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,2-Dichloropropane	ND		330	33	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,2-Dichloroethene, Total	ND	H H3	10	1.0	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,4-Dioxane	ND		17000	3600	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,2-Dichloropropane	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Ethylbenzene	ND		330	27	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,4-Dioxane	ND	H H3	260	39	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
2-Hexanone	ND		660	99	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Ethylbenzene	ND	H H3	5.2	1.0	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Isopropylbenzene	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
2-Hexanone	ND	H H3	10	2.6	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Methyl acetate	**190**	**J**	330	66	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Isopropylbenzene	ND	H H3	5.2	1.6	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Methylcyclohexane	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Methyl acetate	ND	H H3	5.2	1.0	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Methylene Chloride	ND		330	130	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
4-Methyl-2-pentanone (MIBK)	ND		660	99	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Methylcyclohexane	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Methyl tert-butyl ether	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Methylene Chloride	**6.5**	**H H3**	5.2	2.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	10	2.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
m-Xylene & p-Xylene	ND		330	66	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Methyl tert-butyl ether	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
o-Xylene	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
m-Xylene & p-Xylene	ND	H H3	5.2	2.1	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Styrene	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,1,2,2-Tetrachloroethane	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
o-Xylene	ND	H H3	5.2	1.0	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Styrene	ND	H H3	5.2	0.94	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Tetrachloroethene	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,1,2,2-Tetrachloroethane	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Toluene	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Tetrachloroethene	ND	H H3	5.2	1.6	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Toluene	ND	H H3	5.2	1.0	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
trans-1,2-Dichloroethene	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
trans-1,2-Dichloroethene	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
trans-1,3-Dichloropropene	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,2,3-Trichlorobenzene	ND		660	330	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
trans-1,3-Dichloropropene	ND	H H3	5.2	0.63	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,2,3-Trichlorobenzene	ND	H H3	10	5.2	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,2,4-Trichlorobenzene	ND		660	330	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,1,1-Trichloroethane	ND		330	46	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,2,4-Trichlorobenzene	ND	H H3	10	5.2	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,1,1-Trichloroethane	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,1,2-Trichloroethane	ND		330	33	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,1,2-Trichloroethane	ND	H H3	5.2	0.73	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV146-0.5-1
Lab Sample ID: 180-202357-12
Date Collected: 03/02/26 10:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		330	40	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Trichloroethene	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Trichlorofluoromethane	ND		330	53	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		660	46	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Trichlorofluoromethane	ND	H H3	5.2	1.0	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	10	0.94	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Vinyl chloride	ND		330	53	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Vinyl chloride	ND	H H3	5.2	0.84	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1
Xylenes, Total	ND		330	93	ug/Kg	☼	03/10/26 22:30	03/12/26 05:52	50
Xylenes, Total	ND	H H3	10	0.73	ug/Kg	☼	03/04/26 10:23	03/13/26 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*	*03/04/26 10:23*	*03/13/26 15:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*	*03/04/26 10:23*	*03/13/26 15:49*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 141*	*03/04/26 10:23*	*03/13/26 15:49*	*1*
Toluene-d8 (Surr)	*95*		*52 - 141*	*03/04/26 10:23*	*03/13/26 15:49*	*1*
Dibromofluoromethane (Surr)	*107*		*50 - 141*	*03/10/26 22:30*	*03/12/26 05:52*	*50*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*03/10/26 22:30*	*03/12/26 05:52*	*50*
Toluene-d8 (Surr)	*114*		*52 - 141*	*03/10/26 22:30*	*03/12/26 05:52*	*50*
4-Bromofluorobenzene (Surr)	*112*		*50 - 131*	*03/10/26 22:30*	*03/12/26 05:52*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.9**		1.0	1.0	%			03/05/26 02:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV145-0-0.17
Lab Sample ID: 180-202357-13
Date Collected: 03/02/26 10:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	22	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Acenaphthylene	**27**	**J**	78	17	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Acetophenone	ND		780	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Anthracene	**49**	**J**	78	20	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Atrazine	ND		780	170	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Benzaldehyde	ND		780	48	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Benzo[a]anthracene	**170**		78	35	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Benzo[a]pyrene	**150**		78	34	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Benzo[b]fluoranthene	**180**		78	19	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Benzo[g,h,i]perylene	**110**		78	17	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Benzo[k]fluoranthene	**95**		78	23	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Bis(2-chloroethyl)ether	ND		78	24	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Butyl benzyl phthalate	ND		1900	270	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Carbazole	ND		78	18	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Chrysene	**190**		78	43	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Dibenz(a,h)anthracene	ND		78	50	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Dimethyl phthalate	ND		780	430	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Di-n-butyl phthalate	ND		3800	810	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Di-n-octyl phthalate	ND		380	230	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
1,4-Dioxane	ND		780	240	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Fluoranthene	**490**		78	20	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Fluorene	ND		78	15	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Indeno[1,2,3-cd]pyrene	**86**		78	39	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Isophorone	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2-Methylnaphthalene	ND		78	19	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1

Client Sample ID: SSHS-IRM5A2-SCV145-0-0.17
Lab Sample ID: 180-202357-13
Date Collected: 03/02/26 10:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Naphthalene	ND		78	15	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Nitrobenzene	ND		780	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Phenanthrene	**270**		78	21	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Phenol	ND		380	120	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
Pyrene	**320**		78	27	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*44 - 105*	*03/04/26 12:54*	*03/05/26 17:04*	*1*
2-Fluorophenol (Surr)	*72*		*48 - 105*	*03/04/26 12:54*	*03/05/26 17:04*	*1*
Nitrobenzene-d5 (Surr)	*68*		*46 - 105*	*03/04/26 12:54*	*03/05/26 17:04*	*1*
Phenol-d5 (Surr)	*73*		*46 - 105*	*03/04/26 12:54*	*03/05/26 17:04*	*1*
Terphenyl-d14 (Surr)	*81*		*39 - 105*	*03/04/26 12:54*	*03/05/26 17:04*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*	*03/04/26 12:54*	*03/05/26 17:04*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/04/26 13:14	03/05/26 10:22	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 13:14	03/05/26 10:22	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 10:22	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:14	03/05/26 10:22	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 10:22	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 13:14	03/05/26 10:22	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 13:14	03/05/26 10:22	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/04/26 13:14	03/05/26 10:22	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 13:14	03/05/26 10:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*26 - 142*	*03/04/26 13:14*	*03/05/26 10:22*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/04/26 13:14*	*03/05/26 10:22*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 144*	*03/04/26 13:14*	*03/05/26 10:22*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*17 - 144*	*03/04/26 13:14*	*03/05/26 10:22*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV145-0-0.17
Lab Sample ID: 180-202357-13
Date Collected: 03/02/26 10:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorooctanoic acid (PFOA)	**0.19**	**J**	0.20	0.059	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorodecanoic acid (PFDA)	**0.060**	**J**	0.20	0.059	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorooctanesulfonic acid (PFOS)	**0.43**		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1

Client Sample ID: SSHS-IRM5A2-SCV145-0-0.17
Lab Sample ID: 180-202357-13
Date Collected: 03/02/26 10:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*108*		*8 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C5-PFPeA	*108*		*35 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C5-PFHxA	*106*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C4-PFHpA	*107*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C8-PFOA	*99.7*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C9-PFNA	*85.7*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C6-PFDA	*92.7*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C7-PFUnA	*93.2*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C2 PFDoA	*82.5*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C2-PFTeDA	*75.6*		*20 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C3-PFBS	*97.2*		*40 - 135*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C3-PFHxS	*95.2*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C8-PFOS	*91.1*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C8-PFOSA	*78.2*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
d3-NMeFOSAA	*98.0*		*40 - 135*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
d5-NEtFOSAA	*102*		*40 - 150*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C2 4:2 FTS	*214*	*5+	*40 - 165*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C2 6:2 FTS	*124*		*40 - 215*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C2 8:2 FTS	*261*		*40 - 275*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
13C3-HFPO-DA	*101*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
D7-NMeFOSE	*65.6*		*20 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
D9-NEtFOSE	*61.8*		*15 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
d5-NEtPFOSA	*69.8*		*10 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*
d3-NMePFOSA	*71.8*		*10 - 130*	*03/05/26 14:13*	*03/10/26 14:00*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.9	2.0	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Aluminum	**12000**		35	11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Arsenic	**8.8**		5.9	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Barium	**81**		0.59	0.18	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Beryllium	**0.52**	**J**	0.59	0.12	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Cadmium	**0.26**	**J**	0.59	0.12	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Calcium	**24000**		59	25	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Chromium	**16**		1.8	0.70	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Cobalt	**8.4**		0.59	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Copper	**23**		2.3	0.90	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Iron	**22000**		23	9.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Lead	**17**		1.8	0.70	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Magnesium	**6900**		23	4.7	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Manganese	**480**		1.2	0.47	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Nickel	**21**		1.2	0.47	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV145-0-0.17
Lab Sample ID: 180-202357-13
Date Collected: 03/02/26 10:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.1

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1600**		120	41	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Selenium	ND		5.9	1.8	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Silver	ND		1.2	0.47	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Sodium	**76**	**J**	120	47	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Zinc	**79**		2.3	0.94	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1
Vanadium	**17**		1.2	0.51	mg/Kg	☼	03/06/26 09:15	03/06/26 20:22	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.048**	**J**	0.068	0.023	mg/Kg	☼	03/05/26 12:30	03/06/26 07:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.9**		1.0	1.0	%			03/05/26 02:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV145-0.17-1
Lab Sample ID: 180-202357-14
Date Collected: 03/02/26 10:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	21	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Acetophenone	ND		750	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Anthracene	**20**	**J**	75	19	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Atrazine	ND		750	160	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Benzaldehyde	ND		750	46	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Benzo[a]anthracene	**110**		75	34	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Benzo[a]pyrene	**110**		75	32	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Benzo[b]fluoranthene	**140**		75	18	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Benzo[g,h,i]perylene	**89**		75	16	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Benzo[k]fluoranthene	**67**	**J**	75	22	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Carbazole	ND		75	17	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Chrysene	**130**		75	41	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2,4-Dimethylphenol	ND		370	120	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Di-n-butyl phthalate	ND		3700	770	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Fluoranthene	**300**		75	20	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Fluorene	ND		75	15	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Indeno[1,2,3-cd]pyrene	**71**	**J**	75	37	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1

Client Sample ID: SSHS-IRM5A2-SCV145-0.17-1
Lab Sample ID: 180-202357-14
Date Collected: 03/02/26 10:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Naphthalene	ND		75	15	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Phenanthrene	**110**		75	20	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
Pyrene	**190**		75	26	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/04/26 12:54	03/05/26 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*44 - 105*	*03/04/26 12:54*	*03/05/26 17:25*	*1*
2-Fluorophenol (Surr)	*60*		*48 - 105*	*03/04/26 12:54*	*03/05/26 17:25*	*1*
Nitrobenzene-d5 (Surr)	*59*		*46 - 105*	*03/04/26 12:54*	*03/05/26 17:25*	*1*
Phenol-d5 (Surr)	*62*		*46 - 105*	*03/04/26 12:54*	*03/05/26 17:25*	*1*
Terphenyl-d14 (Surr)	*67*		*39 - 105*	*03/04/26 12:54*	*03/05/26 17:25*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*34 - 108*	*03/04/26 12:54*	*03/05/26 17:25*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/04/26 13:14	03/05/26 10:39	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/04/26 13:14	03/05/26 10:39	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 10:39	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/04/26 13:14	03/05/26 10:39	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 13:14	03/05/26 10:39	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/04/26 13:14	03/05/26 10:39	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/04/26 13:14	03/05/26 10:39	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/04/26 13:14	03/05/26 10:39	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 13:14	03/05/26 10:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*26 - 142*	*03/04/26 13:14*	*03/05/26 10:39*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*	*03/04/26 13:14*	*03/05/26 10:39*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 144*	*03/04/26 13:14*	*03/05/26 10:39*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*	*03/04/26 13:14*	*03/05/26 10:39*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.5	1.9	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Aluminum	**12000**		33	9.9	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV145-0.17-1
Lab Sample ID: 180-202357-14
Date Collected: 03/02/26 10:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.8

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.9		5.5	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Barium	81		0.55	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Beryllium	0.57		0.55	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Cadmium	0.27	J	0.55	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Calcium	18000		55	23	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Chromium	16		1.6	0.66	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Cobalt	10		0.55	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Copper	22		2.2	0.84	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Iron	23000		22	8.8	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Lead	21		1.6	0.66	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Magnesium	6200		22	4.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Manganese	510		1.1	0.44	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Nickel	21		1.1	0.44	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Potassium	1600		110	38	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Selenium	ND		5.5	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Sodium	69	J	110	44	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Zinc	79		2.2	0.88	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1
Vanadium	18		1.1	0.47	mg/Kg	☼	03/06/26 09:15	03/06/26 20:37	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044	J	0.065	0.022	mg/Kg	☼	03/05/26 12:30	03/06/26 07:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.2		1.0	1.0	%			03/05/26 02:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV145-0.5-1
Lab Sample ID: 180-202357-15
Date Collected: 03/02/26 10:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H	20	6.1	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Benzene	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Bromoform	ND	H	10	5.1	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Bromomethane	ND	H	5.1	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
2-Butanone (MEK)	ND	H	10	2.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Carbon disulfide	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Carbon tetrachloride	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Chlorobenzene	ND	H	5.1	0.91	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Chlorobromomethane	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Chlorodibromomethane	ND	H	5.1	0.51	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Chloroethane	ND	H	5.1	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Chloroform	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Chloromethane	ND	H	5.1	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
cis-1,2-Dichloroethene	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
cis-1,3-Dichloropropene	ND	H	5.1	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Cyclohexane	ND	H	5.1	0.91	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,2-Dibromo-3-Chloropropane	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,2-Dibromoethane	ND	H	5.1	0.71	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,2-Dichlorobenzene	ND	H	5.1	0.91	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,3-Dichlorobenzene	ND	H	5.1	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,4-Dichlorobenzene	ND	H	5.1	0.91	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Dichlorobromomethane	ND	H	5.1	0.71	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Dichlorodifluoromethane	ND	H	5.1	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,1-Dichloroethane	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,2-Dichloroethane	ND	H	5.1	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,1-Dichloroethene	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,2-Dichloroethene, Total	ND	H	10	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,2-Dichloropropane	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,4-Dioxane	ND	H	250	37	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Ethylbenzene	ND	H	5.1	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
2-Hexanone	ND	H	10	2.5	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Isopropylbenzene	ND	H	5.1	1.5	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Methyl acetate	**22**	**H**	5.1	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Methylcyclohexane	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Methylene Chloride	**6.5**	**H**	5.1	2.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
4-Methyl-2-pentanone (MIBK)	ND	H	10	2.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Methyl tert-butyl ether	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
m-Xylene & p-Xylene	ND	H	5.1	2.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
o-Xylene	ND	H	5.1	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Styrene	ND	H	5.1	0.91	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,1,2,2-Tetrachloroethane	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Tetrachloroethene	ND	H	5.1	1.5	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Toluene	ND	H	5.1	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
trans-1,2-Dichloroethene	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
trans-1,3-Dichloropropene	ND	H	5.1	0.61	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,2,3-Trichlorobenzene	ND	H	10	5.1	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,2,4-Trichlorobenzene	ND	H	10	5.1	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,1,1-Trichloroethane	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,1,2-Trichloroethane	ND	H	5.1	0.71	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV145-0.5-1
Lab Sample ID: 180-202357-15
Date Collected: 03/02/26 10:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Trichlorofluoromethane	ND	H	5.1	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	10	0.91	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Vinyl chloride	ND	H	5.1	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1
Xylenes, Total	ND	H	10	0.71	ug/Kg	☼	03/04/26 10:23	03/12/26 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*03/04/26 10:23*	*03/12/26 15:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*	*03/04/26 10:23*	*03/12/26 15:43*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*03/04/26 10:23*	*03/12/26 15:43*	*1*
Toluene-d8 (Surr)	*97*		*52 - 141*	*03/04/26 10:23*	*03/12/26 15:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.1**		1.0	1.0	%			03/05/26 02:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV144-0-0.17
Lab Sample ID: 180-202357-16
Date Collected: 03/02/26 10:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Acetophenone	ND		770	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Anthracene	ND		77	20	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Atrazine	ND		770	170	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Benzo[a]anthracene	**40**	**J**	77	35	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Benzo[a]pyrene	**39**	**J**	77	33	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Benzo[b]fluoranthene	**47**	**J**	77	19	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Benzo[g,h,i]perylene	**32**	**J**	77	17	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Benzo[k]fluoranthene	**34**	**J**	77	23	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Carbazole	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Chrysene	**48**	**J**	77	43	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Dimethyl phthalate	ND		770	420	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Fluoranthene	**89**		77	20	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Fluorene	ND		77	15	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Indeno[1,2,3-cd]pyrene	ND		77	38	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Isophorone	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1

Client Sample ID: SSHS-IRM5A2-SCV144-0-0.17
Lab Sample ID: 180-202357-16
Date Collected: 03/02/26 10:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Naphthalene	ND		77	15	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2-Nitroaniline	ND		2000	170	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Phenanthrene	**31**	**J**	77	21	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Phenol	ND		380	120	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
Pyrene	**62**	**J**	77	27	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*03/04/26 12:54*	*03/05/26 17:47*	*1*
2-Fluorophenol (Surr)	*68*		*48 - 105*	*03/04/26 12:54*	*03/05/26 17:47*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*	*03/04/26 12:54*	*03/05/26 17:47*	*1*
Phenol-d5 (Surr)	*70*		*46 - 105*	*03/04/26 12:54*	*03/05/26 17:47*	*1*
Terphenyl-d14 (Surr)	*75*		*39 - 105*	*03/04/26 12:54*	*03/05/26 17:47*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*03/04/26 12:54*	*03/05/26 17:47*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/04/26 13:14	03/05/26 10:57	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/04/26 13:14	03/05/26 10:57	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/04/26 13:14	03/05/26 10:57	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:14	03/05/26 10:57	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 10:57	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 13:14	03/05/26 10:57	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 13:14	03/05/26 10:57	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/04/26 13:14	03/05/26 10:57	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 13:14	03/05/26 10:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*	*03/04/26 13:14*	*03/05/26 10:57*	*1*
DCB Decachlorobiphenyl (Surr)	*73*		*26 - 142*	*03/04/26 13:14*	*03/05/26 10:57*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/04/26 13:14*	*03/05/26 10:57*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/04/26 13:14*	*03/05/26 10:57*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.5	1.9	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Aluminum	**12000**		33	9.8	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV144-0-0.17
Lab Sample ID: 180-202357-16
Date Collected: 03/02/26 10:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.7

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		5.5	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Barium	74		0.55	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Beryllium	0.58		0.55	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Cadmium	0.28	J	0.55	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Calcium	41000		55	23	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Chromium	16		1.6	0.66	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Cobalt	8.7		0.55	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Copper	21		2.2	0.84	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Iron	23000		22	8.7	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Lead	16		1.6	0.66	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Magnesium	17000		22	4.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Manganese	460		1.1	0.44	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Nickel	21		1.1	0.44	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Potassium	1500		110	38	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Selenium	ND		5.5	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Sodium	63	J	110	44	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Zinc	81		2.2	0.87	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1
Vanadium	17		1.1	0.47	mg/Kg	☼	03/06/26 09:15	03/06/26 20:40	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044	J	0.071	0.024	mg/Kg	☼	03/05/26 12:30	03/06/26 07:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	15.3		1.0	1.0	%			03/05/26 02:03	1

Client Sample ID: SSHS-IRM5A2-SCV144-0.17-1
Lab Sample ID: 180-202357-17
Date Collected: 03/02/26 10:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Acetophenone	ND		770	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Anthracene	ND		77	20	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Atrazine	ND		770	170	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Benzo[a]anthracene	**95**		77	35	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Benzo[a]pyrene	**100**		77	33	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Benzo[b]fluoranthene	**130**		77	19	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Benzo[g,h,i]perylene	**87**		77	17	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Benzo[k]fluoranthene	**77**		77	23	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Carbazole	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Chrysene	**120**		77	43	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Dimethyl phthalate	ND		770	430	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Fluoranthene	**260**		77	20	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Fluorene	ND		77	15	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Hexachlorobenzene	ND		77	28	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Indeno[1,2,3-cd]pyrene	**66**	**J**	77	38	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Isophorone	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1

Client Sample ID: SSHS-IRM5A2-SCV144-0.17-1
Lab Sample ID: 180-202357-17
Date Collected: 03/02/26 10:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Naphthalene	ND		77	15	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Phenanthrene	**88**		77	21	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Phenol	ND		380	120	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
Pyrene	**170**		77	27	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*44 - 105*	*03/04/26 12:54*	*03/05/26 18:08*	*1*
2-Fluorophenol (Surr)	*72*		*48 - 105*	*03/04/26 12:54*	*03/05/26 18:08*	*1*
Nitrobenzene-d5 (Surr)	*68*		*46 - 105*	*03/04/26 12:54*	*03/05/26 18:08*	*1*
Phenol-d5 (Surr)	*72*		*46 - 105*	*03/04/26 12:54*	*03/05/26 18:08*	*1*
Terphenyl-d14 (Surr)	*75*		*39 - 105*	*03/04/26 12:54*	*03/05/26 18:08*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*34 - 108*	*03/04/26 12:54*	*03/05/26 18:08*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/04/26 13:14	03/05/26 11:15	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 13:14	03/05/26 11:15	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 11:15	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:14	03/05/26 11:15	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 13:14	03/05/26 11:15	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 13:14	03/05/26 11:15	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 13:14	03/05/26 11:15	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/04/26 13:14	03/05/26 11:15	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 13:14	03/05/26 11:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*26 - 142*	*03/04/26 13:14*	*03/05/26 11:15*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/04/26 13:14*	*03/05/26 11:15*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*17 - 144*	*03/04/26 13:14*	*03/05/26 11:15*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*17 - 144*	*03/04/26 13:14*	*03/05/26 11:15*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV144-0.17-1
Lab Sample ID: 180-202357-17
Date Collected: 03/02/26 10:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorooctanoic acid (PFOA)	**0.19**	**J**	0.20	0.060	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorodecanoic acid (PFDA)	**0.060**	**J**	0.20	0.060	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorooctanesulfonic acid (PFOS)	**0.48**		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1

Client Sample ID: SSHS-IRM5A2-SCV144-0.17-1
Lab Sample ID: 180-202357-17
Date Collected: 03/02/26 10:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 14:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*98.4*		*8 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C5-PFPeA	*92.1*		*35 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C5-PFHxA	*94.7*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C4-PFHpA	*99.8*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C8-PFOA	*92.7*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C9-PFNA	*88.0*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C6-PFDA	*94.6*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C7-PFUnA	*92.1*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C2 PFDoA	*82.6*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C2-PFTeDA	*73.8*		*20 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C3-PFBS	*95.0*		*40 - 135*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C3-PFHxS	*90.9*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C8-PFOS	*89.4*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C8-PFOSA	*78.7*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
d3-NMeFOSAA	*94.8*		*40 - 135*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
d5-NEtFOSAA	*97.7*		*40 - 150*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C2 4:2 FTS	*221*	*5+	*40 - 165*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C2 6:2 FTS	*125*		*40 - 215*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C2 8:2 FTS	*268*		*40 - 275*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
13C3-HFPO-DA	*90.1*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
D7-NMeFOSE	*64.1*		*20 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
D9-NEtFOSE	*57.2*		*15 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
d5-NEtPFOSA	*65.6*		*10 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*
d3-NMePFOSA	*70.5*		*10 - 130*	*03/05/26 14:13*	*03/10/26 14:13*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.3	1.8	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Aluminum	**11000**		32	9.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Arsenic	**6.4**		5.3	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Barium	**74**		0.53	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Beryllium	**0.51**	**J**	0.53	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Cadmium	**0.25**	**J**	0.53	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Calcium	**18000**		53	22	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Chromium	**16**		1.6	0.63	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Cobalt	**8.4**		0.53	0.15	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Copper	**25**		2.1	0.81	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Iron	**22000**		21	8.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Lead	**17**		1.6	0.63	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Magnesium	**5600**		21	4.2	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Manganese	**400**		1.1	0.42	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Nickel	**20**		1.1	0.42	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV144-0.17-1
Lab Sample ID: 180-202357-17
Date Collected: 03/02/26 10:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1600**		110	37	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Selenium	ND		5.3	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Silver	ND		1.1	0.42	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Sodium	**56**	**J**	110	42	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Zinc	**80**		2.1	0.84	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1
Vanadium	**17**		1.1	0.45	mg/Kg	☼	03/06/26 09:15	03/06/26 20:43	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.055**	**J**	0.066	0.022	mg/Kg	☼	03/09/26 10:45	03/09/26 20:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.8**		1.0	1.0	%			03/05/26 02:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV144-0.5-1
Lab Sample ID: 180-202357-18
Date Collected: 03/02/26 10:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		19	5.6	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Benzene	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Bromoform	ND		9.4	4.7	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Bromomethane	ND		4.7	0.94	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
2-Butanone (MEK)	ND		9.4	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Carbon disulfide	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Carbon tetrachloride	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Chlorobenzene	ND		4.7	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Chlorobromomethane	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Chlorodibromomethane	ND		4.7	0.47	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Chloroethane	ND		4.7	0.94	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Chloroform	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Chloromethane	ND		4.7	0.94	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
cis-1,2-Dichloroethene	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
cis-1,3-Dichloropropene	ND		4.7	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Cyclohexane	ND		4.7	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,2-Dibromo-3-Chloropropane	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,2-Dibromoethane	ND		4.7	0.66	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,2-Dichlorobenzene	ND		4.7	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,3-Dichlorobenzene	ND		4.7	0.94	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,4-Dichlorobenzene	ND		4.7	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Dichlorobromomethane	ND		4.7	0.66	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Dichlorodifluoromethane	ND		4.7	0.94	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,1-Dichloroethane	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,2-Dichloroethane	ND		4.7	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,1-Dichloroethene	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,2-Dichloroethene, Total	ND		9.4	0.94	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,2-Dichloropropane	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,4-Dioxane	ND		230	35	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Ethylbenzene	ND		4.7	0.94	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
2-Hexanone	ND		9.4	2.3	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Isopropylbenzene	ND		4.7	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Methyl acetate	ND		4.7	0.94	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Methylcyclohexane	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Methylene Chloride	**7.8**		4.7	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
4-Methyl-2-pentanone (MIBK)	ND		9.4	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Methyl tert-butyl ether	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
m-Xylene & p-Xylene	ND		4.7	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
o-Xylene	ND		4.7	0.94	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Styrene	ND		4.7	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,1,2,2-Tetrachloroethane	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Tetrachloroethene	ND		4.7	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Toluene	ND		4.7	0.94	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
trans-1,2-Dichloroethene	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
trans-1,3-Dichloropropene	ND		4.7	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,2,3-Trichlorobenzene	ND		9.4	4.7	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,2,4-Trichlorobenzene	ND		9.4	4.7	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,1,1-Trichloroethane	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,1,2-Trichloroethane	ND		4.7	0.66	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV144-0.5-1
Lab Sample ID: 180-202357-18
Date Collected: 03/02/26 10:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Trichlorofluoromethane	ND		4.7	0.94	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.4	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Vinyl chloride	ND		4.7	0.75	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1
Xylenes, Total	ND		9.4	0.66	ug/Kg	☼	03/04/26 10:23	03/12/26 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*50 - 131*	*03/04/26 10:23*	*03/12/26 16:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*	*03/04/26 10:23*	*03/12/26 16:07*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*03/04/26 10:23*	*03/12/26 16:07*	*1*
Toluene-d8 (Surr)	*98*		*52 - 141*	*03/04/26 10:23*	*03/12/26 16:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.5**		1.0	1.0	%			03/05/26 02:03	1

Client Sample ID: SSHS-IRM5A2-SCV143-0-0.17
Lab Sample ID: 180-202357-19
Date Collected: 03/02/26 10:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Acetophenone	ND		770	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Anthracene	ND		77	20	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Atrazine	ND		770	170	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Benzo[a]anthracene	**50**	**J**	77	35	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Benzo[a]pyrene	**51**	**J**	77	33	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Benzo[b]fluoranthene	**67**	**J**	77	19	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Benzo[g,h,i]perylene	**38**	**J**	77	17	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Benzo[k]fluoranthene	**30**	**J**	77	23	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Carbazole	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Chrysene	**60**	**J**	77	43	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Dimethyl phthalate	ND		770	430	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Fluoranthene	**120**		77	20	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Fluorene	ND		77	15	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Hexachlorobenzene	ND		77	28	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Hexachlorobutadiene	ND		77	23	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Indeno[1,2,3-cd]pyrene	ND		77	38	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Isophorone	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1

Client Sample ID: SSHS-IRM5A2-SCV143-0-0.17
Lab Sample ID: 180-202357-19
Date Collected: 03/02/26 10:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Naphthalene	ND		77	15	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2,2'-oxybis[1-chloropropane]	ND		77	29	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Phenanthrene	**38**	**J**	77	21	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Phenol	ND		380	120	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
Pyrene	**87**		77	27	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*44 - 105*	*03/04/26 12:54*	*03/05/26 18:30*	*1*
2-Fluorophenol (Surr)	*59*		*48 - 105*	*03/04/26 12:54*	*03/05/26 18:30*	*1*
Nitrobenzene-d5 (Surr)	*56*		*46 - 105*	*03/04/26 12:54*	*03/05/26 18:30*	*1*
Phenol-d5 (Surr)	*59*		*46 - 105*	*03/04/26 12:54*	*03/05/26 18:30*	*1*
Terphenyl-d14 (Surr)	*62*		*39 - 105*	*03/04/26 12:54*	*03/05/26 18:30*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*34 - 108*	*03/04/26 12:54*	*03/05/26 18:30*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/04/26 13:14	03/05/26 11:32	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 13:14	03/05/26 11:32	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 11:32	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:14	03/05/26 11:32	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 11:32	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 13:14	03/05/26 11:32	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 13:14	03/05/26 11:32	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/04/26 13:14	03/05/26 11:32	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 13:14	03/05/26 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*66*		*26 - 142*	*03/04/26 13:14*	*03/05/26 11:32*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/04/26 13:14*	*03/05/26 11:32*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*17 - 144*	*03/04/26 13:14*	*03/05/26 11:32*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*	*03/04/26 13:14*	*03/05/26 11:32*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.6	1.9	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Aluminum	**11000**		34	10	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV143-0-0.17
Lab Sample ID: 180-202357-19
Date Collected: 03/02/26 10:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.0		5.6	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Barium	75		0.56	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Beryllium	0.53	J	0.56	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Cadmium	0.28	J	0.56	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Calcium	20000		56	24	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Chromium	16		1.7	0.68	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Cobalt	8.4		0.56	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Copper	24		2.3	0.87	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Iron	23000		23	9.0	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Lead	17		1.7	0.68	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Magnesium	5400		23	4.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Manganese	420		1.1	0.45	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Nickel	20		1.1	0.45	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Potassium	1600		110	39	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Selenium	ND		5.6	1.7	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Sodium	58	J	110	45	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Zinc	83		2.3	0.90	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1
Vanadium	18		1.1	0.48	mg/Kg	☼	03/06/26 09:15	03/06/26 20:46	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042	J	0.065	0.022	mg/Kg	☼	03/05/26 12:30	03/06/26 08:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.6		1.0	1.0	%			03/05/26 02:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV143-0.17-1
Lab Sample ID: 180-202357-20
Date Collected: 03/02/26 10:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	22	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Acetophenone	ND		750	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Anthracene	**28**	**J**	75	19	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Atrazine	ND		750	160	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Benzaldehyde	ND		750	46	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Benzo[a]anthracene	**120**		75	34	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Benzo[a]pyrene	**120**		75	32	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Benzo[b]fluoranthene	**170**		75	18	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Benzo[g,h,i]perylene	**100**		75	16	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Benzo[k]fluoranthene	**61**	**J**	75	22	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Carbazole	ND		75	17	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Chrysene	**150**		75	41	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Fluoranthene	**300**		75	20	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Fluorene	ND		75	15	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Indeno[1,2,3-cd]pyrene	**84**		75	37	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1

Client Sample ID: SSHS-IRM5A2-SCV143-0.17-1
Lab Sample ID: 180-202357-20
Date Collected: 03/02/26 10:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Naphthalene	ND		75	15	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Phenanthrene	**130**		75	20	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
Pyrene	**220**		75	26	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/04/26 12:54	03/05/26 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*03/04/26 12:54*	*03/05/26 18:51*	*1*
2-Fluorophenol (Surr)	*70*		*48 - 105*	*03/04/26 12:54*	*03/05/26 18:51*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*03/04/26 12:54*	*03/05/26 18:51*	*1*
Phenol-d5 (Surr)	*70*		*46 - 105*	*03/04/26 12:54*	*03/05/26 18:51*	*1*
Terphenyl-d14 (Surr)	*80*		*39 - 105*	*03/04/26 12:54*	*03/05/26 18:51*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*34 - 108*	*03/04/26 12:54*	*03/05/26 18:51*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/04/26 13:14	03/05/26 12:25	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/04/26 13:14	03/05/26 12:25	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/04/26 13:14	03/05/26 12:25	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:14	03/05/26 12:25	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/04/26 13:14	03/05/26 12:25	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/04/26 13:14	03/05/26 12:25	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/04/26 13:14	03/05/26 12:25	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/04/26 13:14	03/05/26 12:25	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 13:14	03/05/26 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/04/26 13:14*	*03/05/26 12:25*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*26 - 142*	*03/04/26 13:14*	*03/05/26 12:25*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*17 - 144*	*03/04/26 13:14*	*03/05/26 12:25*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*	*03/04/26 13:14*	*03/05/26 12:25*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.3	1.8	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Aluminum	**12000**		32	9.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1

Client Sample ID: SSHS-IRM5A2-SCV143-0.17-1
Lab Sample ID: 180-202357-20
Date Collected: 03/02/26 10:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.0		5.3	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Barium	82		0.53	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Beryllium	0.54		0.53	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Cadmium	0.27	J	0.53	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Calcium	18000		53	22	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Chromium	16		1.6	0.64	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Cobalt	8.5		0.53	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Copper	22		2.1	0.82	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Iron	22000		21	8.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Lead	18		1.6	0.64	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Magnesium	5500		21	4.3	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Manganese	470		1.1	0.43	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Nickel	20		1.1	0.43	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Potassium	1600		110	37	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Selenium	ND		5.3	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Silver	ND		1.1	0.43	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Sodium	71	J	110	43	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Zinc	93		2.1	0.86	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1
Vanadium	18		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 20:49	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043	J	0.065	0.022	mg/Kg	☼	03/06/26 14:17	03/06/26 19:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.4		1.0	1.0	%			03/05/26 02:03	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-781420/5
Matrix: Solid
Analysis Batch: 781420

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		1000	300	ug/Kg			03/11/26 21:49	50
Benzene	ND		250	25	ug/Kg			03/11/26 21:49	50
Bromoform	ND		500	250	ug/Kg			03/11/26 21:49	50
Bromomethane	ND		250	80	ug/Kg			03/11/26 21:49	50
2-Butanone (MEK)	ND		500	100	ug/Kg			03/11/26 21:49	50
Carbon disulfide	ND		250	30	ug/Kg			03/11/26 21:49	50
Carbon tetrachloride	ND		250	100	ug/Kg			03/11/26 21:49	50
Chlorobenzene	ND		250	25	ug/Kg			03/11/26 21:49	50
Chlorobromomethane	ND		250	35	ug/Kg			03/11/26 21:49	50
Chlorodibromomethane	ND		250	100	ug/Kg			03/11/26 21:49	50
Chloroethane	ND		250	75	ug/Kg			03/11/26 21:49	50
Chloroform	ND		250	30	ug/Kg			03/11/26 21:49	50
Chloromethane	ND		250	45	ug/Kg			03/11/26 21:49	50
cis-1,2-Dichloroethene	ND		250	30	ug/Kg			03/11/26 21:49	50
cis-1,3-Dichloropropene	ND		250	30	ug/Kg			03/11/26 21:49	50
Cyclohexane	ND		250	25	ug/Kg			03/11/26 21:49	50
1,2-Dibromo-3-Chloropropane	ND		250	50	ug/Kg			03/11/26 21:49	50
1,2-Dibromoethane	ND		250	30	ug/Kg			03/11/26 21:49	50
1,2-Dichlorobenzene	ND		250	30	ug/Kg			03/11/26 21:49	50
1,3-Dichlorobenzene	ND		250	25	ug/Kg			03/11/26 21:49	50
1,4-Dichlorobenzene	ND		250	25	ug/Kg			03/11/26 21:49	50
Dichlorobromomethane	ND		250	35	ug/Kg			03/11/26 21:49	50
Dichlorodifluoromethane	ND		250	30	ug/Kg			03/11/26 21:49	50
1,1-Dichloroethane	ND		250	25	ug/Kg			03/11/26 21:49	50
1,2-Dichloroethane	ND		250	30	ug/Kg			03/11/26 21:49	50
1,1-Dichloroethene	ND		250	30	ug/Kg			03/11/26 21:49	50
1,2-Dichloroethene, Total	ND		500	50	ug/Kg			03/11/26 21:49	50
1,2-Dichloropropane	ND		250	25	ug/Kg			03/11/26 21:49	50
1,4-Dioxane	ND		13000	2800	ug/Kg			03/11/26 21:49	50
Ethylbenzene	ND		250	20	ug/Kg			03/11/26 21:49	50
2-Hexanone	ND		500	75	ug/Kg			03/11/26 21:49	50
Isopropylbenzene	ND		250	30	ug/Kg			03/11/26 21:49	50
Methyl acetate	ND		250	50	ug/Kg			03/11/26 21:49	50
Methylcyclohexane	ND		250	30	ug/Kg			03/11/26 21:49	50
Methylene Chloride	ND		250	100	ug/Kg			03/11/26 21:49	50
4-Methyl-2-pentanone (MIBK)	ND		500	75	ug/Kg			03/11/26 21:49	50
Methyl tert-butyl ether	ND		250	30	ug/Kg			03/11/26 21:49	50
m-Xylene & p-Xylene	ND		250	50	ug/Kg			03/11/26 21:49	50
o-Xylene	ND		250	30	ug/Kg			03/11/26 21:49	50
Styrene	ND		250	30	ug/Kg			03/11/26 21:49	50
1,1,2,2-Tetrachloroethane	ND		250	30	ug/Kg			03/11/26 21:49	50
Tetrachloroethene	ND		250	30	ug/Kg			03/11/26 21:49	50
Toluene	ND		250	30	ug/Kg			03/11/26 21:49	50
trans-1,2-Dichloroethene	ND		250	30	ug/Kg			03/11/26 21:49	50
trans-1,3-Dichloropropene	ND		250	30	ug/Kg			03/11/26 21:49	50
1,2,3-Trichlorobenzene	ND		500	250	ug/Kg			03/11/26 21:49	50
1,2,4-Trichlorobenzene	ND		500	250	ug/Kg			03/11/26 21:49	50
1,1,1-Trichloroethane	ND		250	35	ug/Kg			03/11/26 21:49	50

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-781420/5
Matrix: Solid
Analysis Batch: 781420

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		250	25	ug/Kg			03/11/26 21:49	50
Trichloroethene	ND		250	30	ug/Kg			03/11/26 21:49	50
Trichlorofluoromethane	ND		250	40	ug/Kg			03/11/26 21:49	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	35	ug/Kg			03/11/26 21:49	50
Vinyl chloride	ND		250	40	ug/Kg			03/11/26 21:49	50
Xylenes, Total	ND		250	70	ug/Kg			03/11/26 21:49	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*86*		*50 - 141*		*03/11/26 21:49*	*50*
1,2-Dichloroethane-d4 (Surr)	*90*		*54 - 135*		*03/11/26 21:49*	*50*
Toluene-d8 (Surr)	*90*		*52 - 141*		*03/11/26 21:49*	*50*
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*		*03/11/26 21:49*	*50*

Lab Sample ID: LCS 410-781420/6
Matrix: Solid
Analysis Batch: 781420

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	12500	11600		ug/Kg		93	53 - 142
Benzene	1000	1020		ug/Kg		102	80 - 120
Bromoform	1000	942		ug/Kg		94	61 - 127
Bromomethane	1000	853		ug/Kg		85	33 - 158
2-Butanone (MEK)	12500	12300		ug/Kg		99	48 - 142
Carbon disulfide	1000	924		ug/Kg		92	64 - 133
Carbon tetrachloride	1000	1090		ug/Kg		109	64 - 127
Chlorobenzene	1000	1040		ug/Kg		104	80 - 120
Chlorobromomethane	1000	1010		ug/Kg		101	80 - 124
Chlorodibromomethane	1000	1040		ug/Kg		104	69 - 125
Chloroethane	1000	960		ug/Kg		96	29 - 169
Chloroform	1000	1020		ug/Kg		102	73 - 120
Chloromethane	1000	819		ug/Kg		82	43 - 125
cis-1,2-Dichloroethene	1000	1020		ug/Kg		102	80 - 120
cis-1,3-Dichloropropene	1000	1010		ug/Kg		101	71 - 120
Cyclohexane	1000	1030		ug/Kg		103	58 - 120
1,2-Dibromo-3-Chloropropane	1000	947		ug/Kg		95	47 - 120
1,2-Dibromoethane	1000	1010		ug/Kg		101	76 - 120
1,2-Dichlorobenzene	1000	1030		ug/Kg		103	74 - 120
1,3-Dichlorobenzene	1000	1030		ug/Kg		103	75 - 120
1,4-Dichlorobenzene	1000	1040		ug/Kg		104	76 - 122
Dichlorobromomethane	1000	1050		ug/Kg		105	70 - 120
Dichlorodifluoromethane	1000	469		ug/Kg		47	37 - 126
1,1-Dichloroethane	1000	1040		ug/Kg		104	77 - 120
1,2-Dichloroethane	1000	1050		ug/Kg		105	72 - 124
1,1-Dichloroethene	1000	1030		ug/Kg		103	73 - 129
1,2-Dichloroethene, Total	2000	2020		ug/Kg		101	74 - 120
1,2-Dichloropropane	1000	1000		ug/Kg		100	75 - 124
1,4-Dioxane	25000	26200		ug/Kg		105	62 - 151
Ethylbenzene	1000	1050		ug/Kg		105	78 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-781420/6
Matrix: Solid
Analysis Batch: 781420

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	12500	13100		ug/Kg		105	54 - 135
Isopropylbenzene	1000	1070		ug/Kg		107	80 - 130
Methyl acetate	1000	1030		ug/Kg		103	52 - 148
Methylcyclohexane	1000	1030		ug/Kg		103	61 - 124
Methylene Chloride	1000	999		ug/Kg		100	76 - 122
4-Methyl-2-pentanone (MIBK)	12500	12700		ug/Kg		101	58 - 138
Methyl tert-butyl ether	1000	1000		ug/Kg		100	69 - 120
m-Xylene & p-Xylene	2000	2080		ug/Kg		104	80 - 120
o-Xylene	1000	1020		ug/Kg		102	75 - 120
Styrene	1000	1030		ug/Kg		103	76 - 120
1,1,2,2-Tetrachloroethane	1000	1000		ug/Kg		100	69 - 125
Tetrachloroethene	1000	1060		ug/Kg		106	73 - 120
Toluene	1000	1040		ug/Kg		104	78 - 120
trans-1,2-Dichloroethene	1000	1000		ug/Kg		100	79 - 126
trans-1,3-Dichloropropene	1000	1050		ug/Kg		105	73 - 120
1,2,3-Trichlorobenzene	1000	926		ug/Kg		93	70 - 123
1,2,4-Trichlorobenzene	1000	1010		ug/Kg		101	63 - 123
1,1,1-Trichloroethane	1000	1110		ug/Kg		111	69 - 123
1,1,2-Trichloroethane	1000	1020		ug/Kg		102	79 - 120
Trichloroethene	1000	1030		ug/Kg		103	79 - 120
Trichlorofluoromethane	1000	672		ug/Kg		67	59 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	1030		ug/Kg		103	53 - 126
Vinyl chloride	1000	848		ug/Kg		85	52 - 126
Xylenes, Total	3000	3100		ug/Kg		103	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*89*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*91*		*54 - 135*
Toluene-d8 (Surr)	*91*		*52 - 141*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*

Lab Sample ID: LCSD 410-781420/7
Matrix: Solid
Analysis Batch: 781420

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	12500	8220	*1	ug/Kg		66	53 - 142	34	30
Benzene	1000	1010		ug/Kg		101	80 - 120	1	30
Bromoform	1000	943		ug/Kg		94	61 - 127	0	30
Bromomethane	1000	498	*1	ug/Kg		50	33 - 158	53	30
2-Butanone (MEK)	12500	10400		ug/Kg		83	48 - 142	17	30
Carbon disulfide	1000	927		ug/Kg		93	64 - 133	0	30
Carbon tetrachloride	1000	1100		ug/Kg		110	64 - 127	1	30
Chlorobenzene	1000	1030		ug/Kg		103	80 - 120	1	30
Chlorobromomethane	1000	990		ug/Kg		99	80 - 124	2	30
Chlorodibromomethane	1000	1020		ug/Kg		102	69 - 125	2	30
Chloroethane	1000	565	*1	ug/Kg		57	29 - 169	52	30
Chloroform	1000	1020		ug/Kg		102	73 - 120	0	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-781420/7
Matrix: Solid
Analysis Batch: 781420

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			1000	796		ug/Kg		80	43 - 125	3	30
cis-1,2-Dichloroethene			1000	1010		ug/Kg		101	80 - 120	1	30
cis-1,3-Dichloropropene			1000	983		ug/Kg		98	71 - 120	2	30
Cyclohexane			1000	1030		ug/Kg		103	58 - 120	0	30
1,2-Dibromo-3-Chloropropane			1000	902		ug/Kg		90	47 - 120	5	30
1,2-Dibromoethane			1000	988		ug/Kg		99	76 - 120	2	30
1,2-Dichlorobenzene			1000	988		ug/Kg		99	74 - 120	4	30
1,3-Dichlorobenzene			1000	1010		ug/Kg		101	75 - 120	2	30
1,4-Dichlorobenzene			1000	1000		ug/Kg		100	76 - 122	4	30
Dichlorobromomethane			1000	1030		ug/Kg		103	70 - 120	2	30
Dichlorodifluoromethane			1000	467		ug/Kg		47	37 - 126	0	30
1,1-Dichloroethane			1000	1040		ug/Kg		104	77 - 120	0	30
1,2-Dichloroethane			1000	1000		ug/Kg		100	72 - 124	4	30
1,1-Dichloroethene			1000	1010		ug/Kg		101	73 - 129	1	30
1,2-Dichloroethene, Total			2000	2010		ug/Kg		100	74 - 120	1	30
1,2-Dichloropropane			1000	993		ug/Kg		99	75 - 124	1	30
1,4-Dioxane			25000	26000		ug/Kg		104	62 - 151	1	30
Ethylbenzene			1000	1040		ug/Kg		104	78 - 120	1	30
2-Hexanone			12500	13000		ug/Kg		104	54 - 135	1	30
Isopropylbenzene			1000	1050		ug/Kg		105	80 - 130	2	30
Methyl acetate			1000	1230		ug/Kg		123	52 - 148	18	30
Methylcyclohexane			1000	1040		ug/Kg		104	61 - 124	1	30
Methylene Chloride			1000	970		ug/Kg		97	76 - 122	3	30
4-Methyl-2-pentanone (MIBK)			12500	12300		ug/Kg		99	58 - 138	3	30
Methyl tert-butyl ether			1000	960		ug/Kg		96	69 - 120	4	30
m-Xylene & p-Xylene			2000	2080		ug/Kg		104	80 - 120	0	30
o-Xylene			1000	1010		ug/Kg		101	75 - 120	1	30
Styrene			1000	1020		ug/Kg		102	76 - 120	2	30
1,1,2,2-Tetrachloroethane			1000	957		ug/Kg		96	69 - 125	5	30
Tetrachloroethene			1000	1070		ug/Kg		107	73 - 120	0	30
Toluene			1000	1040		ug/Kg		104	78 - 120	1	30
trans-1,2-Dichloroethene			1000	996		ug/Kg		100	79 - 126	1	30
trans-1,3-Dichloropropene			1000	1040		ug/Kg		104	73 - 120	0	30
1,2,3-Trichlorobenzene			1000	922		ug/Kg		92	70 - 123	0	30
1,2,4-Trichlorobenzene			1000	981		ug/Kg		98	63 - 123	3	30
1,1,1-Trichloroethane			1000	1100		ug/Kg		110	69 - 123	1	30
1,1,2-Trichloroethane			1000	996		ug/Kg		100	79 - 120	2	30
Trichloroethene			1000	1030		ug/Kg		103	79 - 120	0	30
Trichlorofluoromethane			1000	675		ug/Kg		68	59 - 120	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			1000	1030		ug/Kg		103	53 - 126	0	30
Vinyl chloride			1000	859		ug/Kg		86	52 - 126	1	30
Xylenes, Total			3000	3090		ug/Kg		103	75 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*87*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*89*		*54 - 135*
Toluene-d8 (Surr)	*91*		*52 - 141*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-781420/7
Matrix: Solid
Analysis Batch: 781420

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*

Lab Sample ID: MB 410-781565/7
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/12/26 10:36	1
Benzene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Bromoform	ND		10	5.0	ug/Kg			03/12/26 10:36	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/12/26 10:36	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/12/26 10:36	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Chloroform	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/12/26 10:36	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/12/26 10:36	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/12/26 10:36	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/12/26 10:36	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/12/26 10:36	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,4-Dioxane	ND		250	37	ug/Kg			03/12/26 10:36	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
2-Hexanone	ND		10	2.5	ug/Kg			03/12/26 10:36	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/12/26 10:36	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/12/26 10:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/12/26 10:36	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/12/26 10:36	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Styrene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-781565/7
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/12/26 10:36	1
Toluene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/12/26 10:36	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/12/26 10:36	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/12/26 10:36	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/12/26 10:36	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/12/26 10:36	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/12/26 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*50 - 141*		*03/12/26 10:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*		*03/12/26 10:36*	*1*
Toluene-d8 (Surr)	*94*		*52 - 141*		*03/12/26 10:36*	*1*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*		*03/12/26 10:36*	*1*

Lab Sample ID: LCS 410-781565/4
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	273		ug/Kg		109	52 - 142
Benzene	20.0	20.0		ug/Kg		100	80 - 120
Bromoform	20.0	16.1		ug/Kg		80	66 - 127
Bromomethane	20.0	19.5		ug/Kg		98	60 - 126
2-Butanone (MEK)	250	231		ug/Kg		92	62 - 132
Carbon disulfide	20.0	17.7		ug/Kg		89	56 - 125
Carbon tetrachloride	20.0	16.7		ug/Kg		83	70 - 120
Chlorobenzene	20.0	17.8		ug/Kg		89	74 - 120
Chlorobromomethane	20.0	18.9		ug/Kg		94	79 - 124
Chlorodibromomethane	20.0	16.8		ug/Kg		84	77 - 125
Chloroethane	20.0	20.8		ug/Kg		104	55 - 127
Chloroform	20.0	18.8		ug/Kg		94	73 - 120
Chloromethane	20.0	20.5		ug/Kg		103	50 - 120
cis-1,2-Dichloroethene	20.0	19.7		ug/Kg		98	80 - 125
cis-1,3-Dichloropropene	20.0	18.7		ug/Kg		93	73 - 120
Cyclohexane	20.0	18.8		ug/Kg		94	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	14.7		ug/Kg		73	61 - 120
1,2-Dibromoethane	20.0	18.1		ug/Kg		91	76 - 120
1,2-Dichlorobenzene	20.0	17.6		ug/Kg		88	74 - 120
1,3-Dichlorobenzene	20.0	17.0		ug/Kg		85	75 - 120
1,4-Dichlorobenzene	20.0	17.8		ug/Kg		89	76 - 122
Dichlorobromomethane	20.0	19.1		ug/Kg		95	77 - 120
Dichlorodifluoromethane	20.0	17.9		ug/Kg		90	44 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-781565/4
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	19.8		ug/Kg		99	76 - 120
1,2-Dichloroethane	20.0	18.2		ug/Kg		91	72 - 124
1,1-Dichloroethene	20.0	21.2		ug/Kg		106	73 - 129
1,2-Dichloroethene, Total	40.0	39.0		ug/Kg		98	74 - 120
1,2-Dichloropropane	20.0	20.6		ug/Kg		103	70 - 124
1,4-Dioxane	500	524		ug/Kg		105	41 - 177
Ethylbenzene	20.0	18.2		ug/Kg		91	72 - 118
2-Hexanone	250	225		ug/Kg		90	64 - 140
Isopropylbenzene	20.0	17.8		ug/Kg		89	77 - 134
Methyl acetate	20.0	19.2		ug/Kg		96	59 - 137
Methylcyclohexane	20.0	18.1		ug/Kg		90	61 - 124
Methylene Chloride	20.0	20.7		ug/Kg		104	76 - 122
4-Methyl-2-pentanone (MIBK)	250	245		ug/Kg		98	67 - 138
Methyl tert-butyl ether	20.0	17.6		ug/Kg		88	63 - 120
m-Xylene & p-Xylene	40.0	35.4		ug/Kg		88	80 - 120
o-Xylene	20.0	17.7		ug/Kg		89	75 - 120
Styrene	20.0	17.8		ug/Kg		89	76 - 120
1,1,2,2-Tetrachloroethane	20.0	19.2		ug/Kg		96	69 - 125
Tetrachloroethene	20.0	16.3		ug/Kg		81	73 - 120
Toluene	20.0	18.1		ug/Kg		90	71 - 120
trans-1,2-Dichloroethene	20.0	19.3		ug/Kg		96	71 - 126
trans-1,3-Dichloropropene	20.0	18.0		ug/Kg		90	76 - 122
1,2,3-Trichlorobenzene	20.0	16.0		ug/Kg		80	64 - 123
1,2,4-Trichlorobenzene	20.0	16.4		ug/Kg		82	69 - 124
1,1,1-Trichloroethane	20.0	17.6		ug/Kg		88	69 - 123
1,1,2-Trichloroethane	20.0	19.5		ug/Kg		98	76 - 120
Trichloroethene	20.0	18.7		ug/Kg		94	72 - 120
Trichlorofluoromethane	20.0	14.0		ug/Kg		70	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.4		ug/Kg		92	53 - 126
Vinyl chloride	20.0	19.6		ug/Kg		98	52 - 120
Xylenes, Total	60.0	53.1		ug/Kg		89	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*
Toluene-d8 (Surr)	*94*		*52 - 141*
4-Bromofluorobenzene (Surr)	*100*		*50 - 131*

Lab Sample ID: LCSD 410-781565/5
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	296		ug/Kg		119	52 - 142	8	30
Benzene	20.0	20.1		ug/Kg		101	80 - 120	1	30
Bromoform	20.0	16.3		ug/Kg		82	66 - 127	1	30
Bromomethane	20.0	19.4		ug/Kg		97	60 - 126	1	30
2-Butanone (MEK)	250	225		ug/Kg		90	62 - 132	3	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-781565/5
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon disulfide			20.0	17.8		ug/Kg		89	56 - 125	1	30
Carbon tetrachloride			20.0	16.6		ug/Kg		83	70 - 120	1	30
Chlorobenzene			20.0	17.9		ug/Kg		90	74 - 120	1	30
Chlorobromomethane			20.0	19.0		ug/Kg		95	79 - 124	1	30
Chlorodibromomethane			20.0	17.4		ug/Kg		87	77 - 125	4	30
Chloroethane			20.0	20.1		ug/Kg		101	55 - 127	3	30
Chloroform			20.0	19.1		ug/Kg		96	73 - 120	2	30
Chloromethane			20.0	20.9		ug/Kg		104	50 - 120	2	30
cis-1,2-Dichloroethene			20.0	20.0		ug/Kg		100	80 - 125	1	30
cis-1,3-Dichloropropene			20.0	19.2		ug/Kg		96	73 - 120	3	30
Cyclohexane			20.0	18.9		ug/Kg		94	58 - 120	0	30
1,2-Dibromo-3-Chloropropane			20.0	14.5		ug/Kg		73	61 - 120	1	30
1,2-Dibromoethane			20.0	18.6		ug/Kg		93	76 - 120	3	30
1,2-Dichlorobenzene			20.0	17.9		ug/Kg		90	74 - 120	2	30
1,3-Dichlorobenzene			20.0	17.6		ug/Kg		88	75 - 120	3	30
1,4-Dichlorobenzene			20.0	18.1		ug/Kg		91	76 - 122	2	30
Dichlorobromomethane			20.0	19.6		ug/Kg		98	77 - 120	2	30
Dichlorodifluoromethane			20.0	17.8		ug/Kg		89	44 - 120	1	30
1,1-Dichloroethane			20.0	19.8		ug/Kg		99	76 - 120	0	30
1,2-Dichloroethane			20.0	18.6		ug/Kg		93	72 - 124	2	30
1,1-Dichloroethene			20.0	20.8		ug/Kg		104	73 - 129	2	30
1,2-Dichloroethene, Total			40.0	39.5		ug/Kg		99	74 - 120	1	30
1,2-Dichloropropane			20.0	20.6		ug/Kg		103	70 - 124	0	30
1,4-Dioxane			500	531		ug/Kg		106	41 - 177	1	30
Ethylbenzene			20.0	18.3		ug/Kg		92	72 - 118	1	30
2-Hexanone			250	223		ug/Kg		89	64 - 140	1	30
Isopropylbenzene			20.0	17.9		ug/Kg		90	77 - 134	1	30
Methyl acetate			20.0	18.6		ug/Kg		93	59 - 137	3	30
Methylcyclohexane			20.0	18.2		ug/Kg		91	61 - 124	1	30
Methylene Chloride			20.0	20.5		ug/Kg		102	76 - 122	1	30
4-Methyl-2-pentanone (MIBK)			250	240		ug/Kg		96	67 - 138	2	30
Methyl tert-butyl ether			20.0	17.7		ug/Kg		89	63 - 120	1	30
m-Xylene & p-Xylene			40.0	35.6		ug/Kg		89	80 - 120	1	30
o-Xylene			20.0	17.9		ug/Kg		89	75 - 120	1	30
Styrene			20.0	18.2		ug/Kg		91	76 - 120	2	30
1,1,2,2-Tetrachloroethane			20.0	19.4		ug/Kg		97	69 - 125	1	30
Tetrachloroethene			20.0	16.5		ug/Kg		82	73 - 120	1	30
Toluene			20.0	18.4		ug/Kg		92	71 - 120	2	30
trans-1,2-Dichloroethene			20.0	19.5		ug/Kg		98	71 - 126	1	30
trans-1,3-Dichloropropene			20.0	18.4		ug/Kg		92	76 - 122	2	30
1,2,3-Trichlorobenzene			20.0	16.1		ug/Kg		81	64 - 123	1	30
1,2,4-Trichlorobenzene			20.0	16.8		ug/Kg		84	69 - 124	2	30
1,1,1-Trichloroethane			20.0	17.4		ug/Kg		87	69 - 123	1	30
1,1,2-Trichloroethane			20.0	19.5		ug/Kg		98	76 - 120	0	30
Trichloroethene			20.0	19.0		ug/Kg		95	72 - 120	1	30
Trichlorofluoromethane			20.0	13.8		ug/Kg		69	58 - 120	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	18.1		ug/Kg		91	53 - 126	1	30
Vinyl chloride			20.0	19.8		ug/Kg		99	52 - 120	1	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-781565/5
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total			60.0	53.5		ug/Kg		89	75 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*
Toluene-d8 (Surr)	*95*		*52 - 141*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*

Lab Sample ID: MB 410-782285/7
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/13/26 10:40	1
Benzene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Bromoform	ND		10	5.0	ug/Kg			03/13/26 10:40	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/13/26 10:40	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/13/26 10:40	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
Chloroform	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/13/26 10:40	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/13/26 10:40	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/13/26 10:40	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/13/26 10:40	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/13/26 10:40	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,4-Dioxane	ND		250	37	ug/Kg			03/13/26 10:40	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
2-Hexanone	ND		10	2.5	ug/Kg			03/13/26 10:40	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/13/26 10:40	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/13/26 10:40	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-782285/7
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/13/26 10:40	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/13/26 10:40	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
Styrene	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/13/26 10:40	1
Toluene	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/13/26 10:40	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/13/26 10:40	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/13/26 10:40	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/13/26 10:40	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/13/26 10:40	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/13/26 10:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*50 - 141*		*03/13/26 10:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*		*03/13/26 10:40*	*1*
Toluene-d8 (Surr)	*92*		*52 - 141*		*03/13/26 10:40*	*1*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*		*03/13/26 10:40*	*1*

Lab Sample ID: LCS 410-782285/56
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	274		ug/Kg		110	52 - 142
Benzene	20.0	18.9		ug/Kg		95	80 - 120
Bromoform	20.0	16.1		ug/Kg		81	66 - 127
Bromomethane	20.0	17.4		ug/Kg		87	60 - 126
2-Butanone (MEK)	250	212		ug/Kg		85	62 - 132
Carbon disulfide	20.0	16.3		ug/Kg		82	56 - 125
Carbon tetrachloride	20.0	15.9		ug/Kg		79	70 - 120
Chlorobenzene	20.0	17.0		ug/Kg		85	74 - 120
Chlorobromomethane	20.0	18.0		ug/Kg		90	79 - 124
Chlorodibromomethane	20.0	16.6		ug/Kg		83	77 - 125
Chloroethane	20.0	18.4		ug/Kg		92	55 - 127
Chloroform	20.0	18.2		ug/Kg		91	73 - 120
Chloromethane	20.0	17.4		ug/Kg		87	50 - 120
cis-1,2-Dichloroethene	20.0	18.4		ug/Kg		92	80 - 125
cis-1,3-Dichloropropene	20.0	18.3		ug/Kg		91	73 - 120
Cyclohexane	20.0	18.2		ug/Kg		91	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	15.0		ug/Kg		75	61 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-782285/56
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	20.0	17.7		ug/Kg		88	76 - 120
1,2-Dichlorobenzene	20.0	17.2		ug/Kg		86	74 - 120
1,3-Dichlorobenzene	20.0	16.4		ug/Kg		82	75 - 120
1,4-Dichlorobenzene	20.0	17.2		ug/Kg		86	76 - 122
Dichlorobromomethane	20.0	18.8		ug/Kg		94	77 - 120
Dichlorodifluoromethane	20.0	14.7		ug/Kg		73	44 - 120
1,1-Dichloroethane	20.0	18.5		ug/Kg		93	76 - 120
1,2-Dichloroethane	20.0	18.1		ug/Kg		90	72 - 124
1,1-Dichloroethene	20.0	19.6		ug/Kg		98	73 - 129
1,2-Dichloroethene, Total	40.0	36.4		ug/Kg		91	74 - 120
1,2-Dichloropropane	20.0	19.5		ug/Kg		98	70 - 124
1,4-Dioxane	500	517		ug/Kg		103	41 - 177
Ethylbenzene	20.0	17.3		ug/Kg		86	72 - 118
2-Hexanone	250	206		ug/Kg		82	64 - 140
Isopropylbenzene	20.0	17.0		ug/Kg		85	77 - 134
Methyl acetate	20.0	17.5		ug/Kg		87	59 - 137
Methylcyclohexane	20.0	18.0		ug/Kg		90	61 - 124
Methylene Chloride	20.0	18.9		ug/Kg		94	76 - 122
4-Methyl-2-pentanone (MIBK)	250	226		ug/Kg		91	67 - 138
Methyl tert-butyl ether	20.0	17.2		ug/Kg		86	63 - 120
m-Xylene & p-Xylene	40.0	33.3		ug/Kg		83	80 - 120
o-Xylene	20.0	16.8		ug/Kg		84	75 - 120
Styrene	20.0	17.1		ug/Kg		86	76 - 120
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/Kg		97	69 - 125
Tetrachloroethene	20.0	15.2		ug/Kg		76	73 - 120
Toluene	20.0	17.1		ug/Kg		86	71 - 120
trans-1,2-Dichloroethene	20.0	18.0		ug/Kg		90	71 - 126
trans-1,3-Dichloropropene	20.0	17.6		ug/Kg		88	76 - 122
1,2,3-Trichlorobenzene	20.0	15.3		ug/Kg		76	64 - 123
1,2,4-Trichlorobenzene	20.0	15.5		ug/Kg		77	69 - 124
1,1,1-Trichloroethane	20.0	16.8		ug/Kg		84	69 - 123
1,1,2-Trichloroethane	20.0	19.2		ug/Kg		96	76 - 120
Trichloroethene	20.0	18.0		ug/Kg		90	72 - 120
Trichlorofluoromethane	20.0	13.5		ug/Kg		68	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.1		ug/Kg		86	53 - 126
Vinyl chloride	20.0	17.4		ug/Kg		87	52 - 120
Xylenes, Total	60.0	50.1		ug/Kg		84	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*97*		*54 - 135*
Toluene-d8 (Surr)	*94*		*52 - 141*
4-Bromofluorobenzene (Surr)	*103*		*50 - 131*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-782285/57
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			250	256		ug/Kg		102	52 - 142	7	30
Benzene			20.0	18.8		ug/Kg		94	80 - 120	1	30
Bromoform			20.0	16.4		ug/Kg		82	66 - 127	1	30
Bromomethane			20.0	18.6		ug/Kg		93	60 - 126	7	30
2-Butanone (MEK)			250	219		ug/Kg		88	62 - 132	3	30
Carbon disulfide			20.0	16.7		ug/Kg		83	56 - 125	2	30
Carbon tetrachloride			20.0	16.0		ug/Kg		80	70 - 120	1	30
Chlorobenzene			20.0	17.0		ug/Kg		85	74 - 120	0	30
Chlorobromomethane			20.0	18.0		ug/Kg		90	79 - 124	0	30
Chlorodibromomethane			20.0	17.1		ug/Kg		85	77 - 125	3	30
Chloroethane			20.0	19.4		ug/Kg		97	55 - 127	6	30
Chloroform			20.0	18.2		ug/Kg		91	73 - 120	0	30
Chloromethane			20.0	18.3		ug/Kg		91	50 - 120	5	30
cis-1,2-Dichloroethene			20.0	18.8		ug/Kg		94	80 - 125	2	30
cis-1,3-Dichloropropene			20.0	18.4		ug/Kg		92	73 - 120	0	30
Cyclohexane			20.0	17.8		ug/Kg		89	58 - 120	2	30
1,2-Dibromo-3-Chloropropane			20.0	15.5		ug/Kg		77	61 - 120	3	30
1,2-Dibromoethane			20.0	18.0		ug/Kg		90	76 - 120	2	30
1,2-Dichlorobenzene			20.0	17.3		ug/Kg		87	74 - 120	1	30
1,3-Dichlorobenzene			20.0	16.3		ug/Kg		82	75 - 120	0	30
1,4-Dichlorobenzene			20.0	17.2		ug/Kg		86	76 - 122	0	30
Dichlorobromomethane			20.0	18.8		ug/Kg		94	77 - 120	0	30
Dichlorodifluoromethane			20.0	15.2		ug/Kg		76	44 - 120	3	30
1,1-Dichloroethane			20.0	18.5		ug/Kg		92	76 - 120	0	30
1,2-Dichloroethane			20.0	18.4		ug/Kg		92	72 - 124	2	30
1,1-Dichloroethene			20.0	19.8		ug/Kg		99	73 - 129	1	30
1,2-Dichloroethene, Total			40.0	36.9		ug/Kg		92	74 - 120	1	30
1,2-Dichloropropane			20.0	19.5		ug/Kg		97	70 - 124	0	30
1,4-Dioxane			500	499		ug/Kg		100	41 - 177	4	30
Ethylbenzene			20.0	17.3		ug/Kg		87	72 - 118	0	30
2-Hexanone			250	211		ug/Kg		84	64 - 140	2	30
Isopropylbenzene			20.0	17.0		ug/Kg		85	77 - 134	0	30
Methyl acetate			20.0	16.6		ug/Kg		83	59 - 137	5	30
Methylcyclohexane			20.0	18.0		ug/Kg		90	61 - 124	0	30
Methylene Chloride			20.0	19.1		ug/Kg		96	76 - 122	1	30
4-Methyl-2-pentanone (MIBK)			250	234		ug/Kg		93	67 - 138	3	30
Methyl tert-butyl ether			20.0	17.3		ug/Kg		86	63 - 120	0	30
m-Xylene & p-Xylene			40.0	33.6		ug/Kg		84	80 - 120	1	30
o-Xylene			20.0	16.9		ug/Kg		85	75 - 120	1	30
Styrene			20.0	17.3		ug/Kg		87	76 - 120	1	30
1,1,2,2-Tetrachloroethane			20.0	19.6		ug/Kg		98	69 - 125	1	30
Tetrachloroethene			20.0	15.1		ug/Kg		75	73 - 120	1	30
Toluene			20.0	17.2		ug/Kg		86	71 - 120	1	30
trans-1,2-Dichloroethene			20.0	18.1		ug/Kg		90	71 - 126	1	30
trans-1,3-Dichloropropene			20.0	17.8		ug/Kg		89	76 - 122	1	30
1,2,3-Trichlorobenzene			20.0	15.5		ug/Kg		78	64 - 123	2	30
1,2,4-Trichlorobenzene			20.0	15.8		ug/Kg		79	69 - 124	2	30
1,1,1-Trichloroethane			20.0	16.8		ug/Kg		84	69 - 123	0	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-782285/57
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			20.0	19.3		ug/Kg		96	76 - 120	0	30
Trichloroethene			20.0	17.9		ug/Kg		89	72 - 120	1	30
Trichlorofluoromethane			20.0	13.5		ug/Kg		68	58 - 120	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	17.7		ug/Kg		89	53 - 126	4	30
Vinyl chloride			20.0	18.2		ug/Kg		91	52 - 120	5	30
Xylenes, Total			60.0	50.5		ug/Kg		84	75 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*99*		*54 - 135*
Toluene-d8 (Surr)	*94*		*52 - 141*
4-Bromofluorobenzene (Surr)	*102*		*50 - 131*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-510833/1-A
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Acenaphthylene	ND		67	15	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Acetophenone	ND		670	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Anthracene	ND		67	17	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Atrazine	ND		670	150	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Benzaldehyde	ND		670	41	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Benzo[a]anthracene	ND		67	30	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Benzo[a]pyrene	ND		67	29	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
1,1'-Biphenyl	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Bis(2-chloroethyl)ether	ND		67	21	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Butyl benzyl phthalate	ND		1700	230	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Caprolactam	ND		1700	220	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Carbazole	ND		67	16	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4-Chloroaniline	ND		330	88	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2-Chloronaphthalene	ND		67	15	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2-Chlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Chrysene	ND		67	37	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Dibenzofuran	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		03/04/26 05:24	03/05/26 08:48	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-510833/1-A
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		67	26	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Diethyl phthalate	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Dimethyl phthalate	ND		670	370	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Di-n-butyl phthalate	ND		3300	690	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
1,4-Dioxane	ND		670	210	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Fluoranthene	ND		67	18	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Fluorene	ND		67	13	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Hexachlorobenzene	ND		67	24	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Hexachlorobutadiene	ND		67	20	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Hexachlorocyclopentadiene	ND		330	90	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Hexachloroethane	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Isophorone	ND		330	130	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2-Methylnaphthalene	ND		67	16	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2-Methylphenol	ND		330	96	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Naphthalene	ND		67	13	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2-Nitroaniline	ND		1700	150	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
3-Nitroaniline	ND		1700	85	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4-Nitroaniline	ND		1700	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Nitrobenzene	ND		670	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2-Nitrophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
4-Nitrophenol	ND		1700	230	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Pentachlorophenol	ND		1700	540	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Phenanthrene	ND		67	18	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Phenol	ND		330	100	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
Pyrene	ND		67	24	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 08:48	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 08:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*03/04/26 05:24*	*03/05/26 08:48*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*03/04/26 05:24*	*03/05/26 08:48*	*1*
Nitrobenzene-d5 (Surr)	*61*		*46 - 105*	*03/04/26 05:24*	*03/05/26 08:48*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*03/04/26 05:24*	*03/05/26 08:48*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*03/04/26 05:24*	*03/05/26 08:48*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*34 - 108*	*03/04/26 05:24*	*03/05/26 08:48*	*1*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510833/2-A
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	4840		ug/Kg		73	50 - 100
Acenaphthylene	6670	4660		ug/Kg		70	52 - 100
Acetophenone	6670	4850		ug/Kg		73	48 - 100
Anthracene	6670	4620		ug/Kg		69	53 - 100
Atrazine	6670	5340		ug/Kg		80	49 - 103
Benzaldehyde	6670	2720		ug/Kg		41	23 - 105
Benzo[a]anthracene	6670	4750		ug/Kg		71	51 - 100
Benzo[a]pyrene	6670	4690		ug/Kg		70	51 - 100
Benzo[b]fluoranthene	6670	4460		ug/Kg		67	48 - 100
Benzo[g,h,i]perylene	6670	5170		ug/Kg		78	48 - 105
Benzo[k]fluoranthene	6670	5060		ug/Kg		76	19 - 100
1,1'-Biphenyl	6670	4600		ug/Kg		69	50 - 100
Bis(2-chloroethoxy)methane	6670	4690		ug/Kg		70	49 - 100
Bis(2-chloroethyl)ether	6670	4330		ug/Kg		65	48 - 100
Bis(2-ethylhexyl) phthalate	6670	4260		ug/Kg		64	53 - 107
4-Bromophenyl phenyl ether	6670	5160		ug/Kg		77	52 - 101
Butyl benzyl phthalate	6670	4320		ug/Kg		65	52 - 107
Caprolactam	6670	6610		ug/Kg		99	48 - 111
Carbazole	6670	4890		ug/Kg		73	53 - 100
4-Chloroaniline	6670	5100		ug/Kg		77	47 - 100
4-Chloro-3-methylphenol	6670	5490		ug/Kg		82	49 - 106
2-Chloronaphthalene	6670	4450		ug/Kg		67	51 - 100
2-Chlorophenol	6670	4910		ug/Kg		74	51 - 100
4-Chlorophenyl phenyl ether	6670	5580		ug/Kg		84	52 - 100
Chrysene	6670	4910		ug/Kg		74	50 - 100
Dibenz(a,h)anthracene	6670	5090		ug/Kg		76	50 - 107
Dibenzofuran	6670	4980		ug/Kg		75	52 - 100
3,3'-Dichlorobenzidine	6670	5050		ug/Kg		76	43 - 100
2,4-Dichlorophenol	6670	5290		ug/Kg		79	53 - 101
Diethyl phthalate	6670	5240		ug/Kg		79	48 - 104
2,4-Dimethylphenol	6670	5080		ug/Kg		76	51 - 101
Dimethyl phthalate	6670	5350		ug/Kg		80	53 - 100
Di-n-butyl phthalate	6670	4820		ug/Kg		72	57 - 102
4,6-Dinitro-2-methylphenol	13300	11500		ug/Kg		87	51 - 100
2,4-Dinitrophenol	13300	13100		ug/Kg		98	33 - 101
2,4-Dinitrotoluene	6670	6020		ug/Kg		90	54 - 104
2,6-Dinitrotoluene	6670	5300		ug/Kg		80	51 - 106
Di-n-octyl phthalate	6670	3820		ug/Kg		57	41 - 106
1,4-Dioxane	6670	4450		ug/Kg		67	25 - 125
Fluoranthene	6670	5720		ug/Kg		86	55 - 100
Fluorene	6670	5030		ug/Kg		75	52 - 100
Hexachlorobenzene	6670	5070		ug/Kg		76	49 - 100
Hexachlorobutadiene	6670	5770		ug/Kg		86	38 - 107
Hexachlorocyclopentadiene	6670	3990		ug/Kg		60	33 - 117
Hexachloroethane	6670	4300		ug/Kg		64	47 - 100
Indeno[1,2,3-cd]pyrene	6670	5080		ug/Kg		76	51 - 103
Isophorone	6670	5120		ug/Kg		77	48 - 105
2-Methylnaphthalene	6670	5390		ug/Kg		81	53 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510833/2-A
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	6670	4960		ug/Kg		74	50 - 101
Methylphenol, 3 & 4	6670	5210		ug/Kg		78	50 - 103
Naphthalene	6670	4960		ug/Kg		74	51 - 100
2-Nitroaniline	6670	4830		ug/Kg		72	42 - 123
3-Nitroaniline	6670	5200		ug/Kg		78	50 - 103
4-Nitroaniline	6670	5790		ug/Kg		87	52 - 103
Nitrobenzene	6670	4670		ug/Kg		70	44 - 108
2-Nitrophenol	6670	5310		ug/Kg		80	55 - 107
4-Nitrophenol	13300	11800		ug/Kg		89	30 - 134
N-Nitrosodi-n-propylamine	6670	4780		ug/Kg		72	45 - 107
N-Nitrosodiphenylamine	6670	4660		ug/Kg		70	52 - 100
2,2'-oxybis[1-chloropropane]	6670	3330		ug/Kg		50	30 - 113
Pentachlorophenol	13300	9790		ug/Kg		73	42 - 110
Phenanthrene	6670	4630		ug/Kg		69	53 - 100
Phenol	6670	4610		ug/Kg		69	49 - 100
Pyrene	6670	4610		ug/Kg		69	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	5020		ug/Kg		75	41 - 104
2,3,4,6-Tetrachlorophenol	6670	5680		ug/Kg		85	47 - 104
2,4,5-Trichlorophenol	6670	5270		ug/Kg		79	50 - 104
2,4,6-Trichlorophenol	6670	5120		ug/Kg		77	50 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*69*		*44 - 105*
2-Fluorophenol (Surr)	*70*		*48 - 105*
Nitrobenzene-d5 (Surr)	*67*		*46 - 105*
Phenol-d5 (Surr)	*72*		*46 - 105*
Terphenyl-d14 (Surr)	*70*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*79*		*34 - 108*

Lab Sample ID: 180-202357-6 MS
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 510833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		7520	5430		ug/Kg	☼	72	50 - 100
Acenaphthylene	ND		7520	5260		ug/Kg	☼	70	52 - 100
Acetophenone	ND		7520	5170		ug/Kg	☼	69	48 - 100
Anthracene	ND		7520	5180		ug/Kg	☼	69	53 - 100
Atrazine	ND		7520	5790		ug/Kg	☼	77	49 - 103
Benzaldehyde	ND	F1	7520	698	J F1	ug/Kg	☼	9	23 - 105
Benzo[a]anthracene	ND		7520	5450		ug/Kg	☼	72	51 - 100
Benzo[a]pyrene	ND		7520	5270		ug/Kg	☼	70	51 - 100
Benzo[b]fluoranthene	26	J	7520	5230		ug/Kg	☼	69	48 - 100
Benzo[g,h,i]perylene	ND		7520	6130		ug/Kg	☼	82	48 - 105
Benzo[k]fluoranthene	ND		7520	5690		ug/Kg	☼	76	19 - 100
1,1'-Biphenyl	ND		7520	5180		ug/Kg	☼	69	50 - 100
Bis(2-chloroethoxy)methane	ND		7520	5070		ug/Kg	☼	67	49 - 100
Bis(2-chloroethyl)ether	ND		7520	4670		ug/Kg	☼	62	48 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202357-6 MS
Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510864
Prep Batch: 510833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	ND		7520	5060		ug/Kg	☼	67	53 - 107
4-Bromophenyl phenyl ether	ND		7520	5840		ug/Kg	☼	78	52 - 101
Butyl benzyl phthalate	ND		7520	5140		ug/Kg	☼	68	52 - 107
Caprolactam	ND		7520	6460		ug/Kg	☼	86	48 - 111
Carbazole	ND		7520	5490		ug/Kg	☼	73	53 - 100
4-Chloroaniline	ND		7520	4790		ug/Kg	☼	64	47 - 100
4-Chloro-3-methylphenol	ND		7520	5760		ug/Kg	☼	77	49 - 106
2-Chloronaphthalene	ND		7520	5030		ug/Kg	☼	67	51 - 100
2-Chlorophenol	ND		7520	5220		ug/Kg	☼	69	51 - 100
4-Chlorophenyl phenyl ether	ND		7520	6480		ug/Kg	☼	86	52 - 100
Chrysene	ND		7520	5560		ug/Kg	☼	74	50 - 100
Dibenz(a,h)anthracene	ND		7520	5900		ug/Kg	☼	79	50 - 107
Dibenzofuran	ND		7520	5610		ug/Kg	☼	75	52 - 100
3,3'-Dichlorobenzidine	ND		7520	4770		ug/Kg	☼	63	43 - 100
2,4-Dichlorophenol	ND		7520	5590		ug/Kg	☼	74	53 - 101
Diethyl phthalate	ND		7520	5870		ug/Kg	☼	78	48 - 104
2,4-Dimethylphenol	ND		7520	5310		ug/Kg	☼	71	51 - 101
Dimethyl phthalate	ND		7520	6020		ug/Kg	☼	80	53 - 100
Di-n-butyl phthalate	ND		7520	5410		ug/Kg	☼	72	57 - 102
4,6-Dinitro-2-methylphenol	ND		15000	12500		ug/Kg	☼	83	51 - 100
2,4-Dinitrophenol	ND		15000	12000		ug/Kg	☼	80	33 - 101
2,4-Dinitrotoluene	ND		7520	6690		ug/Kg	☼	89	54 - 104
2,6-Dinitrotoluene	ND		7520	5940		ug/Kg	☼	79	51 - 106
Di-n-octyl phthalate	ND		7520	4650		ug/Kg	☼	62	41 - 106
1,4-Dioxane	ND		7520	4160		ug/Kg	☼	55	25 - 125
Fluoranthene	41	J	7520	6360		ug/Kg	☼	84	55 - 100
Fluorene	ND		7520	5580		ug/Kg	☼	74	52 - 100
Hexachlorobenzene	ND		7520	5740		ug/Kg	☼	76	49 - 100
Hexachlorobutadiene	ND		7520	6410		ug/Kg	☼	85	38 - 107
Hexachlorocyclopentadiene	ND		7520	4260		ug/Kg	☼	57	33 - 117
Hexachloroethane	ND		7520	4630		ug/Kg	☼	62	47 - 100
Indeno[1,2,3-cd]pyrene	ND		7520	5950		ug/Kg	☼	79	51 - 103
Isophorone	ND		7520	5550		ug/Kg	☼	74	48 - 105
2-Methylnaphthalene	ND		7520	5800		ug/Kg	☼	77	53 - 100
2-Methylphenol	ND		7520	5150		ug/Kg	☼	69	50 - 101
Methylphenol, 3 & 4	ND		7520	5460		ug/Kg	☼	73	50 - 103
Naphthalene	ND		7520	5380		ug/Kg	☼	71	51 - 100
2-Nitroaniline	ND		7520	5450		ug/Kg	☼	72	42 - 123
3-Nitroaniline	ND		7520	5220		ug/Kg	☼	69	50 - 103
4-Nitroaniline	ND		7520	5600		ug/Kg	☼	74	52 - 103
Nitrobenzene	ND		7520	5080		ug/Kg	☼	68	44 - 108
2-Nitrophenol	ND		7520	5890		ug/Kg	☼	78	55 - 107
4-Nitrophenol	ND		15000	12700		ug/Kg	☼	85	30 - 134
N-Nitrosodi-n-propylamine	ND		7520	5090		ug/Kg	☼	68	45 - 107
N-Nitrosodiphenylamine	ND		7520	5300		ug/Kg	☼	71	52 - 100
2,2'-oxybis[1-chloropropane]	ND		7520	3600		ug/Kg	☼	48	30 - 113
Pentachlorophenol	ND		15000	10600		ug/Kg	☼	71	42 - 110
Phenanthrene	ND		7520	5270		ug/Kg	☼	70	53 - 100
Phenol	ND		7520	4900		ug/Kg	☼	65	49 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202357-6 MS
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 510833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Pyrene	29	J	7520	5350		ug/Kg	☼	71	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		7520	5830		ug/Kg	☼	78	41 - 104
2,3,4,6-Tetrachlorophenol	ND		7520	6270		ug/Kg	☼	83	47 - 104
2,4,5-Trichlorophenol	ND		7520	6010		ug/Kg	☼	80	50 - 104
2,4,6-Trichlorophenol	ND		7520	5720		ug/Kg	☼	76	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*70*		*44 - 105*
2-Fluorophenol (Surr)	*68*		*48 - 105*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*
Phenol-d5 (Surr)	*68*		*46 - 105*
Terphenyl-d14 (Surr)	*74*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*

Lab Sample ID: 180-202357-6 MSD
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 510833

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		7520	5200		ug/Kg	☼	69	50 - 100	4	20
Acenaphthylene	ND		7520	4950		ug/Kg	☼	66	52 - 100	6	20
Acetophenone	ND		7520	4730		ug/Kg	☼	63	48 - 100	9	17
Anthracene	ND		7520	4970		ug/Kg	☼	66	53 - 100	4	20
Atrazine	ND		7520	5430		ug/Kg	☼	72	49 - 103	6	19
Benzaldehyde	ND	F1	7520	642	J F1	ug/Kg	☼	9	23 - 105	8	31
Benzo[a]anthracene	ND		7520	5170		ug/Kg	☼	69	51 - 100	5	21
Benzo[a]pyrene	ND		7520	4970		ug/Kg	☼	66	51 - 100	6	20
Benzo[b]fluoranthene	26	J	7520	4600		ug/Kg	☼	61	48 - 100	13	20
Benzo[g,h,i]perylene	ND		7520	5820		ug/Kg	☼	77	48 - 105	5	19
Benzo[k]fluoranthene	ND		7520	5580		ug/Kg	☼	74	19 - 100	2	20
1,1'-Biphenyl	ND		7520	4980		ug/Kg	☼	66	50 - 100	4	19
Bis(2-chloroethoxy)methane	ND		7520	4870		ug/Kg	☼	65	49 - 100	4	20
Bis(2-chloroethyl)ether	ND		7520	4340		ug/Kg	☼	58	48 - 100	7	18
Bis(2-ethylhexyl) phthalate	ND		7520	4820		ug/Kg	☼	64	53 - 107	5	20
4-Bromophenyl phenyl ether	ND		7520	5560		ug/Kg	☼	74	52 - 101	5	20
Butyl benzyl phthalate	ND		7520	4870		ug/Kg	☼	65	52 - 107	5	19
Caprolactam	ND		7520	6200		ug/Kg	☼	82	48 - 111	4	23
Carbazole	ND		7520	5200		ug/Kg	☼	69	53 - 100	5	20
4-Chloroaniline	ND		7520	4650		ug/Kg	☼	62	47 - 100	3	20
4-Chloro-3-methylphenol	ND		7520	5540		ug/Kg	☼	74	49 - 106	4	20
2-Chloronaphthalene	ND		7520	4760		ug/Kg	☼	63	51 - 100	6	20
2-Chlorophenol	ND		7520	4870		ug/Kg	☼	65	51 - 100	7	17
4-Chlorophenyl phenyl ether	ND		7520	6110		ug/Kg	☼	81	52 - 100	6	19
Chrysene	ND		7520	5430		ug/Kg	☼	72	50 - 100	2	20
Dibenz(a,h)anthracene	ND		7520	5560		ug/Kg	☼	74	50 - 107	6	21
Dibenzofuran	ND		7520	5310		ug/Kg	☼	71	52 - 100	6	19
3,3'-Dichlorobenzidine	ND		7520	4570		ug/Kg	☼	61	43 - 100	4	19
2,4-Dichlorophenol	ND		7520	5370		ug/Kg	☼	71	53 - 101	4	22

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202357-6 MSD
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 510833

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	ND		7520	5630		ug/Kg	☼	75	48 - 104	4	20
2,4-Dimethylphenol	ND		7520	5030		ug/Kg	☼	67	51 - 101	5	32
Dimethyl phthalate	ND		7520	5720		ug/Kg	☼	76	53 - 100	5	21
Di-n-butyl phthalate	ND		7520	5130		ug/Kg	☼	68	57 - 102	5	20
4,6-Dinitro-2-methylphenol	ND		15000	12100		ug/Kg	☼	80	51 - 100	4	22
2,4-Dinitrophenol	ND		15000	11900		ug/Kg	☼	79	33 - 101	1	20
2,4-Dinitrotoluene	ND		7520	6500		ug/Kg	☼	86	54 - 104	3	20
2,6-Dinitrotoluene	ND		7520	5730		ug/Kg	☼	76	51 - 106	4	20
Di-n-octyl phthalate	ND		7520	4320		ug/Kg	☼	58	41 - 106	7	18
1,4-Dioxane	ND		7520	3770		ug/Kg	☼	50	25 - 125	10	17
Fluoranthene	41	J	7520	6020		ug/Kg	☼	79	55 - 100	5	20
Fluorene	ND		7520	5340		ug/Kg	☼	71	52 - 100	4	19
Hexachlorobenzene	ND		7520	5420		ug/Kg	☼	72	49 - 100	6	20
Hexachlorobutadiene	ND		7520	6030		ug/Kg	☼	80	38 - 107	6	22
Hexachlorocyclopentadiene	ND		7520	4070		ug/Kg	☼	54	33 - 117	5	19
Hexachloroethane	ND		7520	4220		ug/Kg	☼	56	47 - 100	9	17
Indeno[1,2,3-cd]pyrene	ND		7520	5710		ug/Kg	☼	76	51 - 103	4	19
Isophorone	ND		7520	5230		ug/Kg	☼	70	48 - 105	6	20
2-Methylnaphthalene	ND		7520	5560		ug/Kg	☼	74	53 - 100	4	21
2-Methylphenol	ND		7520	4810		ug/Kg	☼	64	50 - 101	7	17
Methylphenol, 3 & 4	ND		7520	5080		ug/Kg	☼	68	50 - 103	7	19
Naphthalene	ND		7520	5160		ug/Kg	☼	69	51 - 100	4	20
2-Nitroaniline	ND		7520	5070		ug/Kg	☼	67	42 - 123	7	19
3-Nitroaniline	ND		7520	4960		ug/Kg	☼	66	50 - 103	5	20
4-Nitroaniline	ND		7520	5200		ug/Kg	☼	69	52 - 103	7	18
Nitrobenzene	ND		7520	4800		ug/Kg	☼	64	44 - 108	6	21
2-Nitrophenol	ND		7520	5600		ug/Kg	☼	74	55 - 107	5	19
4-Nitrophenol	ND		15000	12300		ug/Kg	☼	82	30 - 134	3	18
N-Nitrosodi-n-propylamine	ND		7520	4740		ug/Kg	☼	63	45 - 107	7	18
N-Nitrosodiphenylamine	ND		7520	5030		ug/Kg	☼	67	52 - 100	5	20
2,2'-oxybis[1-chloropropane]	ND		7520	3350		ug/Kg	☼	45	30 - 113	7	17
Pentachlorophenol	ND		15000	9950		ug/Kg	☼	66	42 - 110	7	20
Phenanthrene	ND		7520	4930		ug/Kg	☼	66	53 - 100	7	20
Phenol	ND		7520	4540		ug/Kg	☼	60	49 - 100	8	16
Pyrene	29	J	7520	5110		ug/Kg	☼	68	52 - 100	5	20
1,2,4,5-Tetrachlorobenzene	ND		7520	5490		ug/Kg	☼	73	41 - 104	6	21
2,3,4,6-Tetrachlorophenol	ND		7520	6050		ug/Kg	☼	81	47 - 104	4	18
2,4,5-Trichlorophenol	ND		7520	5750		ug/Kg	☼	76	50 - 104	5	21
2,4,6-Trichlorophenol	ND		7520	5440		ug/Kg	☼	72	50 - 105	5	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*66*		*44 - 105*
2-Fluorophenol (Surr)	*63*		*48 - 105*
Nitrobenzene-d5 (Surr)	*62*		*46 - 105*
Phenol-d5 (Surr)	*64*		*46 - 105*
Terphenyl-d14 (Surr)	*69*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*74*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-510835/1-A
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510835

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1221	ND		17	5.9	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1232	ND		17	4.1	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1242	ND		17	2.4	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1248	ND		17	4.0	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1254	ND		17	5.0	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1260	ND		17	4.7	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1262	ND		17	5.9	ug/Kg		02/27/26 12:16	03/05/26 06:15	1
PCB-1268	ND		17	2.2	ug/Kg		02/27/26 12:16	03/05/26 06:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*91*		*26 - 142*	*02/27/26 12:16*	*03/05/26 06:15*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*26 - 142*	*02/27/26 12:16*	*03/05/26 06:15*	*1*
Tetrachloro-m-xylene (Surr)	*103*		*17 - 144*	*02/27/26 12:16*	*03/05/26 06:15*	*1*
Tetrachloro-m-xylene (Surr)	*108*		*17 - 144*	*02/27/26 12:16*	*03/05/26 06:15*	*1*

Lab Sample ID: LCS 180-510835/2-A
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510835

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1170		ug/Kg		88	53 - 115		
PCB-1260			1330	958		ug/Kg		72	45 - 108		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*74*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*

Lab Sample ID: 180-202357-6 MS
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 510835

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1510	1310		ug/Kg	☼	87	53 - 115		
PCB-1260	ND		1510	1110		ug/Kg	☼	74	45 - 108		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*72*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*73*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-202357-6 MSD
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 510835

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1510	1230		ug/Kg	☼	81	53 - 115	6	25
PCB-1260	ND		1510	1060		ug/Kg	☼	70	45 - 108	5	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*81*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*87*		*17 - 144*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-778237/1-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g		03/05/26 14:13	03/09/26 21:01	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g		03/05/26 14:13	03/09/26 21:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-778237/1-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g		03/05/26 14:13	03/09/26 21:01	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g		03/05/26 14:13	03/09/26 21:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		03/05/26 14:13	03/09/26 21:01	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		03/05/26 14:13	03/09/26 21:01	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*102*		*8 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C5-PFPeA	*104*		*35 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C5-PFHxA	*102*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C4-PFHpA	*101*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C8-PFOA	*96.5*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C9-PFNA	*90.4*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C6-PFDA	*99.9*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C7-PFUnA	*103*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C2 PFDoA	*86.0*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C2-PFTeDA	*76.5*		*20 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C3-PFBS	*97.7*		*40 - 135*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C3-PFHxS	*92.6*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C8-PFOS	*96.6*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C8-PFOSA	*81.4*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
d3-NMeFOSAA	*88.5*		*40 - 135*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
d5-NEtFOSAA	*85.3*		*40 - 150*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C2 4:2 FTS	*104*		*40 - 165*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C2 6:2 FTS	*98.7*		*40 - 215*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C2 8:2 FTS	*296*	**5+*	*40 - 275*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C3-HFPO-DA	*93.3*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
D7-NMeFOSE	*68.4*		*20 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-778237/1-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778237

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
D9-NEtFOSE	65.0		15 - 130	03/05/26 14:13	03/09/26 21:01	1
d5-NEtPFOSA	69.0		10 - 130	03/05/26 14:13	03/09/26 21:01	1
d3-NMePFOSA	70.7		10 - 130	03/05/26 14:13	03/09/26 21:01	1

Lab Sample ID: LCS 410-778237/2-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	3.85		ng/g		77	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.13		ng/g		85	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.10		ng/g		84	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.08		ng/g		83	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.21		ng/g		88	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.00		ng/g		80	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.15		ng/g		86	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.09		ng/g		84	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.24		ng/g		89	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.47		ng/g		99	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	1.99		ng/g		80	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.77		ng/g		80	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.05		ng/g		87	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.00		ng/g		88	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.09		ng/g		88	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	1.89		ng/g		81	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.88		ng/g		78	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.53		ng/g		63	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.01		ng/g		86	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	3.86		ng/g		81	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	3.89		ng/g		81	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.09		ng/g		84	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.22		ng/g		89	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.22		ng/g		89	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.02		ng/g		81	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.21		ng/g		88	65 - 165

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-778237/2-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.1		ng/g		88	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	11.5		ng/g		92	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.57		ng/g		84	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.13		ng/g		90	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	1.93		ng/g		77	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.23		ng/g		89	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.05		ng/g		82	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	1.91		ng/g		82	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.85		ng/g		78	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	1.93		ng/g		86	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	3.76		ng/g		75	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	9.43		ng/g		75	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	8.64		ng/g		69	60 - 150
Perfluorodecanesulfonic acid (PFDS)	2.41	1.78		ng/g		74	40 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4-PFBA	*109*		*8 - 130*
13C5-PFPeA	*109*		*35 - 130*
13C5-PFHxA	*106*		*40 - 130*
13C4-PFHpA	*106*		*40 - 130*
13C8-PFOA	*100*		*40 - 130*
13C9-PFNA	*90.1*		*40 - 130*
13C6-PFDA	*94.5*		*40 - 130*
13C7-PFUnA	*95.9*		*40 - 130*
13C2 PFDoA	*82.4*		*40 - 130*
13C2-PFTeDA	*70.1*		*20 - 130*
13C3-PFBS	*101*		*40 - 135*
13C3-PFHxS	*97.1*		*40 - 130*
13C8-PFOS	*96.6*		*40 - 130*
13C8-PFOSA	*81.8*		*40 - 130*
d3-NMeFOSAA	*86.8*		*40 - 135*
d5-NEtFOSAA	*85.6*		*40 - 150*
13C2 4:2 FTS	*101*		*40 - 165*
13C2 6:2 FTS	*101*		*40 - 215*
13C2 8:2 FTS	*222*		*40 - 275*
13C3-HFPO-DA	*100*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-778237/2-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778237

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
D7-NMeFOSE	*57.1*		*20 - 130*
D9-NEtFOSE	*51.0*		*15 - 130*
d5-NEtPFOSA	*64.4*		*10 - 130*
d3-NMePFOSA	*67.5*		*10 - 130*

Lab Sample ID: LLCS 410-778237/3-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778237

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.435		ng/g		87	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.216		ng/g		86	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.227		ng/g		91	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.214		ng/g		85	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.229		ng/g		92	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.213		ng/g		85	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.230		ng/g		92	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.221		ng/g		88	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.239		ng/g		96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.247		ng/g		99	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.212		ng/g		85	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.187	J	ng/g		84	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.223		ng/g		95	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.217		ng/g		95	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.246		ng/g		103	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.227		ng/g		98	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.189	J	ng/g		79	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.152	J	ng/g		63	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.454		ng/g		97	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.427		ng/g		90	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.450		ng/g		94	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.235		ng/g		94	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.225		ng/g		90	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.241		ng/g		96	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.222		ng/g		89	65 - 155

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-778237/3-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778237

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.264		ng/g		106	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.20		ng/g		96	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.24		ng/g		99	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.166	J	ng/g		89	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.226		ng/g		96	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.198	J	ng/g		79	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.226		ng/g		91	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.220		ng/g		88	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.215		ng/g		92	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.165	J	ng/g		70	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.203		ng/g		91	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.456		ng/g		91	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.35		ng/g		108	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.14		ng/g		91	60 - 150
Perfluorodecanesulfonic acid (PFDS)	0.241	0.165	J	ng/g		69	40 - 155

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4-PFBA	*116*		*8 - 130*
13C5-PFPeA	*119*		*35 - 130*
13C5-PFHxA	*113*		*40 - 130*
13C4-PFHpA	*118*		*40 - 130*
13C8-PFOA	*114*		*40 - 130*
13C9-PFNA	*94.4*		*40 - 130*
13C6-PFDA	*94.4*		*40 - 130*
13C7-PFUnA	*90.2*		*40 - 130*
13C2 PFDoA	*72.4*		*40 - 130*
13C2-PFTeDA	*62.2*		*20 - 130*
13C3-PFBS	*115*		*40 - 135*
13C3-PFHxS	*109*		*40 - 130*
13C8-PFOS	*88.0*		*40 - 130*
13C8-PFOSA	*85.0*		*40 - 130*
d3-NMeFOSAA	*85.7*		*40 - 135*
d5-NEtFOSAA	*83.7*		*40 - 150*
13C2 4:2 FTS	*118*		*40 - 165*
13C2 6:2 FTS	*112*		*40 - 215*
13C2 8:2 FTS	*218*		*40 - 275*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-778237/3-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778237

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3-HFPO-DA	*108*		*40 - 130*
D7-NMeFOSE	*40.5*		*20 - 130*
D9-NEtFOSE	*36.6*		*15 - 130*
d5-NEtPFOSA	*58.7*		*10 - 130*
d3-NMePFOSA	*63.8*		*10 - 130*

Lab Sample ID: 180-202357-6 MS
Matrix: Solid
Analysis Batch: 780308

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 778237

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	ND		4.98	4.09		ng/g	☼	82	70 - 140
Perfluoropentanoic acid (PFPeA)	ND		2.49	2.18		ng/g	☼	88	60 - 150
Perfluorohexanoic acid (PFHxA)	ND		2.49	2.19		ng/g	☼	88	65 - 140
Perfluoroheptanoic acid (PFHpA)	ND		2.49	2.19		ng/g	☼	88	65 - 145
Perfluorooctanoic acid (PFOA)	0.10	J	2.49	2.31		ng/g	☼	89	70 - 150
Perfluorononanoic acid (PFNA)	ND		2.49	2.20		ng/g	☼	88	70 - 155
Perfluorodecanoic acid (PFDA)	ND		2.49	2.25		ng/g	☼	90	70 - 155
Perfluoroundecanoic acid (PFUnA)	ND		2.49	2.26		ng/g	☼	91	70 - 155
Perfluorododecanoic acid (PFDoA)	ND		2.49	2.34		ng/g	☼	94	70 - 150
Perfluorotridecanoic acid (PFTrDA)	ND		2.49	2.50		ng/g	☼	101	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	ND		2.49	2.14		ng/g	☼	86	65 - 150
Perfluorobutanesulfonic acid (PFBS)	ND		2.21	1.90		ng/g	☼	86	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		2.34	2.12		ng/g	☼	90	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	ND		2.27	2.13		ng/g	☼	94	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.37	2.10		ng/g	☼	88	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.18	J	2.31	2.10		ng/g	☼	83	65 - 160
Perfluorononanesulfonic acid (PFNS)	ND		2.39	1.93		ng/g	☼	81	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	ND		2.41	1.51		ng/g	☼	62	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.67	4.25		ng/g	☼	91	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.74	4.33		ng/g	☼	91	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.78	4.64		ng/g	☼	97	70 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		2.49	2.18		ng/g	☼	88	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.49	2.29		ng/g	☼	92	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.49	2.25		ng/g	☼	90	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202357-6 MS
Matrix: Solid
Analysis Batch: 780308

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 778237

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.49	2.13		ng/g	☼	86	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.49	2.26		ng/g	☼	91	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.4	11.6		ng/g	☼	94	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.4	11.2		ng/g	☼	90	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.87	1.64		ng/g	☼	88	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.35	2.03		ng/g	☼	86	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.49	2.18		ng/g	☼	87	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.49	2.34		ng/g	☼	94	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.49	2.24		ng/g	☼	90	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.32	2.05		ng/g	☼	88	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.35	1.78		ng/g	☼	76	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.22	1.95		ng/g	☼	88	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.98	4.05		ng/g	☼	81	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.4	9.59		ng/g	☼	77	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.4	9.40		ng/g	☼	76	60 - 150
Perfluorodecanesulfonic acid (PFDS)	ND		2.40	1.77		ng/g	☼	74	40 - 155

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4-PFBA	*104*		*8 - 130*
13C5-PFPeA	*103*		*35 - 130*
13C5-PFHxA	*103*		*40 - 130*
13C4-PFHpA	*106*		*40 - 130*
13C8-PFOA	*98.1*		*40 - 130*
13C9-PFNA	*83.4*		*40 - 130*
13C6-PFDA	*92.9*		*40 - 130*
13C7-PFUnA	*92.2*		*40 - 130*
13C2 PFDoA	*79.5*		*40 - 130*
13C2-PFTeDA	*70.7*		*20 - 130*
13C3-PFBS	*89.7*		*40 - 135*
13C3-PFHxS	*88.7*		*40 - 130*
13C8-PFOS	*84.2*		*40 - 130*
13C8-PFOSA	*77.0*		*40 - 130*
d3-NMeFOSAA	*86.7*		*40 - 135*
d5-NEtFOSAA	*82.8*		*40 - 150*
13C2 4:2 FTS	*144*		*40 - 165*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202357-6 MS
Matrix: Solid
Analysis Batch: 780308

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 778237

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C2 6:2 FTS	*102*		*40 - 215*
13C2 8:2 FTS	*220*		*40 - 275*
13C3-HFPO-DA	*106*		*40 - 130*
D7-NMeFOSE	*61.1*		*20 - 130*
D9-NEtFOSE	*56.6*		*15 - 130*
d5-NEtPFOSA	*64.1*		*10 - 130*
d3-NMePFOSA	*67.8*		*10 - 130*

Lab Sample ID: 180-202357-6 MSD
Matrix: Solid
Analysis Batch: 780308

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 778237

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	ND		4.96	4.09		ng/g	☼	82	70 - 140	0	30
Perfluoropentanoic acid (PFPeA)	ND		2.48	2.19		ng/g	☼	89	60 - 150	1	30
Perfluorohexanoic acid (PFHxA)	ND		2.48	2.17		ng/g	☼	87	65 - 140	1	30
Perfluoroheptanoic acid (PFHpA)	ND		2.48	2.24		ng/g	☼	91	65 - 145	2	30
Perfluorooctanoic acid (PFOA)	0.10	J	2.48	2.31		ng/g	☼	89	70 - 150	0	30
Perfluorononanoic acid (PFNA)	ND		2.48	2.10		ng/g	☼	85	70 - 155	5	30
Perfluorodecanoic acid (PFDA)	ND		2.48	2.14		ng/g	☼	87	70 - 155	5	30
Perfluoroundecanoic acid (PFUnA)	ND		2.48	2.22		ng/g	☼	90	70 - 155	2	30
Perfluorododecanoic acid (PFDoA)	ND		2.48	2.32		ng/g	☼	94	70 - 150	1	30
Perfluorotridecanoic acid (PFTrDA)	ND		2.48	2.33		ng/g	☼	94	65 - 150	7	30
Perfluorotetradecanoic acid (PFTeDA)	ND		2.48	2.17		ng/g	☼	87	65 - 150	1	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.20	1.97		ng/g	☼	90	65 - 145	4	30
Perfluoropentanesulfonic acid (PFPeS)	ND		2.33	2.18		ng/g	☼	93	55 - 160	3	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.26	2.15		ng/g	☼	95	60 - 150	1	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.36	2.19		ng/g	☼	93	65 - 155	4	30
Perfluorooctanesulfonic acid (PFOS)	0.18	J	2.30	2.18		ng/g	☼	87	65 - 160	4	30
Perfluorononanesulfonic acid (PFNS)	ND		2.38	1.98		ng/g	☼	83	55 - 140	3	30
Perfluorododecanesulfonic acid (PFDoS)	ND		2.40	1.67		ng/g	☼	70	25 - 160	11	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.65	4.20		ng/g	☼	90	60 - 150	1	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.72	4.70		ng/g	☼	100	55 - 200	8	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.76	4.17		ng/g	☼	88	70 - 150	11	30
Perfluorooctanesulfonamide (PFOSA)	ND		2.48	2.29		ng/g	☼	92	70 - 140	5	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.48	2.37		ng/g	☼	95	70 - 155	3	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202357-6 MSD
Matrix: Solid
Analysis Batch: 780308

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 778237

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.48	2.21		ng/g	☼	89	70 - 140	2	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.48	2.12		ng/g	☼	86	65 - 155	1	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.48	2.32		ng/g	☼	94	65 - 165	2	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.4	11.6		ng/g	☼	93	70 - 140	1	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.4	11.6		ng/g	☼	93	70 - 135	3	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.86	1.74		ng/g	☼	94	70 - 145	6	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.34	2.13		ng/g	☼	91	70 - 160	5	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.48	2.04		ng/g	☼	82	60 - 150	6	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.48	2.27		ng/g	☼	92	30 - 140	3	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.48	2.09		ng/g	☼	84	60 - 155	7	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.31	2.16		ng/g	☼	93	70 - 150	5	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.34	1.89		ng/g	☼	81	45 - 160	6	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.21	1.86		ng/g	☼	84	70 - 140	5	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.96	4.13		ng/g	☼	83	45 - 130	2	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.4	9.76		ng/g	☼	79	60 - 130	2	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.4	8.59		ng/g	☼	69	60 - 150	9	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.39	1.81		ng/g	☼	76	40 - 155	2	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4-PFBA	*104*		*8 - 130*
13C5-PFPeA	*104*		*35 - 130*
13C5-PFHxA	*97.7*		*40 - 130*
13C4-PFHpA	*99.3*		*40 - 130*
13C8-PFOA	*92.6*		*40 - 130*
13C9-PFNA	*84.5*		*40 - 130*
13C6-PFDA	*83.7*		*40 - 130*
13C7-PFUnA	*81.3*		*40 - 130*
13C2 PFDoA	*71.2*		*40 - 130*
13C2-PFTeDA	*65.0*		*20 - 130*
13C3-PFBS	*86.5*		*40 - 135*
13C3-PFHxS	*79.6*		*40 - 130*
13C8-PFOS	*73.6*		*40 - 130*
13C8-PFOSA	*75.0*		*40 - 130*
d3-NMeFOSAA	*81.7*		*40 - 135*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202357-6 MSD
Matrix: Solid
Analysis Batch: 780308

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 778237

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
d5-NEtFOSAA	*79.1*		*40 - 150*
13C2 4:2 FTS	*145*		*40 - 165*
13C2 6:2 FTS	*99.1*		*40 - 215*
13C2 8:2 FTS	*208*		*40 - 275*
13C3-HFPO-DA	*96.6*		*40 - 130*
D7-NMeFOSE	*58.3*		*20 - 130*
D9-NEtFOSE	*50.5*		*15 - 130*
d5-NEtPFOSA	*62.1*		*10 - 130*
d3-NMePFOSA	*66.1*		*10 - 130*

Method: EPA 6010D - Metals (ICP)

Lab Sample ID: MB 410-778039/1-A
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778039

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.0	1.7	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Aluminum	ND		30	9.0	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Arsenic	ND		5.0	1.4	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Barium	ND		0.50	0.15	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Beryllium	ND		0.50	0.10	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Cadmium	ND		0.50	0.10	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Calcium	ND		50	21	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Chromium	ND		1.5	0.60	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Cobalt	ND		0.50	0.15	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Copper	ND		2.0	0.77	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Iron	ND		20	8.0	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Lead	ND		1.5	0.60	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Magnesium	ND		20	4.0	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Manganese	ND		1.0	0.40	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Nickel	ND		1.0	0.40	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Potassium	ND		100	35	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Selenium	ND		5.0	1.5	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Silver	ND		1.0	0.40	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Sodium	ND		100	40	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Thallium	ND		3.0	1.3	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Zinc	ND		2.0	0.80	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Vanadium	ND		1.0	0.43	mg/Kg		03/05/26 09:45	03/05/26 20:43	1

Lab Sample ID: LCS 410-778039/2-A
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778039

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.66		mg/Kg		97	80 - 120
Aluminum	500	474		mg/Kg		95	88 - 110
Arsenic	50.0	48.2		mg/Kg		96	87 - 113
Barium	50.0	48.8		mg/Kg		98	90 - 111

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-778039/2-A
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778039

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	5.00	4.96		mg/Kg		99	90 - 113
Cadmium	5.00	4.88		mg/Kg		98	90 - 110
Calcium	500	480		mg/Kg		96	90 - 111
Chromium	50.0	48.2		mg/Kg		96	90 - 113
Cobalt	50.0	48.7		mg/Kg		97	90 - 110
Copper	50.0	48.1		mg/Kg		96	90 - 110
Iron	500	478		mg/Kg		96	89 - 111
Lead	5.00	5.06		mg/Kg		101	85 - 117
Magnesium	500	483		mg/Kg		97	89 - 111
Manganese	50.0	48.6		mg/Kg		97	90 - 111
Nickel	50.0	48.7		mg/Kg		97	90 - 111
Potassium	500	475		mg/Kg		95	88 - 113
Selenium	10.0	10.1		mg/Kg		101	80 - 119
Silver	5.00	4.93		mg/Kg		99	85 - 112
Sodium	500	482		mg/Kg		96	88 - 114
Thallium	10.0	9.95		mg/Kg		99	80 - 120
Zinc	50.0	47.9		mg/Kg		96	90 - 110
Vanadium	50.0	48.5		mg/Kg		97	90 - 111

Lab Sample ID: 180-202357-6 MS
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 778039

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1	10.8	6.74	F1	mg/Kg	☼	62	75 - 125
Aluminum	13000		542	17600	4	mg/Kg	☼	856	75 - 125
Arsenic	6.7		54.2	58.9		mg/Kg	☼	96	75 - 125
Barium	95	F1	54.2	157		mg/Kg	☼	115	75 - 125
Beryllium	0.56	J	5.42	5.89		mg/Kg	☼	98	75 - 125
Cadmium	ND		5.42	5.11		mg/Kg	☼	94	75 - 125
Calcium	18000	F2	542	28100	4	mg/Kg	☼	1929	75 - 125
Chromium	16		54.2	68.4		mg/Kg	☼	97	75 - 125
Cobalt	8.9		54.2	58.9		mg/Kg	☼	92	75 - 125
Copper	21		54.2	73.9		mg/Kg	☼	98	75 - 125
Iron	23000		542	22100	4	mg/Kg	☼	-100	75 - 125
Lead	15	F1	5.42	23.7	F1	mg/Kg	☼	158	75 - 125
Magnesium	5200		542	6930	4	mg/Kg	☼	324	75 - 125
Manganese	480		54.2	502	4	mg/Kg	☼	48	75 - 125
Nickel	21		54.2	69.4		mg/Kg	☼	90	75 - 125
Potassium	1600	F1	542	3670	F1	mg/Kg	☼	381	75 - 125
Selenium	ND		10.8	10.2		mg/Kg	☼	94	75 - 125
Silver	ND		5.42	5.34		mg/Kg	☼	99	75 - 125
Sodium	82	J	542	654		mg/Kg	☼	105	75 - 125
Thallium	ND		10.8	9.84		mg/Kg	☼	91	75 - 125
Zinc	73		54.2	122		mg/Kg	☼	89	75 - 125
Vanadium	19		54.2	76.9		mg/Kg	☼	107	75 - 125

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-202357-6 MSD
Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 778500
Prep Batch: 778039

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	10.5	6.05	F1	mg/Kg	☼	58	75 - 125	11	20
Aluminum	13000		523	19300	4	mg/Kg	☼	1226	75 - 125	10	20
Arsenic	6.7		52.3	58.2		mg/Kg	☼	99	75 - 125	1	20
Barium	95	F1	52.3	173	F1	mg/Kg	☼	149	75 - 125	9	20
Beryllium	0.56	J	5.23	5.83		mg/Kg	☼	101	75 - 125	1	20
Cadmium	ND		5.23	5.01		mg/Kg	☼	96	75 - 125	2	20
Calcium	18000	F2	523	15800	4 F2	mg/Kg	☼	-346	75 - 125	56	20
Chromium	16		52.3	68.5		mg/Kg	☼	101	75 - 125	0	20
Cobalt	8.9		52.3	59.2		mg/Kg	☼	96	75 - 125	1	20
Copper	21		52.3	73.3		mg/Kg	☼	100	75 - 125	1	20
Iron	23000		523	25200	4	mg/Kg	☼	501	75 - 125	13	20
Lead	15	F1	5.23	20.1		mg/Kg	☼	94	75 - 125	17	20
Magnesium	5200		523	6020	4	mg/Kg	☼	163	75 - 125	14	20
Manganese	480		52.3	585	4	mg/Kg	☼	209	75 - 125	15	20
Nickel	21		52.3	70.7		mg/Kg	☼	95	75 - 125	2	20
Potassium	1600	F1	523	3610	F1	mg/Kg	☼	384	75 - 125	2	20
Selenium	ND		10.5	9.56		mg/Kg	☼	91	75 - 125	6	20
Silver	ND		5.23	5.29		mg/Kg	☼	101	75 - 125	1	20
Sodium	82	J	523	616		mg/Kg	☼	102	75 - 125	6	20
Thallium	ND		10.5	9.41		mg/Kg	☼	90	75 - 125	5	20
Zinc	73		52.3	127		mg/Kg	☼	103	75 - 125	4	20
Vanadium	19		52.3	77.9		mg/Kg	☼	113	75 - 125	1	20

Lab Sample ID: 180-202357-6 DU
Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 778500
Prep Batch: 778039

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	ND	F1	ND		mg/Kg	☼	NC	20
Aluminum	13000		12900		mg/Kg	☼	0	20
Arsenic	6.7		6.69		mg/Kg	☼	0.6	20
Barium	95	F1	91.4		mg/Kg	☼	4	20
Beryllium	0.56	J	0.547		mg/Kg	☼	2	20
Cadmium	ND		ND		mg/Kg	☼	NC	20
Calcium	18000	F2	21800	F3	mg/Kg	☼	21	20
Chromium	16		15.0		mg/Kg	☼	4	20
Cobalt	8.9		8.72		mg/Kg	☼	2	20
Copper	21		21.4		mg/Kg	☼	2	20
Iron	23000		22100		mg/Kg	☼	2	20
Lead	15	F1	14.4		mg/Kg	☼	5	20
Magnesium	5200		6090		mg/Kg	☼	16	20
Manganese	480		483		mg/Kg	☼	2	20
Nickel	21		20.2		mg/Kg	☼	3	20
Potassium	1600	F1	1590		mg/Kg	☼	1	20
Selenium	ND		ND		mg/Kg	☼	NC	20
Silver	ND		ND		mg/Kg	☼	NC	20
Sodium	82	J	80.3	J	mg/Kg	☼	2	20
Thallium	ND		ND		mg/Kg	☼	NC	20
Zinc	73		72.0		mg/Kg	☼	2	20

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-202357-6 DU
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 778039

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Vanadium	19		19.2		mg/Kg	☼	1	20

Lab Sample ID: MB 410-778249/1-A
Matrix: Solid
Analysis Batch: 779175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778249

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.0	1.7	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Aluminum	ND		30	9.0	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Arsenic	ND		5.0	1.4	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Barium	ND		0.50	0.15	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Beryllium	ND		0.50	0.10	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Cadmium	ND		0.50	0.10	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Calcium	ND		50	21	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Chromium	ND		1.5	0.60	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Cobalt	ND		0.50	0.15	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Copper	ND		2.0	0.77	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Iron	ND		20	8.0	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Lead	ND		1.5	0.60	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Magnesium	ND		20	4.0	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Manganese	ND		1.0	0.40	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Nickel	ND		1.0	0.40	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Potassium	ND		100	35	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Selenium	ND		5.0	1.5	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Silver	ND		1.0	0.40	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Sodium	ND		100	40	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Thallium	ND		3.0	1.3	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Zinc	ND		2.0	0.80	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Vanadium	ND		1.0	0.43	mg/Kg		03/06/26 09:15	03/06/26 19:21	1

Lab Sample ID: LCS 410-778249/2-A
Matrix: Solid
Analysis Batch: 779175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.30		mg/Kg		93	80 - 120
Aluminum	500	496		mg/Kg		99	88 - 110
Arsenic	50.0	48.4		mg/Kg		97	87 - 113
Barium	50.0	50.9		mg/Kg		102	90 - 111
Beryllium	5.00	5.25		mg/Kg		105	90 - 113
Cadmium	5.00	5.06		mg/Kg		101	90 - 110
Calcium	500	518		mg/Kg		104	90 - 111
Chromium	50.0	51.2		mg/Kg		102	90 - 113
Cobalt	50.0	50.2		mg/Kg		100	90 - 110
Copper	50.0	50.2		mg/Kg		100	90 - 110
Iron	500	511		mg/Kg		102	89 - 111
Lead	5.00	4.95		mg/Kg		99	85 - 117
Magnesium	500	502		mg/Kg		100	89 - 111
Manganese	50.0	50.0		mg/Kg		100	90 - 111

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-778249/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779175
Prep Batch: 778249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	50.0	50.8		mg/Kg		102	90 - 111
Potassium	500	508		mg/Kg		102	88 - 113
Selenium	10.0	10.2		mg/Kg		102	80 - 119
Silver	5.00	5.19		mg/Kg		104	85 - 112
Sodium	500	498		mg/Kg		100	88 - 114
Thallium	10.0	10.5		mg/Kg		105	80 - 120
Zinc	50.0	49.3		mg/Kg		99	90 - 110
Vanadium	50.0	49.4		mg/Kg		99	90 - 111

Lab Sample ID: 180-202357-10 MS
Client Sample ID: SSHS-IRM5A2-SCV146-0-0.17
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779175
Prep Batch: 778249

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1	11.1	6.27	F1	mg/Kg	☼	56	75 - 125
Aluminum	13000		557	20500	4	mg/Kg	☼	1331	75 - 125
Arsenic	6.5		55.7	59.8		mg/Kg	☼	96	75 - 125
Barium	94	F1	55.7	187	F1	mg/Kg	☼	166	75 - 125
Beryllium	0.57		5.57	6.23		mg/Kg	☼	102	75 - 125
Cadmium	0.31	J	5.57	5.56		mg/Kg	☼	94	75 - 125
Calcium	19000	F2	557	14800	4	mg/Kg	☼	-796	75 - 125
Chromium	15		55.7	74.2		mg/Kg	☼	106	75 - 125
Cobalt	8.7		55.7	62.0		mg/Kg	☼	96	75 - 125
Copper	20		55.7	73.9		mg/Kg	☼	96	75 - 125
Iron	23000		557	24300	4	mg/Kg	☼	247	75 - 125
Lead	14		5.57	20.4		mg/Kg	☼	116	75 - 125
Magnesium	5300		557	6660	4	mg/Kg	☼	237	75 - 125
Manganese	480		55.7	549	4	mg/Kg	☼	115	75 - 125
Nickel	21		55.7	74.4		mg/Kg	☼	97	75 - 125
Potassium	1600	F1	557	4150	F1	mg/Kg	☼	462	75 - 125
Selenium	ND		11.1	10.0		mg/Kg	☼	90	75 - 125
Silver	ND		5.57	5.62		mg/Kg	☼	101	75 - 125
Sodium	88	J	557	663		mg/Kg	☼	103	75 - 125
Thallium	ND		11.1	10.8		mg/Kg	☼	97	75 - 125
Zinc	72		55.7	129		mg/Kg	☼	103	75 - 125
Vanadium	18		55.7	82.3		mg/Kg	☼	115	75 - 125

Lab Sample ID: 180-202357-10 MSD
Client Sample ID: SSHS-IRM5A2-SCV146-0-0.17
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779175
Prep Batch: 778249

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	11.4	6.85	F1	mg/Kg	☼	60	75 - 125	9	20
Aluminum	13000		568	19600	4	mg/Kg	☼	1147	75 - 125	4	20
Arsenic	6.5		56.8	61.9		mg/Kg	☼	98	75 - 125	3	20
Barium	94	F1	56.8	181	F1	mg/Kg	☼	152	75 - 125	3	20
Beryllium	0.57		5.68	6.32		mg/Kg	☼	101	75 - 125	1	20
Cadmium	0.31	J	5.68	5.67		mg/Kg	☼	94	75 - 125	2	20
Calcium	19000	F2	568	18400	4 F2	mg/Kg	☼	-152	75 - 125	21	20

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-202357-10 MSD
Matrix: Solid
Analysis Batch: 779175

Client Sample ID: SSHS-IRM5A2-SCV146-0-0.17
Prep Type: Total/NA
Prep Batch: 778249

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	15		56.8	74.5		mg/Kg	☼	104	75 - 125	0	20
Cobalt	8.7		56.8	63.5		mg/Kg	☼	97	75 - 125	2	20
Copper	20		56.8	77.6		mg/Kg	☼	101	75 - 125	5	20
Iron	23000		568	24000	4	mg/Kg	☼	195	75 - 125	1	20
Lead	14		5.68	20.4		mg/Kg	☼	114	75 - 125	0	20
Magnesium	5300		568	7070	4	mg/Kg	☼	305	75 - 125	6	20
Manganese	480		56.8	572	4	mg/Kg	☼	154	75 - 125	4	20
Nickel	21		56.8	75.8		mg/Kg	☼	97	75 - 125	2	20
Potassium	1600	F1	568	3950	F1	mg/Kg	☼	417	75 - 125	5	20
Selenium	ND		11.4	10.6		mg/Kg	☼	93	75 - 125	5	20
Silver	ND		5.68	5.75		mg/Kg	☼	101	75 - 125	2	20
Sodium	88	J	568	667		mg/Kg	☼	102	75 - 125	1	20
Thallium	ND		11.4	11.5		mg/Kg	☼	101	75 - 125	7	20
Zinc	72		56.8	130		mg/Kg	☼	104	75 - 125	1	20
Vanadium	18		56.8	82.7		mg/Kg	☼	113	75 - 125	0	20

Lab Sample ID: 180-202357-10 DU
Matrix: Solid
Analysis Batch: 779175

Client Sample ID: SSHS-IRM5A2-SCV146-0-0.17
Prep Type: Total/NA
Prep Batch: 778249

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	ND	F1	ND		mg/Kg	☼	NC	20
Aluminum	13000		12000		mg/Kg	☼	8	20
Arsenic	6.5		6.39		mg/Kg	☼	1	20
Barium	94	F1	82.0		mg/Kg	☼	14	20
Beryllium	0.57		0.536	J	mg/Kg	☼	6	20
Cadmium	0.31	J	0.259	J	mg/Kg	☼	18	20
Calcium	19000	F2	14400	F3	mg/Kg	☼	29	20
Chromium	15		15.1		mg/Kg	☼	1	20
Cobalt	8.7		8.61		mg/Kg	☼	0.7	20
Copper	20		21.0		mg/Kg	☼	3	20
Iron	23000		22400		mg/Kg	☼	2	20
Lead	14		14.1		mg/Kg	☼	2	20
Magnesium	5300		5160		mg/Kg	☼	3	20
Manganese	480		432		mg/Kg	☼	11	20
Nickel	21		20.4		mg/Kg	☼	0.3	20
Potassium	1600	F1	1400		mg/Kg	☼	12	20
Selenium	ND		ND		mg/Kg	☼	NC	20
Silver	ND		ND		mg/Kg	☼	NC	20
Sodium	88	J	63.8	J F5	mg/Kg	☼	32	20
Thallium	ND		ND		mg/Kg	☼	NC	20
Zinc	72		70.8		mg/Kg	☼	1	20
Vanadium	18		17.0		mg/Kg	☼	9	20

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-778104/1-A
Matrix: Solid
Analysis Batch: 779163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778104

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/06/26 14:17	03/06/26 18:48	1

Lab Sample ID: LCS 410-778104/2-A
Matrix: Solid
Analysis Batch: 779163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778104

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.155		mg/Kg		93	80 - 120

Lab Sample ID: MB 410-778114/1-A
Matrix: Solid
Analysis Batch: 778774

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778114

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/05/26 12:30	03/06/26 07:25	1

Lab Sample ID: LCS 410-778114/2-A
Matrix: Solid
Analysis Batch: 778774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.165		mg/Kg		99	80 - 120

Lab Sample ID: 180-202357-6 MS
Matrix: Solid
Analysis Batch: 778774

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 778114

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.036	J	0.180	0.202		mg/Kg	☼	92	80 - 120

Lab Sample ID: 180-202357-6 MSD
Matrix: Solid
Analysis Batch: 778774

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 778114

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.036	J	0.188	0.229		mg/Kg	☼	102	80 - 120	12	20

Lab Sample ID: 180-202357-6 DU
Matrix: Solid
Analysis Batch: 778774

Client Sample ID: SSHS-IRM5A2-SCV148-0.17-1
Prep Type: Total/NA
Prep Batch: 778114

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.036	J	0.0373	J	mg/Kg	☼	4	20

Lab Sample ID: MB 410-779061/1-A
Matrix: Solid
Analysis Batch: 780087

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/09/26 10:45	03/09/26 19:07	1

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: LCS 410-779061/2-A
Matrix: Solid
Analysis Batch: 780087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779061

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.167	0.172		mg/Kg		103	80 - 120		

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

GC/MS VOA

Prep Batch: 780744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-4	SSHS-IRM5A2-SCV149-0.5-1	Total/NA	Solid	5035	
180-202357-12	SSHS-IRM5A2-SCV146-0.5-1	Total/NA	Solid	5035	

Prep Batch: 781028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-4	SSHS-IRM5A2-SCV149-0.5-1	Total/NA	Solid	5035	
180-202357-7	SSHS-IRM5A2-SCV148-0.5-1	Total/NA	Solid	5035	
180-202357-12	SSHS-IRM5A2-SCV146-0.5-1	Total/NA	Solid	5035	
180-202357-15	SSHS-IRM5A2-SCV145-0.5-1	Total/NA	Solid	5035	
180-202357-18	SSHS-IRM5A2-SCV144-0.5-1	Total/NA	Solid	5035	

Analysis Batch: 781420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-4	SSHS-IRM5A2-SCV149-0.5-1	Total/NA	Solid	EPA 8260D	780744
180-202357-12	SSHS-IRM5A2-SCV146-0.5-1	Total/NA	Solid	EPA 8260D	780744
MB 410-781420/5	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-781420/6	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-781420/7	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

Analysis Batch: 781565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-7	SSHS-IRM5A2-SCV148-0.5-1	Total/NA	Solid	EPA 8260D	781028
180-202357-15	SSHS-IRM5A2-SCV145-0.5-1	Total/NA	Solid	EPA 8260D	781028
180-202357-18	SSHS-IRM5A2-SCV144-0.5-1	Total/NA	Solid	EPA 8260D	781028
MB 410-781565/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-781565/4	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-781565/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

Analysis Batch: 782285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-4	SSHS-IRM5A2-SCV149-0.5-1	Total/NA	Solid	EPA 8260D	781028
180-202357-12	SSHS-IRM5A2-SCV146-0.5-1	Total/NA	Solid	EPA 8260D	781028
MB 410-782285/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-782285/56	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-782285/57	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

GC/MS Semi VOA

Prep Batch: 510833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-1	SSHS-IRM5A2-SCV149-0-0.17	Total/NA	Solid	3541	
180-202357-2	SSHS-IRM5A2-SCV149-0.17-1	Total/NA	Solid	3541	
180-202357-3	SSHS-IRM5A2-SCV-DUP-12	Total/NA	Solid	3541	
180-202357-5	SSHS-IRM5A2-SCV148-0-0.17	Total/NA	Solid	3541	
180-202357-6	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	3541	
180-202357-8	SSHS-IRM5A2-SCV147-0-0.17	Total/NA	Solid	3541	
180-202357-9	SSHS-IRM5A2-SCV147-0.17-1	Total/NA	Solid	3541	
180-202357-10	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	3541	
180-202357-11	SSHS-IRM5A2-SCV146-0.17-1	Total/NA	Solid	3541	
180-202357-13	SSHS-IRM5A2-SCV145-0-0.17	Total/NA	Solid	3541	
180-202357-14	SSHS-IRM5A2-SCV145-0.17-1	Total/NA	Solid	3541	

GC/MS Semi VOA (Continued)

Prep Batch: 510833 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-16	SSHS-IRM5A2-SCV144-0-0.17	Total/NA	Solid	3541	
180-202357-17	SSHS-IRM5A2-SCV144-0.17-1	Total/NA	Solid	3541	
180-202357-19	SSHS-IRM5A2-SCV143-0-0.17	Total/NA	Solid	3541	
180-202357-20	SSHS-IRM5A2-SCV143-0.17-1	Total/NA	Solid	3541	
MB 180-510833/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510833/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202357-6 MS	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	3541	
180-202357-6 MSD	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	3541	

Analysis Batch: 510864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-1	SSHS-IRM5A2-SCV149-0-0.17	Total/NA	Solid	EPA 8270E	510833
180-202357-2	SSHS-IRM5A2-SCV149-0.17-1	Total/NA	Solid	EPA 8270E	510833
180-202357-3	SSHS-IRM5A2-SCV-DUP-12	Total/NA	Solid	EPA 8270E	510833
180-202357-5	SSHS-IRM5A2-SCV148-0-0.17	Total/NA	Solid	EPA 8270E	510833
180-202357-6	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 8270E	510833
180-202357-8	SSHS-IRM5A2-SCV147-0-0.17	Total/NA	Solid	EPA 8270E	510833
180-202357-9	SSHS-IRM5A2-SCV147-0.17-1	Total/NA	Solid	EPA 8270E	510833
180-202357-10	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	EPA 8270E	510833
180-202357-13	SSHS-IRM5A2-SCV145-0-0.17	Total/NA	Solid	EPA 8270E	510833
180-202357-14	SSHS-IRM5A2-SCV145-0.17-1	Total/NA	Solid	EPA 8270E	510833
180-202357-16	SSHS-IRM5A2-SCV144-0-0.17	Total/NA	Solid	EPA 8270E	510833
180-202357-17	SSHS-IRM5A2-SCV144-0.17-1	Total/NA	Solid	EPA 8270E	510833
180-202357-19	SSHS-IRM5A2-SCV143-0-0.17	Total/NA	Solid	EPA 8270E	510833
180-202357-20	SSHS-IRM5A2-SCV143-0.17-1	Total/NA	Solid	EPA 8270E	510833
MB 180-510833/1-A	Method Blank	Total/NA	Solid	EPA 8270E	510833
LCS 180-510833/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	510833
180-202357-6 MS	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 8270E	510833
180-202357-6 MSD	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 8270E	510833

Analysis Batch: 510979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-11	SSHS-IRM5A2-SCV146-0.17-1	Total/NA	Solid	EPA 8270E	510833

GC Semi VOA

Prep Batch: 510835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-1	SSHS-IRM5A2-SCV149-0-0.17	Total/NA	Solid	3541	
180-202357-2	SSHS-IRM5A2-SCV149-0.17-1	Total/NA	Solid	3541	
180-202357-3	SSHS-IRM5A2-SCV-DUP-12	Total/NA	Solid	3541	
180-202357-5	SSHS-IRM5A2-SCV148-0-0.17	Total/NA	Solid	3541	
180-202357-6	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	3541	
180-202357-8	SSHS-IRM5A2-SCV147-0-0.17	Total/NA	Solid	3541	
180-202357-9	SSHS-IRM5A2-SCV147-0.17-1	Total/NA	Solid	3541	
180-202357-10	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	3541	
180-202357-11	SSHS-IRM5A2-SCV146-0.17-1	Total/NA	Solid	3541	
180-202357-13	SSHS-IRM5A2-SCV145-0-0.17	Total/NA	Solid	3541	
180-202357-14	SSHS-IRM5A2-SCV145-0.17-1	Total/NA	Solid	3541	
180-202357-16	SSHS-IRM5A2-SCV144-0-0.17	Total/NA	Solid	3541	
180-202357-17	SSHS-IRM5A2-SCV144-0.17-1	Total/NA	Solid	3541	

GC Semi VOA (Continued)

Prep Batch: 510835 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-19	SSHS-IRM5A2-SCV143-0-0.17	Total/NA	Solid	3541	
180-202357-20	SSHS-IRM5A2-SCV143-0.17-1	Total/NA	Solid	3541	
MB 180-510835/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510835/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202357-6 MS	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	3541	
180-202357-6 MSD	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	3541	

Analysis Batch: 510855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-1	SSHS-IRM5A2-SCV149-0-0.17	Total/NA	Solid	EPA 8082A	510835
180-202357-2	SSHS-IRM5A2-SCV149-0.17-1	Total/NA	Solid	EPA 8082A	510835
180-202357-3	SSHS-IRM5A2-SCV-DUP-12	Total/NA	Solid	EPA 8082A	510835
180-202357-5	SSHS-IRM5A2-SCV148-0-0.17	Total/NA	Solid	EPA 8082A	510835
180-202357-6	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 8082A	510835
180-202357-8	SSHS-IRM5A2-SCV147-0-0.17	Total/NA	Solid	EPA 8082A	510835
180-202357-9	SSHS-IRM5A2-SCV147-0.17-1	Total/NA	Solid	EPA 8082A	510835
180-202357-10	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	EPA 8082A	510835
180-202357-11	SSHS-IRM5A2-SCV146-0.17-1	Total/NA	Solid	EPA 8082A	510835
180-202357-13	SSHS-IRM5A2-SCV145-0-0.17	Total/NA	Solid	EPA 8082A	510835
180-202357-14	SSHS-IRM5A2-SCV145-0.17-1	Total/NA	Solid	EPA 8082A	510835
180-202357-16	SSHS-IRM5A2-SCV144-0-0.17	Total/NA	Solid	EPA 8082A	510835
180-202357-17	SSHS-IRM5A2-SCV144-0.17-1	Total/NA	Solid	EPA 8082A	510835
180-202357-19	SSHS-IRM5A2-SCV143-0-0.17	Total/NA	Solid	EPA 8082A	510835
180-202357-20	SSHS-IRM5A2-SCV143-0.17-1	Total/NA	Solid	EPA 8082A	510835
MB 180-510835/1-A	Method Blank	Total/NA	Solid	EPA 8082A	510835
LCS 180-510835/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	510835
180-202357-6 MS	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 8082A	510835
180-202357-6 MSD	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 8082A	510835

LCMS

Prep Batch: 778237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-1	SSHS-IRM5A2-SCV149-0-0.17	Total/NA	Solid	1633A	
180-202357-6	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	1633A	
180-202357-13	SSHS-IRM5A2-SCV145-0-0.17	Total/NA	Solid	1633A	
180-202357-17	SSHS-IRM5A2-SCV144-0.17-1	Total/NA	Solid	1633A	
MB 410-778237/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-778237/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-778237/3-A	Lab Control Sample	Total/NA	Solid	1633A	
180-202357-6 MS	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	1633A	
180-202357-6 MSD	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	1633A	

Analysis Batch: 779664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-778237/1-A	Method Blank	Total/NA	Solid	1633A	778237
LCS 410-778237/2-A	Lab Control Sample	Total/NA	Solid	1633A	778237
LLCS 410-778237/3-A	Lab Control Sample	Total/NA	Solid	1633A	778237

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

LCMS

Analysis Batch: 780308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-1	SSHS-IRM5A2-SCV149-0-0.17	Total/NA	Solid	1633A	778237
180-202357-6	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	1633A	778237
180-202357-13	SSHS-IRM5A2-SCV145-0-0.17	Total/NA	Solid	1633A	778237
180-202357-17	SSHS-IRM5A2-SCV144-0.17-1	Total/NA	Solid	1633A	778237
180-202357-6 MS	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	1633A	778237
180-202357-6 MSD	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	1633A	778237

Metals

Prep Batch: 778039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-6	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	3050B	
MB 410-778039/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-778039/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-202357-6 MS	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	3050B	
180-202357-6 MSD	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	3050B	
180-202357-6 DU	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	3050B	

Prep Batch: 778104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-20	SSHS-IRM5A2-SCV143-0.17-1	Total/NA	Solid	7471B	
MB 410-778104/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-778104/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 778114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-3	SSHS-IRM5A2-SCV-DUP-12	Total/NA	Solid	7471B	
180-202357-5	SSHS-IRM5A2-SCV148-0-0.17	Total/NA	Solid	7471B	
180-202357-6	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	7471B	
180-202357-8	SSHS-IRM5A2-SCV147-0-0.17	Total/NA	Solid	7471B	
180-202357-10	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	7471B	
180-202357-11	SSHS-IRM5A2-SCV146-0.17-1	Total/NA	Solid	7471B	
180-202357-13	SSHS-IRM5A2-SCV145-0-0.17	Total/NA	Solid	7471B	
180-202357-14	SSHS-IRM5A2-SCV145-0.17-1	Total/NA	Solid	7471B	
180-202357-16	SSHS-IRM5A2-SCV144-0-0.17	Total/NA	Solid	7471B	
180-202357-19	SSHS-IRM5A2-SCV143-0-0.17	Total/NA	Solid	7471B	
MB 410-778114/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-778114/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-202357-6 MS	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	7471B	
180-202357-6 MSD	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	7471B	
180-202357-6 DU	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	7471B	

Prep Batch: 778249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-1	SSHS-IRM5A2-SCV149-0-0.17	Total/NA	Solid	3050B	
180-202357-2	SSHS-IRM5A2-SCV149-0.17-1	Total/NA	Solid	3050B	
180-202357-3	SSHS-IRM5A2-SCV-DUP-12	Total/NA	Solid	3050B	
180-202357-5	SSHS-IRM5A2-SCV148-0-0.17	Total/NA	Solid	3050B	
180-202357-8	SSHS-IRM5A2-SCV147-0-0.17	Total/NA	Solid	3050B	
180-202357-9	SSHS-IRM5A2-SCV147-0.17-1	Total/NA	Solid	3050B	
180-202357-10	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 778249 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-11	SSHS-IRM5A2-SCV146-0.17-1	Total/NA	Solid	3050B	
180-202357-13	SSHS-IRM5A2-SCV145-0-0.17	Total/NA	Solid	3050B	
180-202357-14	SSHS-IRM5A2-SCV145-0.17-1	Total/NA	Solid	3050B	
180-202357-16	SSHS-IRM5A2-SCV144-0-0.17	Total/NA	Solid	3050B	
180-202357-17	SSHS-IRM5A2-SCV144-0.17-1	Total/NA	Solid	3050B	
180-202357-19	SSHS-IRM5A2-SCV143-0-0.17	Total/NA	Solid	3050B	
180-202357-20	SSHS-IRM5A2-SCV143-0.17-1	Total/NA	Solid	3050B	
MB 410-778249/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-778249/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-202357-10 MS	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	3050B	
180-202357-10 MSD	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	3050B	
180-202357-10 DU	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	3050B	

Analysis Batch: 778500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-6	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 6010D	778039
MB 410-778039/1-A	Method Blank	Total/NA	Solid	EPA 6010D	778039
LCS 410-778039/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778039
180-202357-6 MS	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 6010D	778039
180-202357-6 MSD	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 6010D	778039
180-202357-6 DU	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 6010D	778039

Analysis Batch: 778774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-3	SSHS-IRM5A2-SCV-DUP-12	Total/NA	Solid	EPA 7471B	778114
180-202357-5	SSHS-IRM5A2-SCV148-0-0.17	Total/NA	Solid	EPA 7471B	778114
180-202357-6	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 7471B	778114
180-202357-8	SSHS-IRM5A2-SCV147-0-0.17	Total/NA	Solid	EPA 7471B	778114
180-202357-10	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	EPA 7471B	778114
180-202357-11	SSHS-IRM5A2-SCV146-0.17-1	Total/NA	Solid	EPA 7471B	778114
180-202357-13	SSHS-IRM5A2-SCV145-0-0.17	Total/NA	Solid	EPA 7471B	778114
180-202357-14	SSHS-IRM5A2-SCV145-0.17-1	Total/NA	Solid	EPA 7471B	778114
180-202357-16	SSHS-IRM5A2-SCV144-0-0.17	Total/NA	Solid	EPA 7471B	778114
180-202357-19	SSHS-IRM5A2-SCV143-0-0.17	Total/NA	Solid	EPA 7471B	778114
MB 410-778114/1-A	Method Blank	Total/NA	Solid	EPA 7471B	778114
LCS 410-778114/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	778114
180-202357-6 MS	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 7471B	778114
180-202357-6 MSD	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 7471B	778114
180-202357-6 DU	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	EPA 7471B	778114

Prep Batch: 779061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-1	SSHS-IRM5A2-SCV149-0-0.17	Total/NA	Solid	7471B	
180-202357-2	SSHS-IRM5A2-SCV149-0.17-1	Total/NA	Solid	7471B	
180-202357-9	SSHS-IRM5A2-SCV147-0.17-1	Total/NA	Solid	7471B	
180-202357-17	SSHS-IRM5A2-SCV144-0.17-1	Total/NA	Solid	7471B	
MB 410-779061/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-779061/2-A	Lab Control Sample	Total/NA	Solid	7471B	

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202357-1
Project/Site: Former Sperry Remington - NAF SCV

Metals

Analysis Batch: 779163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-20	SSHS-IRM5A2-SCV143-0.17-1	Total/NA	Solid	EPA 7471B	778104
MB 410-778104/1-A	Method Blank	Total/NA	Solid	EPA 7471B	778104
LCS 410-778104/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	778104

Analysis Batch: 779175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-1	SSHS-IRM5A2-SCV149-0-0.17	Total/NA	Solid	EPA 6010D	778249
180-202357-2	SSHS-IRM5A2-SCV149-0.17-1	Total/NA	Solid	EPA 6010D	778249
180-202357-3	SSHS-IRM5A2-SCV-DUP-12	Total/NA	Solid	EPA 6010D	778249
180-202357-5	SSHS-IRM5A2-SCV148-0-0.17	Total/NA	Solid	EPA 6010D	778249
180-202357-8	SSHS-IRM5A2-SCV147-0-0.17	Total/NA	Solid	EPA 6010D	778249
180-202357-9	SSHS-IRM5A2-SCV147-0.17-1	Total/NA	Solid	EPA 6010D	778249
180-202357-10	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	EPA 6010D	778249
180-202357-11	SSHS-IRM5A2-SCV146-0.17-1	Total/NA	Solid	EPA 6010D	778249
180-202357-13	SSHS-IRM5A2-SCV145-0-0.17	Total/NA	Solid	EPA 6010D	778249
180-202357-14	SSHS-IRM5A2-SCV145-0.17-1	Total/NA	Solid	EPA 6010D	778249
180-202357-16	SSHS-IRM5A2-SCV144-0-0.17	Total/NA	Solid	EPA 6010D	778249
180-202357-17	SSHS-IRM5A2-SCV144-0.17-1	Total/NA	Solid	EPA 6010D	778249
180-202357-19	SSHS-IRM5A2-SCV143-0-0.17	Total/NA	Solid	EPA 6010D	778249
180-202357-20	SSHS-IRM5A2-SCV143-0.17-1	Total/NA	Solid	EPA 6010D	778249
MB 410-778249/1-A	Method Blank	Total/NA	Solid	EPA 6010D	778249
LCS 410-778249/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778249
180-202357-10 MS	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	EPA 6010D	778249
180-202357-10 MSD	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	EPA 6010D	778249
180-202357-10 DU	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	EPA 6010D	778249

Analysis Batch: 780087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-1	SSHS-IRM5A2-SCV149-0-0.17	Total/NA	Solid	EPA 7471B	779061
180-202357-2	SSHS-IRM5A2-SCV149-0.17-1	Total/NA	Solid	EPA 7471B	779061
180-202357-9	SSHS-IRM5A2-SCV147-0.17-1	Total/NA	Solid	EPA 7471B	779061
180-202357-17	SSHS-IRM5A2-SCV144-0.17-1	Total/NA	Solid	EPA 7471B	779061
MB 410-779061/1-A	Method Blank	Total/NA	Solid	EPA 7471B	779061
LCS 410-779061/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	779061

General Chemistry

Analysis Batch: 777840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-1	SSHS-IRM5A2-SCV149-0-0.17	Total/NA	Solid	Moisture	
180-202357-2	SSHS-IRM5A2-SCV149-0.17-1	Total/NA	Solid	Moisture	
180-202357-3	SSHS-IRM5A2-SCV-DUP-12	Total/NA	Solid	Moisture	
180-202357-4	SSHS-IRM5A2-SCV149-0.5-1	Total/NA	Solid	Moisture	
180-202357-6	SSHS-IRM5A2-SCV148-0.17-1	Total/NA	Solid	Moisture	
180-202357-7	SSHS-IRM5A2-SCV148-0.5-1	Total/NA	Solid	Moisture	
180-202357-8	SSHS-IRM5A2-SCV147-0-0.17	Total/NA	Solid	Moisture	
180-202357-9	SSHS-IRM5A2-SCV147-0.17-1	Total/NA	Solid	Moisture	
180-202357-10	SSHS-IRM5A2-SCV146-0-0.17	Total/NA	Solid	Moisture	
180-202357-11	SSHS-IRM5A2-SCV146-0.17-1	Total/NA	Solid	Moisture	
180-202357-12	SSHS-IRM5A2-SCV146-0.5-1	Total/NA	Solid	Moisture	
180-202357-13	SSHS-IRM5A2-SCV145-0-0.17	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 777840 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-14	SSHS-IRM5A2-SCV145-0.17-1	Total/NA	Solid	Moisture	
180-202357-15	SSHS-IRM5A2-SCV145-0.5-1	Total/NA	Solid	Moisture	
180-202357-16	SSHS-IRM5A2-SCV144-0-0.17	Total/NA	Solid	Moisture	
180-202357-17	SSHS-IRM5A2-SCV144-0.17-1	Total/NA	Solid	Moisture	
180-202357-18	SSHS-IRM5A2-SCV144-0.5-1	Total/NA	Solid	Moisture	
180-202357-19	SSHS-IRM5A2-SCV143-0-0.17	Total/NA	Solid	Moisture	
180-202357-20	SSHS-IRM5A2-SCV143-0.17-1	Total/NA	Solid	Moisture	

Analysis Batch: 778519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202357-5	SSHS-IRM5A2-SCV148-0-0.17	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC1

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: Geosyntec Consultants, Inc.	Due Date Requested:			
City: Minneapolis	TAT Requested (days): Standard			
State, Zip: MN, 55401				
Phone: 920-676-4194	PO #: 26008081-17847			
Email	WO #:			
Project Name: Former Sperry Remington	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS									Total Number of containers	Special Instructions/Note:
			Preservation Code.				N	N	N	N	N										
SSHS-IRM5A2-SCV149-0-0.17	3/2/26	900	C	S	N	N		X	X	X	X									3	
SSHS-IRM5A2-SCV149-0.17-1	3/2/26	905	C	S	N	N		X	X	X										2	
SSHS-IRM5A2-SCV-DUP-12	3/2/26	--	C	S	N	N		X	X	X										2	
SSHS-IRM5A2-SCV149-0.5-1	3/2/26	905	C	S	N	N	X													4	
SSHS-IRM5A2-SCV148-0-0.17	3/2/26	930	C	S	N	N		X	X	X										2	
SSHS-IRM5A2-SCV148-0.17-1	3/2/26	935	C	S	N	Y		X	X	X	X									6	
SSHS-IRM5A2-SCV148-0.5-1	3/2/26	935	C	S	N	N	X													4	
SSHS-IRM5A2-SCV147-0-0.17	3/2/26	945	C	S	N	N		X	X	X										2	
SSHS-IRM5A2-SCV147-0.17-1	3/2/26	950	C	S	N	N		X	X	X										2	
SSHS-IRM5A2-SCV146-0-0.17	3/2/26	1000	C	S	N	N		X	X	X										2	
SSHS-IRM5A2-SCV146-0.17-1	3/2/26	1005	C	S	N	N		X	X	X										2	
SSHS-IRM5A2-SCV146-0.5-1	3/2/26	1005	C	S	N	N	X													4	

180-202357 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:
Relinquished by:	Date/Time: 3-2-26 1700	Company: Geosyntec	Received by: Shelly Walters
Relinquished by:	Date/Time: 3/4/26 10:13	Company: EPI-HWE	
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:
	Date/Time	Company	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

3/18/2026

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC1

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: Geosyntec Consultants, Inc.	Due Date Requested:
City: Minneapolis	TAT Requested (days): Standard
State, Zip: MN, 55401	
Phone: 920-676-4194	PO #: 26008081-17847
Email	WO #:
Project Name: Former Sperry Remington	Project #: 18013464
Site	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code				N	N	N	N	N								
SSHS-IRM5A2-SCV145-0-0.17	3/2/26	1010	C	S	N	N		X	X	X	X							3	
SSHS-IRM5A2-SCV145-0 17-1	3/2/26	1015	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV145-0.5-1	3/2/26	1015	C	S	N	N	X											4	
SSHS-IRM5A2-SCV144-0-0.17	3/2/26	1020	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV144-0.17-1	3/2/26	1025	C	S	N	N		X	X	X	X							3	
SSHS-IRM5A2-SCV144-0.5-1	3/2/26	1025	C	S	N	N	X											4	
SSHS-IRM5A2-SCV143-0-0.17	3/2/26	1030	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV143-0.17-1	3/2/26	1035	C	S	N	N		X	X	X								2	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:
Relinquished by: [signature]	Date/Time: 3-2-26 1700	Company: Geosyntec	Received by: Shelly Watkins
Relinquished by	Date/Time	Company	Received by
Relinquished by	Date/Time	Company	Received by

Date/Time: 3/4/26 10:13 Company: EP. HNF

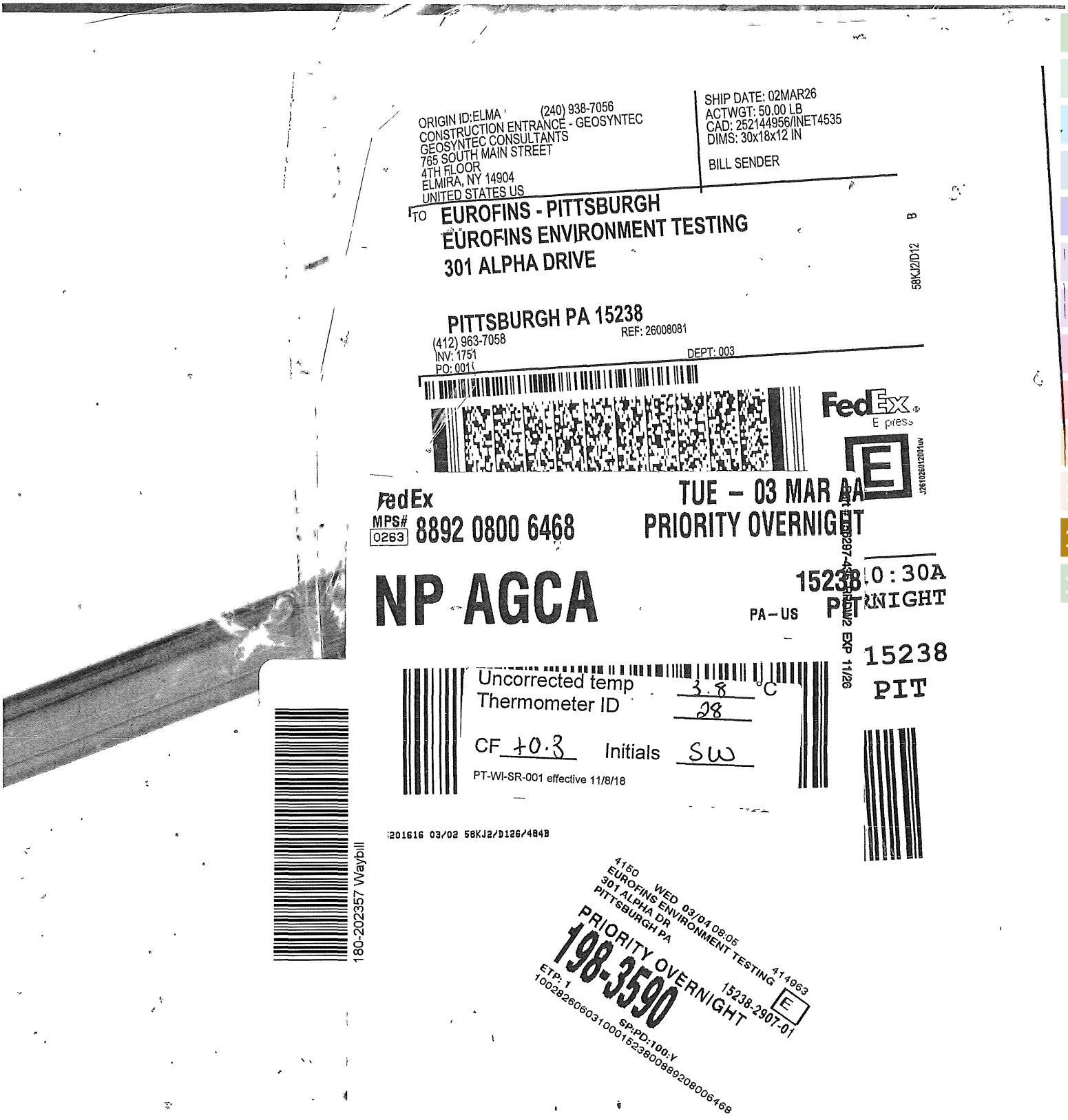
Date/Time: Company:

Date/Time Company

Custody Seals Intact: △ Yes △ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

3/18/2026


ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US
SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN
BILL SENDER
TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE
PITTSBURGH PA 15238
(412) 963-7058
REF: 26008081
INV: 1751
PO: 001
DEPT: 003
58KJ2/D12
FedEx Express
FedEx
MPS# 0263 8892 0800 6468
TUE - 03 MAR AA
PRIORITY OVERNIGHT
NP AGCA
15238
PA-US
PIT
0:30A
RNIGHT
15238
PIT
Uncorrected temp 3.8 C
Thermometer ID 28
CF +0.3 Initials SW
PT-WI-SR-001 effective 11/8/18
201616 03/02 58KJ2/D126/484B
180-202357 Waybill
WED 03/04 08:05
EUROFINS ENVIRONMENT TESTING
301 ALPHA DR
PITTSBURGH PA
PRIORITY OVERNIGHT
198-3590
15238-2907-01
SP:PD:100.Y
ETP: 1
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ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

59KJ2/D126/484B

FedEx Express

JS510260120014

2 of 6

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Mstr# 8892 0800 6424

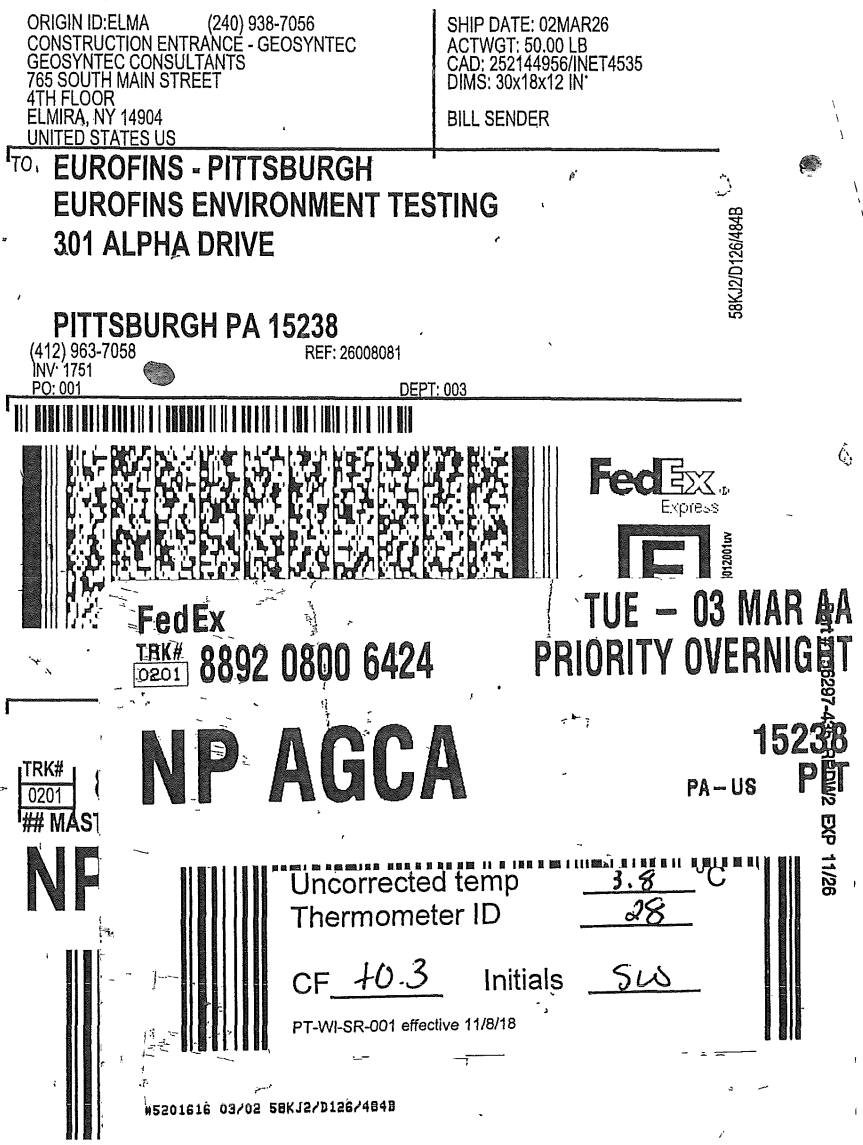
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PRIORITY OVERNIGHT

0201

NP AGCA

15238
PA-US PIT

Uncorrected temp 3.3 °C
Thermometer ID 28
CF +0.3 Initials SW
PT-WI-SR-001 effective 11/8/18


ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US
SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN
BILL SENDER
TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE
PITTSBURGH PA 15238
(412) 963-7058
REF: 26008081
INV: 1751
PO: 001
DEPT: 003
58KJ2/D126/484B
FedEx Express
FedEx
TRK# 0201 8892 0800 6424
TUE - 03 MAR AA
PRIORITY OVERNIGHT
NP AGCA
15238
PA - US
PT
TRK# 0201
Uncorrected temp 3.8 °C
Thermometer ID 28
CF 10.3 Initials SW
PT-WI-SR-001 effective 11/8/18
W5201616 03/02 58KJ2/D126/484B
EXP 11/26

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/4848

FedEx Express

J261026120010av

TUE - 03 MAR 10:30A
TUE - 03 MAR AA
PRIORITY OVERNIGHT

FedEx
MPS# 0263 8892 0800 6446

238
15238
PA-US

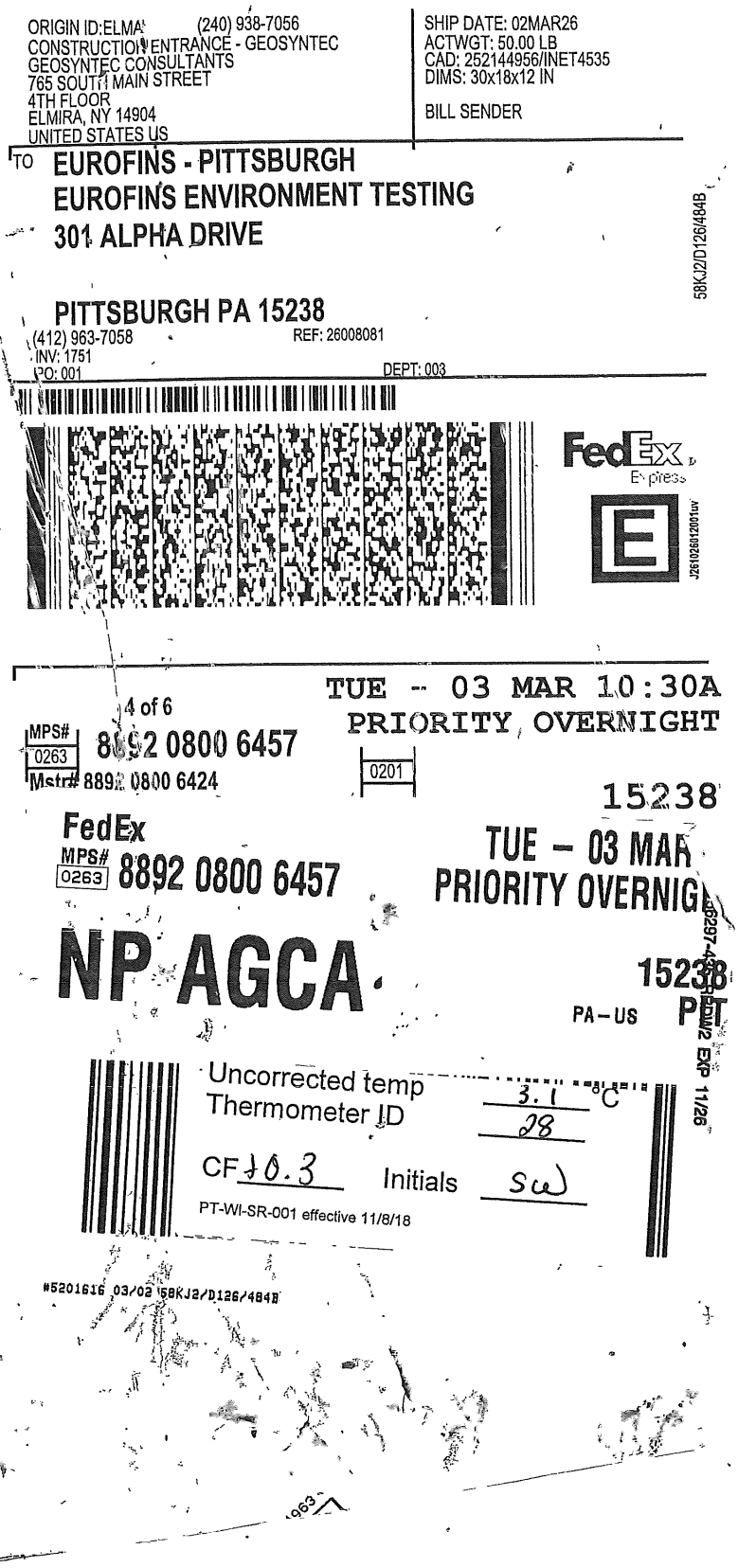
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EXP 11/26

Uncorrected temp 2.8 °C
Thermometer ID 28
CF +0.3 Initials SW

PT-WI-SR-001 effective 11/8/18

M5201616 03/02 58KJ2/D126/4848



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

J261026012001sr

TUE - 03 MAR 10:30A
PRIORITY OVERNIGHT

4 of 6
MPS# 8892 0800 6457
0263
Mstr# 8892 0800 6424

0201

15238

FedEx
MPS# 8892 0800 6457
0263

TUE - 03 MAR
PRIORITY OVERNIGHT

NP AGCA

15238
PA-US PIT

9297 4489 0952 EXP 11/26

Uncorrected temp 3.1 °C
Thermometer ID 28
CF +0.3 Initials SW
PT-WI-SR-001 effective 11/8/18

#5201616 03/02 58KJ2/D126/484B

963

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553757.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202357-1
Address: 2425 New Holland Pike,	Due Date Requested: 3/17/2026			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	MoisturePercent Moisture	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	PRE_SCREEN	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SSHS-IRM5A2-SCV149-0-0.17 (180-202357-1)	3/2/26	09:00 Eastern	G	Solid			X	X	X	X				2	Terracon Temp
SSHS-IRM5A2-SCV149-0.17-1 (180-202357-2)	3/2/26	09:05 Eastern	G	Solid			X	X		X				1	-7.6 CF+0.7
SSHS-IRM5A2-SCV-DUP-12 (180-202357-3)	3/2/26	Eastern	G	Solid			X	X		X				1	-6.9 CF
SSHS-IRM5A2-SCV149-0.5-1 (180-202357-4)	3/2/26	09:05 Eastern	G	Solid						X	X	X	X	4	
SSHS-IRM5A2-SCV148-0-0.17 (180-202357-5)	3/2/26	09:30 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV148-0.17-1 (180-202357-6)	3/2/26	09:35 Eastern	G	Solid			X	X	X	X				2	
SSHS-IRM5A2-SCV148-0.17-1 (180-202357-6MS)	3/2/26	09:35 Eastern	G	Solid			X	X	X	X				2	
SSHS-IRM5A2-SCV148-0.17-1 (180-202357-6MSD)	3/2/26	09:35 Eastern	G	Solid			X	X	X	X				2	
SSHS-IRM5A2-SCV148-0.5-1 (180-202357-7)	3/2/26	09:35 Eastern	G	Solid						X	X	X	X	4	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: James T. Hinkelman	Date/Time: 3/4/26 14:00	Company: EA/HNP	Received by: MQA	Date/Time: 3.4.26 1400	Company: ELE
Relinquished by: MQA	Date/Time: 3.4.26 1815	Company: ELE	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/4/26 1815	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: -8.2 - 2.7 / -8.0 - 2.9

Ver: 10/10/2024

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553757.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202357-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/17/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	MoisturePercent Moisture	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	PRE_SCREEN	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SSHS-IRM5A2-SCV147-0-0.17 (180-202357-8)	3/2/26	09:45 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV147-0.17-1 (180-202357-9)	3/2/26	09:50 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV146-0-0.17 (180-202357-10)	3/2/26	10:00 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV146-0.17-1 (180-202357-11)	3/2/26	10:05 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV146-0.5-1 (180-202357-12)	3/2/26	10:05 Eastern	G	Solid						X	X	X	X	4	
SSHS-IRM5A2-SCV145-0-0.17 (180-202357-13)	3/2/26	10:10 Eastern	G	Solid			X	X	X	X				2	
SSHS-IRM5A2-SCV145-0-17.-1 (180-202357-14)	3/2/26	10:15 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV145-0.5-1 (180-202357-15)	3/2/26	10:15 Eastern	G	Solid						X	X	X	X	4	
SSHS-IRM5A2-SCV144-0-0.17 (180-202357-16)	3/2/26	10:20 Eastern	G	Solid			X	X		X				1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Finkelman	3/4/26 14:00	EHNE		3.4.26 1400	ELE
2		3.4.26 1815	ELE			
3					3/4/26 1815	ELE

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☑ Yes ☐ No		-8.2-2.7/-8.0-2.9

Ver: 10/10/2024

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553757.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 3 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202357-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/17/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	MoisturePercent Moisture	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	PRE_SCREEN	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SSHS-IRM5A2-SCV144-0.17-1 (180-202357-17)	3/2/26	10:25 Eastern	G	Solid			X	X	X	X				2	
SSHS-IRM5A2-SCV144-0.5-1 (180-202357-18)	3/2/26	10:25 Eastern	G	Solid						X	X	X	X	4	
SSHS-IRM5A2-SCV143-0-0.17 (180-202357-19)	3/2/26	10:30 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV143-0.17-1 (180-202357-20)	3/2/26	10:35 Eastern	G	Solid			X	X		X				1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: James J. Hinkelman	Date/Time: 3/4/26 14:00	Company: EPHWB	Received by: MA	Date/Time: 3.0.26 1400	Company: ELE
Relinquished by: MA	Date/Time: 3.0.26 1815	Company: ELE	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/4/26 1815	Company

Custody Seals Intact: ☑ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: -8.2-2.7/-8.0-2.9

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202357-1

Login Number: 202357
List Number: 1
Creator: Kovitch, Christina M

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202357-1

Login Number: 202357
List Number: 2
Creator: Martin, Elizabeth

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/04/26 10:09 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Miranda Stelmach
Geosyntec Consultants Inc
111 N. Broadway, Suite C
Green Bay, Wisconsin 54303

Generated 3/18/2026 7:02:53 PM

JOB DESCRIPTION

Former Sperry Remington - NAF SCV

JOB NUMBER

180-202362-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
Gail Lage, Senior Project Manager
Gail.Lage@et.eurofinsus.com
(615)301-5741

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Job Narrative
180-202362-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/4/2026 10:13 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.1°C, 3.4°C, 3.6°C, 4.1°C and 4.1°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method EPA 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 180-510843 and analytical batch 180-510864 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method EPA 8270E: The continuing calibration verification (CCV) analyzed in 180-510866 was outside the method criteria for the following analyte: Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method EPA 8270E: Surrogate recovery for the following samples were outside control limits high: SSHS-IRM5A2-SCV132-0.17-1 (180-202362-11) and SSHS-IRM5A2-SCV133-0-0.17 (180-202362-15). Evidence of matrix interferences is not obvious.

Method EPA 8270E: The continuing calibration verification (CCV) analyzed in 180-510979 was outside the method criteria for the following analyte: Caprolactam. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method EPA 8082A: The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: SSHS-IRM5A2-SCV141-0-0.17 (180-202362-1), SSHS-IRM5A2-SCV141-0.17-1 (180-202362-2), SSHS-IRM5A2-SCV141-0.17-1 (180-202362-2[MS]), SSHS-IRM5A2-SCV141-0.17-1 (180-202362-2[MSD]), SSHS-IRM5A2-SCV130-0-0.17 (180-202362-3), SSHS-IRM5A2-SCV130-0.17-1 (180-202362-4), SSHS-IRM5A2-SCV131-0-0.17 (180-202362-6), SSHS-IRM5A2-SCV131-0.17-1 (180-202362-7), SSHS-IRM5A2-SCV-DUP-09 (180-202362-8), SSHS-IRM5A2-SCV132-0.17-1 (180-202362-11), SSHS-IRM5A2-SCV-DUP-10 (180-202362-12), SSHS-IRM5A2-SCV133-0-0.17 (180-202362-15), SSHS-IRM5A2-DUP-04 (180-202362-16), SSHS-IRM5A2-SCV133-0.17-1 (180-202362-17), SSHS-IRM5A2-SCV134-0-0.17 (180-202362-18), SSHS-IRM5A2-SCV134-0.17-1 (180-202362-19), SSHS-IRM5A2-DUP-06 (180-202362-20), (LCS 180-510842/2-A) and (MB 180-510842/1-A).6215174

Method EPA 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SSHS-IRM5A2-SCV141-0-0.17 (180-202362-1), SSHS-IRM5A2-SCV141-0.17-1 (180-202362-2), SSHS-IRM5A2-SCV141-0.17-1 (180-202362-2[MS]), SSHS-IRM5A2-SCV141-0.17-1 (180-202362-2[MSD]), SSHS-IRM5A2-SCV130-0-0.17 (180-202362-3), SSHS-IRM5A2-SCV130-0.17-1 (180-202362-4), SSHS-IRM5A2-SCV131-0-0.17 (180-202362-6), SSHS-IRM5A2-SCV131-0.17-1 (180-202362-7), SSHS-IRM5A2-SCV-DUP-09 (180-202362-8), SSHS-IRM5A2-SCV132-0.17-1 (180-202362-11), SSHS-IRM5A2-SCV-DUP-10 (180-202362-12), SSHS-IRM5A2-SCV133-0-0.17 (180-202362-15), SSHS-

IRM5A2-DUP-04 (180-202362-16), SSHS-IRM5A2-SCV133-0.17-1 (180-202362-17), SSHS-IRM5A2-SCV134-0-0.17 (180-202362-18), SSHS-IRM5A2-SCV134-0.17-1 (180-202362-19), SSHS-IRM5A2-DUP-06 (180-202362-20), (LCS 180-510842/2-A) and (MB 180-510842/1-A).6648760
6513163

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PFAS
Method 1633A: The recovery for the labeled isotope(s) 13C2 4:2 FTS and 13C2 8:2 FTS in the following samples: SSHS-IRM5A2-SCV141-0-0.17 (180-202362-1), SSHS-IRM5A2-SCV134-0.17-1 (180-202362-19) and SSHS-IRM5A2-DUP-06 (180-202362-20) is outside the QC acceptance limits. Since the recovery is high and the native analyte is not detected in the sample, the data is reported.

Method 1633A: The recovery for the labeled isotope(s) 13C2 4:2 FTS in the following samples: SSHS-IRM5A2-SCV133-0-0.17 (180-202362-15) and SSHS-IRM5A2-DUP-04 (180-202362-16) is outside the QC acceptance limits. Since the recovery is high and the native analyte is not detected in the sample, the data is reported.

Method 1633A: The recovery for the labeled isotope 13C2 8:2 FTS is outside of the QC acceptance limits in the method blank associated with the following sample: SSHS-IRM5A2-SCV141-0-0.17 (180-202362-1), SSHS-IRM5A2-SCV133-0-0.17 (180-202362-15), SSHS-IRM5A2-DUP-04 (180-202362-16), SSHS-IRM5A2-SCV134-0.17-1 (180-202362-19) and SSHS-IRM5A2-DUP-06 (180-202362-20). Since the recoveries are biased high, no associated target analytes are detected in the method blank, the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Laboratory: Eurofins Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	03-31-26

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
EPA 8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington - NAF SCV

Job ID: 180-202362-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
180-202362-1	SSHS-IRM5A2-SCV141-0-0.17	Solid	03/02/26 12:55	03/04/26 10:13	New York
180-202362-2	SSHS-IRM5A2-SCV141-0.17-1	Solid	03/02/26 13:00	03/04/26 10:13	New York
180-202362-3	SSHS-IRM5A2-SCV130-0-0.17	Solid	03/02/26 13:10	03/04/26 10:13	New York
180-202362-4	SSHS-IRM5A2-SCV130-0.17-1	Solid	03/02/26 13:15	03/04/26 10:13	New York
180-202362-5	SSHS-IRM5A2-SCV130-0.5-1	Solid	03/02/26 13:15	03/04/26 10:13	New York
180-202362-6	SSHS-IRM5A2-SCV131-0-0.17	Solid	03/02/26 13:25	03/04/26 10:13	New York
180-202362-7	SSHS-IRM5A2-SCV131-0.17-1	Solid	03/02/26 13:30	03/04/26 10:13	New York
180-202362-8	SSHS-IRM5A2-SCV-DUP-09	Solid	03/02/26 00:00	03/04/26 10:13	New York
180-202362-9	SSHS-IRM5A2-SCV131-0.5-1	Solid	03/02/26 13:30	03/04/26 10:13	New York
180-202362-11	SSHS-IRM5A2-SCV132-0.17-1	Solid	03/02/26 13:55	03/04/26 10:13	New York
180-202362-12	SSHS-IRM5A2-SCV-DUP-10	Solid	03/02/26 00:00	03/04/26 10:13	New York
180-202362-13	SSHS-IRM5A2-SCV132-0.5-1	Solid	03/02/26 13:55	03/04/26 10:13	New York
180-202362-14	SSHS-IRM5A2-DUP-13	Solid	03/02/26 00:00	03/04/26 10:13	New York
180-202362-15	SSHS-IRM5A2-SCV133-0-0.17	Solid	03/02/26 14:00	03/04/26 10:13	New York
180-202362-16	SSHS-IRM5A2-DUP-04	Solid	03/02/26 00:00	03/04/26 10:13	New York
180-202362-17	SSHS-IRM5A2-SCV133-0.17-1	Solid	03/02/26 14:05	03/04/26 10:13	New York
180-202362-18	SSHS-IRM5A2-SCV134-0-0.17	Solid	03/02/26 14:15	03/04/26 10:13	New York
180-202362-19	SSHS-IRM5A2-SCV134-0.17-1	Solid	03/02/26 14:20	03/04/26 10:13	New York
180-202362-20	SSHS-IRM5A2-DUP-06	Solid	03/02/26 00:00	03/04/26 10:13	New York

Method Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
EPA 6010D	Metals (ICP)	SW846	ELLE
EPA 7471B	Mercury (CVAA)	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	ELLE
3541	Automated Soxhlet Extraction	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV141-0-0.17
Lab Sample ID: 180-202362-1
Date Collected: 03/02/26 12:55
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV141-0-0.17
Lab Sample ID: 180-202362-1
Date Collected: 03/02/26 12:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.11 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 11:40	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.16 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 13:53	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	1633A			2.35 g	5 mL	778237	03/05/26 14:13	VDC4	ELLE
Total/NA	Analysis	1633A		1			780308	03/10/26 14:27	LDU5	ELLE
	Instrument ID: 30637									
Total/NA	Prep	3050B			0.55 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:19	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:08	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Lab Sample ID: 180-202362-2
Date Collected: 03/02/26 13:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Lab Sample ID: 180-202362-2
Date Collected: 03/02/26 13:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.21 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 10:35	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.12 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 13:00	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.50 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 10:37	WQOE	ELLE
	Instrument ID: T73 - 18255									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Lab Sample ID: 180-202362-2
Date Collected: 03/02/26 13:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.62 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 19:59	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV130-0-0.17
Lab Sample ID: 180-202362-3
Date Collected: 03/02/26 13:10
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV130-0-0.17
Lab Sample ID: 180-202362-3
Date Collected: 03/02/26 13:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.26 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 12:02	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.05 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 14:10	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.55 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:49	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:10	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV130-0.17-1
Lab Sample ID: 180-202362-4
Date Collected: 03/02/26 13:15
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV130-0.17-1
Lab Sample ID: 180-202362-4
Date Collected: 03/02/26 13:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.28 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 19:13	VVP	EET PIT
	Instrument ID: CH71									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV130-0.17-1
Lab Sample ID: 180-202362-4

Date Collected: 03/02/26 13:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.41 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 14:28	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.53 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:52	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.62 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:12	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV130-0.5-1
Lab Sample ID: 180-202362-5

Date Collected: 03/02/26 13:15
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV130-0.5-1
Lab Sample ID: 180-202362-5

Date Collected: 03/02/26 13:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.589 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	782285	03/13/26 16:37	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV131-0-0.17
Lab Sample ID: 180-202362-6

Date Collected: 03/02/26 13:25
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV131-0-0.17
Lab Sample ID: 180-202362-6

Date Collected: 03/02/26 13:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.30 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 19:35	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.35 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 14:46	JMO	EET PIT
	Instrument ID: CHGC20									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV131-0-0.17
Lab Sample ID: 180-202362-6
Date Collected: 03/02/26 13:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			0.51 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:46	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.62 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:14	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV131-0.17-1
Lab Sample ID: 180-202362-7
Date Collected: 03/02/26 13:30
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV131-0.17-1
Lab Sample ID: 180-202362-7
Date Collected: 03/02/26 13:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.34 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510864	03/05/26 19:56	VVP	EET PIT
	Instrument ID: CH71									
Total/NA	Prep	3541			15.12 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 15:03	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.51 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:43	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.65 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:16	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-09
Lab Sample ID: 180-202362-8
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-09
Lab Sample ID: 180-202362-8
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.39 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 19:27	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.08 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 15:21	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.50 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:28	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.63 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:22	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV131-0.5-1
Lab Sample ID: 180-202362-9
Date Collected: 03/02/26 13:30
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV131-0.5-1
Lab Sample ID: 180-202362-9
Date Collected: 03/02/26 13:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.126 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781565	03/12/26 16:54	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV132-0.17-1
Lab Sample ID: 180-202362-11
Date Collected: 03/02/26 13:55
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV132-0.17-1
Lab Sample ID: 180-202362-11
Date Collected: 03/02/26 13:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.31 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 19:49	VVP	EET PIT
	Instrument ID: CH731									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV132-0.17-1
Lab Sample ID: 180-202362-11

Date Collected: 03/02/26 13:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.33 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 15:38	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.51 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:31	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.62 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:23	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-10
Lab Sample ID: 180-202362-12

Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-10
Lab Sample ID: 180-202362-12

Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.10 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 20:11	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.18 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 15:56	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.55 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:25	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.63 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:25	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV132-0.5-1
Lab Sample ID: 180-202362-13

Date Collected: 03/02/26 13:55
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV132-0.5-1
Lab Sample ID: 180-202362-13
Date Collected: 03/02/26 13:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.171 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781565	03/12/26 17:18	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-DUP-13
Lab Sample ID: 180-202362-14
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-DUP-13
Lab Sample ID: 180-202362-14
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.941 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783114	03/15/26 21:38	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV133-0-0.17
Lab Sample ID: 180-202362-15
Date Collected: 03/02/26 14:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV133-0-0.17
Lab Sample ID: 180-202362-15
Date Collected: 03/02/26 14:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.34 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 20:34	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.05 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 16:13	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	1633A			2.47 g	5 mL	778237	03/05/26 14:13	VDC4	ELLE
Total/NA	Analysis	1633A		1			780308	03/10/26 14:40	LDU5	ELLE
	Instrument ID: 30637									
Total/NA	Prep	3050B			0.50 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:22	WQOE	ELLE
	Instrument ID: T73 - 18255									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV133-0-0.17
Lab Sample ID: 180-202362-15

Date Collected: 03/02/26 14:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.64 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:27	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-DUP-04
Lab Sample ID: 180-202362-16

Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-DUP-04
Lab Sample ID: 180-202362-16

Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.06 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 20:56	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.10 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 16:31	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	1633A			2.33 g	5 mL	778237	03/05/26 14:13	VDC4	ELLE
Total/NA	Analysis	1633A		1			780308	03/10/26 14:54	LDU5	ELLE
	Instrument ID: 30637									
Total/NA	Prep	3050B			0.55 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:16	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.62 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:29	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV133-0.17-1
Lab Sample ID: 180-202362-17

Date Collected: 03/02/26 14:05
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV133-0.17-1
Lab Sample ID: 180-202362-17

Date Collected: 03/02/26 14:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.47 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 16:54	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.21 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 16:49	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.51 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:10	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.62 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:31	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV134-0-0.17
Lab Sample ID: 180-202362-18

Date Collected: 03/02/26 14:15
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV134-0-0.17
Lab Sample ID: 180-202362-18

Date Collected: 03/02/26 14:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.48 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 17:16	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.47 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 17:06	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.50 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 10:55	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.65 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:33	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV134-0.17-1
Lab Sample ID: 180-202362-19

Date Collected: 03/02/26 14:20
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV134-0.17-1
Lab Sample ID: 180-202362-19
Date Collected: 03/02/26 14:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.31 g	5.0 mL	510843	03/04/26 14:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 17:37	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.05 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 17:24	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	1633A			2.36 g	5 mL	778237	03/05/26 14:13	VDC4	ELLE
Total/NA	Analysis	1633A		1			780308	03/10/26 15:07	LDU5	ELLE
	Instrument ID: 30637									
Total/NA	Prep	3050B			0.52 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:13	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.62 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:35	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-DUP-06
Lab Sample ID: 180-202362-20
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-DUP-06
Lab Sample ID: 180-202362-20
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.25 g	5.0 mL	510843	03/04/26 14:53	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 17:58	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.42 g	20.0 mL	510842	03/04/26 14:37	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 17:41	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	1633A			2.29 g	5 mL	778237	03/05/26 14:13	VDC4	ELLE
Total/NA	Analysis	1633A		1			780308	03/10/26 15:21	LDU5	ELLE
	Instrument ID: 30637									
Total/NA	Prep	3050B			0.50 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:07	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:37	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Analyst References:

Lab: EET PIT
- Batch Type: Prep
  - DVC = Daniel Capodanno
  - SAB = Sharon Bacha
- Batch Type: Analysis
  - JMO = John Oravec
  - VVP = Vincent Piccolino

Lab: ELLE
- Batch Type: Prep
  - PV7W = Trinity Breneman
  - RFN5 = Aniyah Oxendine
  - VDC4 = Alaina Christ
  - VT6A = Akram Girgis
- Batch Type: Analysis
  - F2QS = Hannah Levy
  - IJ3I = Elizabeth Brittingham
  - LDU5 = Sydney Drury
  - ULCP = Linda Pape
  - VGDO = Carlos Lebron-Marte
  - WQOE = Ryan O'Kane

Client Sample ID: SSHS-IRM5A2-SCV141-0-0.17
Lab Sample ID: 180-202362-1

Date Collected: 03/02/26 12:55
Matrix: Solid

Date Received: 03/04/26 10:13
Percent Solids: 85.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	22	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Acenaphthylene	ND		78	17	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Acetophenone	ND		780	140	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Anthracene	ND		78	20	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Atrazine	ND		780	170	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Benzaldehyde	ND		780	48	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Benzo[a]anthracene	ND		78	35	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Benzo[a]pyrene	ND		78	34	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Benzo[b]fluoranthene	**33**	**J**	78	19	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Benzo[g,h,i]perylene	ND		78	17	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Benzo[k]fluoranthene	ND		78	23	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Bis(2-chloroethyl)ether	ND		78	24	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Butyl benzyl phthalate	ND		1900	270	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Carbazole	ND		78	18	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Chrysene	ND		78	43	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Dibenz(a,h)anthracene	ND		78	50	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Dimethyl phthalate	ND		780	430	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Di-n-butyl phthalate	ND		3800	810	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Di-n-octyl phthalate	ND		380	230	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
1,4-Dioxane	ND		780	240	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Fluoranthene	**45**	**J**	78	20	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Fluorene	ND		78	15	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Indeno[1,2,3-cd]pyrene	ND		78	39	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Isophorone	ND		380	150	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2-Methylnaphthalene	ND		78	19	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1

Client Sample ID: SSHS-IRM5A2-SCV141-0-0.17
Lab Sample ID: 180-202362-1
Date Collected: 03/02/26 12:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Naphthalene	ND		78	15	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Nitrobenzene	ND		780	140	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Phenanthrene	ND		78	21	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Phenol	ND		380	120	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
Pyrene	**35**	**J**	78	27	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*44 - 105*	*03/04/26 14:52*	*03/05/26 11:40*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*03/04/26 14:52*	*03/05/26 11:40*	*1*
Nitrobenzene-d5 (Surr)	*64*		*46 - 105*	*03/04/26 14:52*	*03/05/26 11:40*	*1*
Phenol-d5 (Surr)	*67*		*46 - 105*	*03/04/26 14:52*	*03/05/26 11:40*	*1*
Terphenyl-d14 (Surr)	*74*		*39 - 105*	*03/04/26 14:52*	*03/05/26 11:40*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*34 - 108*	*03/04/26 14:52*	*03/05/26 11:40*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	03/04/26 14:37	03/05/26 13:53	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/04/26 14:37	03/05/26 13:53	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/04/26 14:37	03/05/26 13:53	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 14:37	03/05/26 13:53	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/04/26 14:37	03/05/26 13:53	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/04/26 14:37	03/05/26 13:53	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/04/26 14:37	03/05/26 13:53	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/04/26 14:37	03/05/26 13:53	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 14:37	03/05/26 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*26 - 142*	*03/04/26 14:37*	*03/05/26 13:53*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*	*03/04/26 14:37*	*03/05/26 13:53*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*17 - 144*	*03/04/26 14:37*	*03/05/26 13:53*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*17 - 144*	*03/04/26 14:37*	*03/05/26 13:53*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV141-0-0.17
Lab Sample ID: 180-202362-1
Date Collected: 03/02/26 12:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorooctanoic acid (PFOA)	**0.11**	**J**	0.20	0.060	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorooctanesulfonic acid (PFOS)	**0.31**		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1

Client Sample ID: SSHS-IRM5A2-SCV141-0-0.17
Lab Sample ID: 180-202362-1
Date Collected: 03/02/26 12:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g	☼	03/05/26 14:13	03/10/26 14:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*106*		*8 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C5-PFPeA	*103*		*35 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C5-PFHxA	*102*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C4-PFHpA	*107*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C8-PFOA	*105*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C9-PFNA	*94.4*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C6-PFDA	*109*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C7-PFUnA	*101*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C2 PFDoA	*85.5*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C2-PFTeDA	*72.3*		*20 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C3-PFBS	*102*		*40 - 135*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C3-PFHxS	*101*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C8-PFOS	*100*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C8-PFOSA	*87.2*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
d3-NMeFOSAA	*108*		*40 - 135*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
d5-NEtFOSAA	*108*		*40 - 150*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C2 4:2 FTS	*225*	*5+	*40 - 165*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C2 6:2 FTS	*136*		*40 - 215*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C2 8:2 FTS	*302*	*5+	*40 - 275*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
13C3-HFPO-DA	*102*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
D7-NMeFOSE	*56.2*		*20 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
D9-NEtFOSE	*49.4*		*15 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
d5-NEtPFOSA	*72.1*		*10 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*
d3-NMePFOSA	*77.9*		*10 - 130*	*03/05/26 14:13*	*03/10/26 14:27*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.3	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Aluminum	**11000**		32	9.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Arsenic	**5.8**		5.3	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Barium	**68**		0.53	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Beryllium	**0.49**	**J**	0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Cadmium	**0.14**	**J**	0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Calcium	**20000**		53	22	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Chromium	**16**		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Cobalt	**8.1**		0.53	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Copper	**27**		2.1	0.82	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Iron	**21000**		21	8.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Lead	**15**		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Magnesium	**5600**		21	4.3	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Manganese	**380**		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Nickel	**20**		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV141-0-0.17
Lab Sample ID: 180-202362-1
Date Collected: 03/02/26 12:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.5

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1400**		110	37	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Selenium	ND		5.3	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Silver	ND		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Sodium	**62**	**J**	110	43	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Zinc	**72**		2.1	0.85	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1
Vanadium	**16**		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 11:19	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.050**	**J**	0.069	0.023	mg/Kg	☼	03/06/26 14:17	03/06/26 20:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.5**		1.0	1.0	%			03/05/26 02:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Lab Sample ID: 180-202362-2
Date Collected: 03/02/26 13:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Acetophenone	ND		770	140	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Anthracene	**24**	**J**	77	20	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Atrazine	ND		770	170	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Benzaldehyde	ND	F1	770	47	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Benzo[a]anthracene	**130**		77	34	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Benzo[a]pyrene	**130**		77	33	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Benzo[b]fluoranthene	**190**		77	19	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Benzo[g,h,i]perylene	**100**		77	16	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Benzo[k]fluoranthene	**74**	**J**	77	23	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Carbazole	ND		77	18	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2-Chloronaphthalene	ND		77	17	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Chrysene	**160**		77	42	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2,4-Dichlorophenol	ND		77	29	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Dimethyl phthalate	ND		770	420	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Di-n-butyl phthalate	ND		3800	790	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
4,6-Dinitro-2-methylphenol	ND		1900	660	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Fluoranthene	**360**		77	20	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Fluorene	ND		77	15	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Hexachloroethane	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Indeno[1,2,3-cd]pyrene	**82**		77	38	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Isophorone	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Lab Sample ID: 180-202362-2
Date Collected: 03/02/26 13:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Naphthalene	ND		77	15	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
3-Nitroaniline	ND		1900	97	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Phenanthrene	**150**		77	20	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Phenol	ND		380	120	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
Pyrene	**250**		77	27	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 10:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*44 - 105*	*03/04/26 14:52*	*03/05/26 10:35*	*1*
2-Fluorophenol (Surr)	*74*		*48 - 105*	*03/04/26 14:52*	*03/05/26 10:35*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*03/04/26 14:52*	*03/05/26 10:35*	*1*
Phenol-d5 (Surr)	*73*		*46 - 105*	*03/04/26 14:52*	*03/05/26 10:35*	*1*
Terphenyl-d14 (Surr)	*80*		*39 - 105*	*03/04/26 14:52*	*03/05/26 10:35*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*34 - 108*	*03/04/26 14:52*	*03/05/26 10:35*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/04/26 14:37	03/05/26 13:00	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/04/26 14:37	03/05/26 13:00	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/04/26 14:37	03/05/26 13:00	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 14:37	03/05/26 13:00	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/04/26 14:37	03/05/26 13:00	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/04/26 14:37	03/05/26 13:00	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/04/26 14:37	03/05/26 13:00	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/04/26 14:37	03/05/26 13:00	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 14:37	03/05/26 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*77*		*26 - 142*	*03/04/26 14:37*	*03/05/26 13:00*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*26 - 142*	*03/04/26 14:37*	*03/05/26 13:00*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*17 - 144*	*03/04/26 14:37*	*03/05/26 13:00*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*17 - 144*	*03/04/26 14:37*	*03/05/26 13:00*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1	5.8	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Aluminum	**11000**		35	10	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Lab Sample ID: 180-202362-2
Date Collected: 03/02/26 13:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.5		5.8	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Barium	71		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Beryllium	0.51	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Cadmium	0.14	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Calcium	18000	F2	58	24	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Chromium	16		1.7	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Cobalt	8.5		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Copper	25		2.3	0.89	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Iron	22000		23	9.3	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Lead	18	F1	1.7	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Magnesium	5200		23	4.6	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Manganese	410	F2	1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Nickel	20		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Potassium	1400	F1	120	41	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Silver	ND		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Sodium	62	J	120	46	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Zinc	78	F1	2.3	0.93	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1
Vanadium	17		1.2	0.50	mg/Kg	☼	03/07/26 07:30	03/09/26 10:37	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043	J F1	0.067	0.022	mg/Kg	☼	03/06/26 14:17	03/06/26 19:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.8		1.0	1.0	%			03/05/26 02:45	1

Client Sample ID: SSHS-IRM5A2-SCV130-0-0.17
Lab Sample ID: 180-202362-3
Date Collected: 03/02/26 13:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Acetophenone	ND		770	140	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Anthracene	ND		77	20	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Atrazine	ND		770	170	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Benzo[a]anthracene	**47**	**J**	77	35	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Benzo[a]pyrene	**51**	**J**	77	33	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Benzo[b]fluoranthene	**72**	**J**	77	19	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Benzo[g,h,i]perylene	**36**	**J**	77	17	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Benzo[k]fluoranthene	**33**	**J**	77	23	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Carbazole	ND		77	18	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Chrysene	**62**	**J**	77	42	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Dimethyl phthalate	ND		770	420	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Fluoranthene	**110**		77	20	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Fluorene	ND		77	15	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Indeno[1,2,3-cd]pyrene	ND		77	38	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Isophorone	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV130-0-0.17
Lab Sample ID: 180-202362-3
Date Collected: 03/02/26 13:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Naphthalene	ND		77	15	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2-Nitroaniline	ND		2000	170	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
3-Nitroaniline	ND		2000	97	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Phenanthrene	**32**	**J**	77	21	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Phenol	ND		380	120	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
Pyrene	**79**		77	27	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*44 - 105*	*03/04/26 14:52*	*03/05/26 12:02*	*1*
2-Fluorophenol (Surr)	*82*		*48 - 105*	*03/04/26 14:52*	*03/05/26 12:02*	*1*
Nitrobenzene-d5 (Surr)	*78*		*46 - 105*	*03/04/26 14:52*	*03/05/26 12:02*	*1*
Phenol-d5 (Surr)	*82*		*46 - 105*	*03/04/26 14:52*	*03/05/26 12:02*	*1*
Terphenyl-d14 (Surr)	*91*		*39 - 105*	*03/04/26 14:52*	*03/05/26 12:02*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*34 - 108*	*03/04/26 14:52*	*03/05/26 12:02*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	03/04/26 14:37	03/05/26 14:10	1
PCB-1221	ND		19	6.9	ug/Kg	☼	03/04/26 14:37	03/05/26 14:10	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/04/26 14:37	03/05/26 14:10	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 14:37	03/05/26 14:10	1
PCB-1248	ND		19	4.7	ug/Kg	☼	03/04/26 14:37	03/05/26 14:10	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/04/26 14:37	03/05/26 14:10	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/04/26 14:37	03/05/26 14:10	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/04/26 14:37	03/05/26 14:10	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 14:37	03/05/26 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*67*		*26 - 142*	*03/04/26 14:37*	*03/05/26 14:10*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*	*03/04/26 14:37*	*03/05/26 14:10*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*17 - 144*	*03/04/26 14:37*	*03/05/26 14:10*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/04/26 14:37*	*03/05/26 14:10*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.3	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Aluminum	**11000**		32	9.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV130-0-0.17
Lab Sample ID: 180-202362-3
Date Collected: 03/02/26 13:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8		5.3	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Barium	67		0.53	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Beryllium	0.48	J	0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Cadmium	0.13	J	0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Calcium	24000		53	22	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Chromium	15		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Cobalt	8.2		0.53	0.15	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Copper	23		2.1	0.82	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Iron	21000		21	8.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Lead	16		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Magnesium	6100		21	4.2	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Manganese	390		1.1	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Nickel	20		1.1	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Potassium	1200		110	37	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Selenium	ND		5.3	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Silver	ND		1.1	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Sodium	56	J	110	42	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Zinc	70		2.1	0.85	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1
Vanadium	15		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 11:49	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.069	0.023	mg/Kg	☼	03/06/26 14:17	03/06/26 20:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.4		1.0	1.0	%			03/05/26 02:45	1

Client Sample ID: SSHS-IRM5A2-SCV130-0.17-1
Lab Sample ID: 180-202362-4

Date Collected: 03/02/26 13:15
Matrix: Solid

Date Received: 03/04/26 10:13
Percent Solids: 85.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Acetophenone	ND		770	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Anthracene	**20**	**J**	77	20	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Atrazine	ND		770	170	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Benzo[a]anthracene	**100**		77	35	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Benzo[a]pyrene	**110**		77	33	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Benzo[b]fluoranthene	**140**		77	19	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Benzo[g,h,i]perylene	**92**		77	17	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Benzo[k]fluoranthene	**76**	**J**	77	23	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Carbazole	ND		77	18	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Chrysene	**130**		77	42	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Dimethyl phthalate	ND		770	420	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Fluoranthene	**300**		77	20	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Fluorene	ND		77	15	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Indeno[1,2,3-cd]pyrene	**70**	**J**	77	38	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Isophorone	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1

Client Sample ID: SSHS-IRM5A2-SCV130-0.17-1
Lab Sample ID: 180-202362-4
Date Collected: 03/02/26 13:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Naphthalene	ND		77	15	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2-Nitroaniline	ND		2000	170	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
3-Nitroaniline	ND		2000	97	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Phenanthrene	**110**		77	21	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Phenol	ND		380	120	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
Pyrene	**190**		77	27	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*44 - 105*	*03/04/26 14:52*	*03/05/26 19:13*	*1*
2-Fluorophenol (Surr)	*74*		*48 - 105*	*03/04/26 14:52*	*03/05/26 19:13*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*03/04/26 14:52*	*03/05/26 19:13*	*1*
Phenol-d5 (Surr)	*74*		*46 - 105*	*03/04/26 14:52*	*03/05/26 19:13*	*1*
Terphenyl-d14 (Surr)	*82*		*39 - 105*	*03/04/26 14:52*	*03/05/26 19:13*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*34 - 108*	*03/04/26 14:52*	*03/05/26 19:13*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/04/26 14:37	03/05/26 14:28	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 14:37	03/05/26 14:28	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 14:37	03/05/26 14:28	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 14:37	03/05/26 14:28	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/04/26 14:37	03/05/26 14:28	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 14:37	03/05/26 14:28	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 14:37	03/05/26 14:28	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/04/26 14:37	03/05/26 14:28	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 14:37	03/05/26 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*26 - 142*	*03/04/26 14:37*	*03/05/26 14:28*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*26 - 142*	*03/04/26 14:37*	*03/05/26 14:28*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/04/26 14:37*	*03/05/26 14:28*	*1*
Tetrachloro-m-xylene (Surr)	*98*		*17 - 144*	*03/04/26 14:37*	*03/05/26 14:28*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.5	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Aluminum	**11000**		33	9.9	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV130-0.17-1
Lab Sample ID: 180-202362-4
Date Collected: 03/02/26 13:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.5

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		5.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Barium	76		0.55	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Beryllium	0.51	J	0.55	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Cadmium	0.14	J	0.55	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Calcium	22000		55	23	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Chromium	15		1.7	0.66	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Cobalt	8.7		0.55	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Copper	21		2.2	0.85	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Iron	22000		22	8.8	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Lead	17		1.7	0.66	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Magnesium	5900		22	4.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Manganese	390		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Nickel	21		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Potassium	1300		110	39	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Selenium	ND		5.5	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Sodium	67	J	110	44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Zinc	74		2.2	0.88	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1
Vanadium	16		1.1	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:52	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042	J	0.068	0.023	mg/Kg	☼	03/06/26 14:17	03/06/26 20:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.5		1.0	1.0	%			03/05/26 02:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV130-0.5-1
Lab Sample ID: 180-202362-5
Date Collected: 03/02/26 13:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**38**		15	4.6	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Benzene	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Bromoform	ND		7.7	3.9	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Bromomethane	ND		3.9	0.77	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
2-Butanone (MEK)	ND		7.7	1.5	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Carbon disulfide	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Carbon tetrachloride	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Chlorobenzene	ND		3.9	0.70	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Chlorobromomethane	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Chlorodibromomethane	ND		3.9	0.39	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Chloroethane	ND		3.9	0.77	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Chloroform	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Chloromethane	ND		3.9	0.77	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
cis-1,2-Dichloroethene	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
cis-1,3-Dichloropropene	ND		3.9	0.46	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Cyclohexane	ND		3.9	0.70	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,2-Dibromo-3-Chloropropane	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,2-Dibromoethane	ND		3.9	0.54	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,2-Dichlorobenzene	ND		3.9	0.70	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,3-Dichlorobenzene	ND		3.9	0.77	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,4-Dichlorobenzene	ND		3.9	0.70	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Dichlorobromomethane	ND		3.9	0.54	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Dichlorodifluoromethane	ND		3.9	0.77	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,1-Dichloroethane	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,2-Dichloroethane	ND		3.9	0.46	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,1-Dichloroethene	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,2-Dichloroethene, Total	ND		7.7	0.77	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,2-Dichloropropane	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,4-Dioxane	ND		190	29	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Ethylbenzene	ND		3.9	0.77	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
2-Hexanone	ND		7.7	1.9	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Isopropylbenzene	ND		3.9	1.2	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Methyl acetate	**33**		3.9	0.77	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Methylcyclohexane	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Methylene Chloride	**4.2**		3.9	1.5	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
4-Methyl-2-pentanone (MIBK)	ND		7.7	1.5	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Methyl tert-butyl ether	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
m-Xylene & p-Xylene	ND		3.9	1.5	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
o-Xylene	ND		3.9	0.77	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Styrene	ND		3.9	0.70	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,1,2,2-Tetrachloroethane	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Tetrachloroethene	ND		3.9	1.2	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Toluene	ND		3.9	0.77	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
trans-1,2-Dichloroethene	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
trans-1,3-Dichloropropene	ND		3.9	0.46	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,2,3-Trichlorobenzene	ND		7.7	3.9	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,2,4-Trichlorobenzene	ND		7.7	3.9	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,1,1-Trichloroethane	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,1,2-Trichloroethane	ND		3.9	0.54	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV130-0.5-1
Lab Sample ID: 180-202362-5
Date Collected: 03/02/26 13:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.3

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Trichlorofluoromethane	ND		3.9	0.77	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.7	0.70	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Vinyl chloride	ND		3.9	0.62	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1
Xylenes, Total	ND		7.7	0.54	ug/Kg	☼	03/04/26 10:23	03/13/26 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*	*03/04/26 10:23*	*03/13/26 16:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*03/04/26 10:23*	*03/13/26 16:37*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*03/04/26 10:23*	*03/13/26 16:37*	*1*
Toluene-d8 (Surr)	*94*		*52 - 141*	*03/04/26 10:23*	*03/13/26 16:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.7		1.0	1.0	%			03/05/26 02:45	1

Client Sample ID: SSHS-IRM5A2-SCV131-0-0.17
Lab Sample ID: 180-202362-6
Date Collected: 03/02/26 13:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Acenaphthylene	ND		79	17	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Acetophenone	ND		790	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Anthracene	ND		79	20	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Atrazine	ND		790	170	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Benzaldehyde	ND		790	49	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Benzo[a]anthracene	ND		79	36	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Benzo[a]pyrene	ND		79	34	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Benzo[b]fluoranthene	**39**	**J**	79	19	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Benzo[g,h,i]perylene	**28**	**J**	79	17	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Benzo[k]fluoranthene	**26**	**J**	79	24	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Bis(2-chloroethyl)ether	ND		79	24	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Caprolactam	ND		2000	260	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Carbazole	ND		79	18	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Chrysene	ND		79	44	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Dibenz(a,h)anthracene	ND		79	50	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Dibenzofuran	ND		390	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Dimethyl phthalate	ND		790	440	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Di-n-butyl phthalate	ND		3900	820	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
1,4-Dioxane	ND		790	250	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Fluoranthene	**62**	**J**	79	21	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Fluorene	ND		79	15	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Indeno[1,2,3-cd]pyrene	ND		79	39	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Isophorone	ND		390	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2-Methylnaphthalene	ND		79	19	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1

Client Sample ID: SSHS-IRM5A2-SCV131-0-0.17
Lab Sample ID: 180-202362-6
Date Collected: 03/02/26 13:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Naphthalene	ND		79	15	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Nitrobenzene	ND		790	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Phenanthrene	**22**	**J**	79	21	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Phenol	ND		390	120	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
Pyrene	**43**	**J**	79	28	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*44 - 105*	*03/04/26 14:52*	*03/05/26 19:35*	*1*
2-Fluorophenol (Surr)	*75*		*48 - 105*	*03/04/26 14:52*	*03/05/26 19:35*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*03/04/26 14:52*	*03/05/26 19:35*	*1*
Phenol-d5 (Surr)	*76*		*46 - 105*	*03/04/26 14:52*	*03/05/26 19:35*	*1*
Terphenyl-d14 (Surr)	*82*		*39 - 105*	*03/04/26 14:52*	*03/05/26 19:35*	*1*
2,4,6-Tribromophenol (Surr)	*80*		*34 - 108*	*03/04/26 14:52*	*03/05/26 19:35*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	03/04/26 14:37	03/05/26 14:46	1
PCB-1221	ND		20	6.9	ug/Kg	☼	03/04/26 14:37	03/05/26 14:46	1
PCB-1232	ND		20	4.8	ug/Kg	☼	03/04/26 14:37	03/05/26 14:46	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/04/26 14:37	03/05/26 14:46	1
PCB-1248	ND		20	4.7	ug/Kg	☼	03/04/26 14:37	03/05/26 14:46	1
PCB-1254	ND		20	5.9	ug/Kg	☼	03/04/26 14:37	03/05/26 14:46	1
PCB-1260	ND		20	5.6	ug/Kg	☼	03/04/26 14:37	03/05/26 14:46	1
PCB-1262	ND		20	6.9	ug/Kg	☼	03/04/26 14:37	03/05/26 14:46	1
PCB-1268	ND		20	2.6	ug/Kg	☼	03/04/26 14:37	03/05/26 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*26 - 142*	*03/04/26 14:37*	*03/05/26 14:46*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*26 - 142*	*03/04/26 14:37*	*03/05/26 14:46*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*17 - 144*	*03/04/26 14:37*	*03/05/26 14:46*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/04/26 14:37*	*03/05/26 14:46*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.9	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Aluminum	**11000**		35	11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV131-0-0.17
Lab Sample ID: 180-202362-6
Date Collected: 03/02/26 13:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.1

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		5.9	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Barium	68		0.59	0.18	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Beryllium	0.50	J	0.59	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Cadmium	0.18	J	0.59	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Calcium	23000		59	25	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Chromium	17		1.8	0.71	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Cobalt	7.9		0.59	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Copper	23		2.4	0.91	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Iron	21000		24	9.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Lead	16		1.8	0.71	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Magnesium	5600		24	4.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Manganese	430		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Nickel	20		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Potassium	1300		120	41	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Selenium	ND		5.9	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Silver	ND		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Sodium	79	J	120	47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Zinc	73		2.4	0.94	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1
Vanadium	16		1.2	0.51	mg/Kg	☼	03/07/26 07:30	03/09/26 11:46	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047	J	0.070	0.023	mg/Kg	☼	03/06/26 14:17	03/06/26 20:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.9		1.0	1.0	%			03/05/26 02:45	1

Client Sample ID: SSHS-IRM5A2-SCV131-0.17-1
Lab Sample ID: 180-202362-7
Date Collected: 03/02/26 13:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	21	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Acetophenone	ND		750	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Anthracene	ND		75	19	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Atrazine	ND		750	160	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Benzaldehyde	ND		750	46	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Benzo[a]anthracene	ND		75	34	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Benzo[a]pyrene	ND		75	32	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Benzo[b]fluoranthene	**37**	**J**	75	18	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Benzo[g,h,i]perylene	**24**	**J**	75	16	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Benzo[k]fluoranthene	ND		75	22	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Carbazole	ND		75	17	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Chrysene	ND		75	41	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Fluoranthene	**50**	**J**	75	20	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Fluorene	ND		75	15	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Indeno[1,2,3-cd]pyrene	ND		75	37	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1

Client Sample ID: SSHS-IRM5A2-SCV131-0.17-1
Lab Sample ID: 180-202362-7
Date Collected: 03/02/26 13:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Naphthalene	ND		75	15	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Phenanthrene	ND		75	20	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
Pyrene	**40**	**J**	75	26	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/04/26 14:52	03/05/26 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*03/04/26 14:52*	*03/05/26 19:56*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*03/04/26 14:52*	*03/05/26 19:56*	*1*
Nitrobenzene-d5 (Surr)	*65*		*46 - 105*	*03/04/26 14:52*	*03/05/26 19:56*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*03/04/26 14:52*	*03/05/26 19:56*	*1*
Terphenyl-d14 (Surr)	*74*		*39 - 105*	*03/04/26 14:52*	*03/05/26 19:56*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*34 - 108*	*03/04/26 14:52*	*03/05/26 19:56*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/04/26 14:37	03/05/26 15:03	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 14:37	03/05/26 15:03	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 14:37	03/05/26 15:03	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 14:37	03/05/26 15:03	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 14:37	03/05/26 15:03	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 14:37	03/05/26 15:03	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 14:37	03/05/26 15:03	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/04/26 14:37	03/05/26 15:03	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 14:37	03/05/26 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*26 - 142*	*03/04/26 14:37*	*03/05/26 15:03*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*26 - 142*	*03/04/26 14:37*	*03/05/26 15:03*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/04/26 14:37*	*03/05/26 15:03*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*17 - 144*	*03/04/26 14:37*	*03/05/26 15:03*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.6	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Aluminum	**11000**		34	10	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV131-0.17-1
Lab Sample ID: 180-202362-7
Date Collected: 03/02/26 13:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5		5.6	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Barium	73		0.56	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Beryllium	0.52	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Cadmium	0.14	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Calcium	21000		56	24	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Chromium	15		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Cobalt	8.6		0.56	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Copper	24		2.2	0.86	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Iron	22000		22	9.0	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Lead	19		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Magnesium	5900		22	4.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Manganese	550		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Nickel	20		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Potassium	1300		110	39	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Selenium	ND		5.6	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Sodium	66	J	110	45	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Zinc	84		2.2	0.90	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1
Vanadium	16		1.1	0.48	mg/Kg	☼	03/07/26 07:30	03/09/26 11:43	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.063	0.021	mg/Kg	☼	03/06/26 14:17	03/06/26 20:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.6		1.0	1.0	%			03/05/26 02:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-09
Lab Sample ID: 180-202362-8
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Acenaphthylene	ND		76	17	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Acetophenone	ND		760	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Anthracene	**26**	**J**	76	20	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Atrazine	ND		760	170	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Benzo[a]anthracene	**120**		76	34	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Benzo[a]pyrene	**120**		76	33	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Benzo[b]fluoranthene	**170**		76	19	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Benzo[g,h,i]perylene	**93**		76	16	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Benzo[k]fluoranthene	**53**	**J**	76	23	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Bis(2-ethylhexyl) phthalate	ND		3800	400	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Carbazole	ND		76	18	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
4-Chloroaniline	ND		380	99	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Chrysene	**130**		76	42	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Dibenz(a,h)anthracene	ND		76	49	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
3,3'-Dichlorobenzidine	ND		380	350	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Di-n-butyl phthalate	ND		3800	790	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Fluoranthene	**250**		76	20	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Fluorene	ND		76	15	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Hexachloroethane	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Indeno[1,2,3-cd]pyrene	**69**	**J**	76	38	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Isophorone	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-09
Lab Sample ID: 180-202362-8

Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Naphthalene	ND		76	15	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Phenanthrene	**140**		76	20	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Phenol	ND		380	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
Pyrene	**240**		76	27	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*03/04/26 14:52*	*03/05/26 19:27*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*03/04/26 14:52*	*03/05/26 19:27*	*1*
Nitrobenzene-d5 (Surr)	*78*		*46 - 105*	*03/04/26 14:52*	*03/05/26 19:27*	*1*
Phenol-d5 (Surr)	*77*		*46 - 105*	*03/04/26 14:52*	*03/05/26 19:27*	*1*
Terphenyl-d14 (Surr)	*83*		*39 - 105*	*03/04/26 14:52*	*03/05/26 19:27*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*34 - 108*	*03/04/26 14:52*	*03/05/26 19:27*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	03/04/26 14:37	03/05/26 15:21	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/04/26 14:37	03/05/26 15:21	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/04/26 14:37	03/05/26 15:21	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 14:37	03/05/26 15:21	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/04/26 14:37	03/05/26 15:21	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/04/26 14:37	03/05/26 15:21	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/04/26 14:37	03/05/26 15:21	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/04/26 14:37	03/05/26 15:21	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 14:37	03/05/26 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*26 - 142*	*03/04/26 14:37*	*03/05/26 15:21*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*26 - 142*	*03/04/26 14:37*	*03/05/26 15:21*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/04/26 14:37*	*03/05/26 15:21*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*17 - 144*	*03/04/26 14:37*	*03/05/26 15:21*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.8	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Aluminum	**11000**		35	11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-09
Lab Sample ID: 180-202362-8

Date Collected: 03/02/26 00:00
Matrix: Solid

Date Received: 03/04/26 10:13
Percent Solids: 85.7

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		5.8	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Barium	65		0.58	0.18	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Beryllium	0.48	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Cadmium	0.14	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Calcium	19000		58	25	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Chromium	15		1.8	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Cobalt	8.0		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Copper	22		2.3	0.90	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Iron	20000		23	9.3	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Lead	16		1.8	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Magnesium	5200		23	4.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Manganese	370		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Nickel	20		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Potassium	1200		120	41	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Selenium	ND		5.8	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Silver	ND		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Sodium	67	J	120	47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Zinc	71		2.3	0.93	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1
Vanadium	15		1.2	0.50	mg/Kg	☼	03/07/26 07:30	03/09/26 11:28	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045	J	0.067	0.022	mg/Kg	☼	03/06/26 14:17	03/06/26 20:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.3		1.0	1.0	%			03/05/26 02:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV131-0.5-1
Lab Sample ID: 180-202362-9
Date Collected: 03/02/26 13:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		19	5.7	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Benzene	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Bromoform	ND		9.5	4.7	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Bromomethane	ND		4.7	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
2-Butanone (MEK)	ND		9.5	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Carbon disulfide	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Carbon tetrachloride	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Chlorobenzene	ND		4.7	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Chlorobromomethane	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Chlorodibromomethane	ND		4.7	0.47	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Chloroethane	ND		4.7	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Chloroform	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Chloromethane	ND		4.7	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
cis-1,2-Dichloroethene	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
cis-1,3-Dichloropropene	ND		4.7	0.57	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Cyclohexane	ND		4.7	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,2-Dibromo-3-Chloropropane	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,2-Dibromoethane	ND		4.7	0.66	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,2-Dichlorobenzene	ND		4.7	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,3-Dichlorobenzene	ND		4.7	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,4-Dichlorobenzene	ND		4.7	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Dichlorobromomethane	ND		4.7	0.66	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Dichlorodifluoromethane	ND		4.7	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,1-Dichloroethane	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,2-Dichloroethane	ND		4.7	0.57	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,1-Dichloroethene	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,2-Dichloroethene, Total	ND		9.5	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,2-Dichloropropane	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,4-Dioxane	ND		240	35	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Ethylbenzene	ND		4.7	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
2-Hexanone	ND		9.5	2.4	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Isopropylbenzene	ND		4.7	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Methyl acetate	ND		4.7	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Methylcyclohexane	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Methylene Chloride	**4.9**		4.7	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
4-Methyl-2-pentanone (MIBK)	ND		9.5	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Methyl tert-butyl ether	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
m-Xylene & p-Xylene	ND		4.7	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
o-Xylene	ND		4.7	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Styrene	ND		4.7	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,1,2,2-Tetrachloroethane	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Tetrachloroethene	ND		4.7	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Toluene	ND		4.7	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
trans-1,2-Dichloroethene	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
trans-1,3-Dichloropropene	ND		4.7	0.57	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,2,3-Trichlorobenzene	ND		9.5	4.7	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,2,4-Trichlorobenzene	ND		9.5	4.7	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,1,1-Trichloroethane	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,1,2-Trichloroethane	ND		4.7	0.66	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV131-0.5-1
Lab Sample ID: 180-202362-9
Date Collected: 03/02/26 13:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Trichlorofluoromethane	ND		4.7	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.5	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Vinyl chloride	ND		4.7	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1
Xylenes, Total	ND		9.5	0.66	ug/Kg	☼	03/04/26 10:23	03/12/26 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*03/04/26 10:23*	*03/12/26 16:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*	*03/04/26 10:23*	*03/12/26 16:54*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 141*	*03/04/26 10:23*	*03/12/26 16:54*	*1*
Toluene-d8 (Surr)	*97*		*52 - 141*	*03/04/26 10:23*	*03/12/26 16:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.8**		1.0	1.0	%			03/05/26 02:45	1

Client Sample ID: SSHS-IRM5A2-SCV132-0.17-1
Lab Sample ID: 180-202362-11

Date Collected: 03/02/26 13:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**55**	**J**	78	22	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Acenaphthylene	ND		78	17	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Acetophenone	ND		780	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Anthracene	**100**		78	20	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Atrazine	ND		780	170	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Benzaldehyde	ND		780	48	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Benzo[a]anthracene	**350**		78	35	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Benzo[a]pyrene	**340**		78	34	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Benzo[b]fluoranthene	**440**		78	19	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Benzo[g,h,i]perylene	**270**		78	17	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Benzo[k]fluoranthene	**190**		78	23	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Bis(2-chloroethyl)ether	ND		78	24	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Carbazole	**86**		78	18	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2-Chlorophenol	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Chrysene	**380**		78	43	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Dibenz(a,h)anthracene	ND		78	50	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Dibenzofuran	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
3,3'-Dichlorobenzidine	ND		390	360	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Dimethyl phthalate	ND		780	430	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Di-n-butyl phthalate	ND		3900	810	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
1,4-Dioxane	ND		780	240	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Fluoranthene	**890**		78	21	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Fluorene	**58**	**J**	78	15	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Indeno[1,2,3-cd]pyrene	**240**		78	39	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Isophorone	ND		390	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2-Methylnaphthalene	**19**	**J**	78	19	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1

Client Sample ID: SSHS-IRM5A2-SCV132-0.17-1
Lab Sample ID: 180-202362-11
Date Collected: 03/02/26 13:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	110	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Naphthalene	**47**	**J**	78	15	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
3-Nitroaniline	ND		2000	99	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Nitrobenzene	ND		780	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2-Nitrophenol	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Phenanthrene	**640**		78	21	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Phenol	ND		390	120	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
Pyrene	**850**		78	27	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
1,2,4,5-Tetrachlorobenzene	ND		390	150	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/04/26 14:52	03/05/26 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*44 - 105*	*03/04/26 14:52*	*03/05/26 19:49*	*1*
2-Fluorophenol (Surr)	*90*		*48 - 105*	*03/04/26 14:52*	*03/05/26 19:49*	*1*
Nitrobenzene-d5 (Surr)	*95*		*46 - 105*	*03/04/26 14:52*	*03/05/26 19:49*	*1*
Phenol-d5 (Surr)	*95*		*46 - 105*	*03/04/26 14:52*	*03/05/26 19:49*	*1*
Terphenyl-d14 (Surr)	*107*	*S1+*	*39 - 105*	*03/04/26 14:52*	*03/05/26 19:49*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*34 - 108*	*03/04/26 14:52*	*03/05/26 19:49*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	03/04/26 14:37	03/05/26 15:38	1
PCB-1221	ND		19	6.9	ug/Kg	☼	03/04/26 14:37	03/05/26 15:38	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/04/26 14:37	03/05/26 15:38	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 14:37	03/05/26 15:38	1
PCB-1248	ND		19	4.7	ug/Kg	☼	03/04/26 14:37	03/05/26 15:38	1
PCB-1254	**26**		19	5.8	ug/Kg	☼	03/04/26 14:37	03/05/26 15:38	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/04/26 14:37	03/05/26 15:38	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/04/26 14:37	03/05/26 15:38	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 14:37	03/05/26 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*26 - 142*	*03/04/26 14:37*	*03/05/26 15:38*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*26 - 142*	*03/04/26 14:37*	*03/05/26 15:38*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*17 - 144*	*03/04/26 14:37*	*03/05/26 15:38*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*17 - 144*	*03/04/26 14:37*	*03/05/26 15:38*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.9	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Aluminum	**11000**		35	11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV132-0.17-1
Lab Sample ID: 180-202362-11
Date Collected: 03/02/26 13:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.8

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.3		5.9	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Barium	67		0.59	0.18	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Beryllium	0.49	J	0.59	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Cadmium	0.13	J	0.59	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Calcium	21000		59	25	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Chromium	15		1.8	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Cobalt	8.0		0.59	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Copper	22		2.3	0.90	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Iron	20000		23	9.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Lead	16		1.8	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Magnesium	5400		23	4.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Manganese	380		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Nickel	20		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Potassium	1400		120	41	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Selenium	ND		5.9	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Silver	ND		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Sodium	68	J	120	47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Zinc	71		2.3	0.94	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1
Vanadium	16		1.2	0.50	mg/Kg	☼	03/07/26 07:30	03/09/26 11:31	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	J	0.069	0.023	mg/Kg	☼	03/06/26 14:17	03/06/26 20:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.2		1.0	1.0	%			03/05/26 02:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-10
Lab Sample ID: 180-202362-12
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 81.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		81	23	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Acenaphthylene	ND		81	18	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Acetophenone	ND		810	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Anthracene	ND		81	21	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Atrazine	ND		810	180	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Benzaldehyde	ND		810	50	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Benzo[a]anthracene	**65**	**J**	81	37	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Benzo[a]pyrene	**69**	**J**	81	35	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Benzo[b]fluoranthene	**76**	**J**	81	20	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Benzo[g,h,i]perylene	**47**	**J**	81	18	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Benzo[k]fluoranthene	**45**	**J**	81	24	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Bis(2-chloroethyl)ether	ND		81	25	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Butyl benzyl phthalate	ND		2000	280	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Caprolactam	ND		2100	260	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Carbazole	ND		81	19	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2-Chloronaphthalene	ND		81	19	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Chrysene	**57**	**J**	81	45	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Dibenz(a,h)anthracene	ND		81	52	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Dibenzofuran	ND		400	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2,4-Dichlorophenol	ND		81	31	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Dimethyl phthalate	ND		810	450	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Di-n-butyl phthalate	ND		4000	840	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
1,4-Dioxane	ND		810	250	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Fluoranthene	**130**		81	21	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Fluorene	ND		81	16	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Hexachlorobenzene	ND		81	29	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Hexachlorobutadiene	ND		81	24	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Hexachlorocyclopentadiene	ND		400	110	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Hexachloroethane	ND		400	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Indeno[1,2,3-cd]pyrene	**43**	**J**	81	40	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Isophorone	ND		400	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2-Methylnaphthalene	ND		81	19	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2-Methylphenol	ND		400	120	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-10
Lab Sample ID: 180-202362-12

Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 81.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Naphthalene	ND		81	16	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2-Nitroaniline	ND		2100	180	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Nitrobenzene	ND		810	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
4-Nitrophenol	ND		2100	280	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
N-Nitrosodi-n-propylamine	ND		81	27	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2,2'-oxybis[1-chloropropane]	ND		81	30	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Pentachlorophenol	ND		2100	650	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Phenanthrene	**55**	**J**	81	22	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Phenol	ND		400	120	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
Pyrene	**120**		81	29	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*44 - 105*	*03/04/26 14:52*	*03/05/26 20:11*	*1*
2-Fluorophenol (Surr)	*83*		*48 - 105*	*03/04/26 14:52*	*03/05/26 20:11*	*1*
Nitrobenzene-d5 (Surr)	*90*		*46 - 105*	*03/04/26 14:52*	*03/05/26 20:11*	*1*
Phenol-d5 (Surr)	*89*		*46 - 105*	*03/04/26 14:52*	*03/05/26 20:11*	*1*
Terphenyl-d14 (Surr)	*94*		*39 - 105*	*03/04/26 14:52*	*03/05/26 20:11*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*34 - 108*	*03/04/26 14:52*	*03/05/26 20:11*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	03/04/26 14:37	03/05/26 15:56	1
PCB-1221	ND		20	7.1	ug/Kg	☼	03/04/26 14:37	03/05/26 15:56	1
PCB-1232	ND		20	4.9	ug/Kg	☼	03/04/26 14:37	03/05/26 15:56	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/04/26 14:37	03/05/26 15:56	1
PCB-1248	ND		20	4.8	ug/Kg	☼	03/04/26 14:37	03/05/26 15:56	1
PCB-1254	ND		20	6.0	ug/Kg	☼	03/04/26 14:37	03/05/26 15:56	1
PCB-1260	ND		20	5.7	ug/Kg	☼	03/04/26 14:37	03/05/26 15:56	1
PCB-1262	ND		20	7.1	ug/Kg	☼	03/04/26 14:37	03/05/26 15:56	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/04/26 14:37	03/05/26 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/04/26 14:37*	*03/05/26 15:56*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*26 - 142*	*03/04/26 14:37*	*03/05/26 15:56*	*1*
Tetrachloro-m-xylene (Surr)	*80*		*17 - 144*	*03/04/26 14:37*	*03/05/26 15:56*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*	*03/04/26 14:37*	*03/05/26 15:56*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.6	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Aluminum	**10000**		33	10	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-10
Lab Sample ID: 180-202362-12
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 81.7

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.3		5.6	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Barium	68		0.56	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Beryllium	0.48	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Cadmium	0.17	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Calcium	28000		56	23	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Chromium	15		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Cobalt	8.1		0.56	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Copper	22		2.2	0.86	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Iron	20000		22	8.9	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Lead	17		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Magnesium	5400		22	4.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Manganese	390		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Nickel	19		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Potassium	1200		110	39	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Selenium	ND		5.6	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Sodium	62	J	110	44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Zinc	73		2.2	0.89	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1
Vanadium	15		1.1	0.48	mg/Kg	☼	03/07/26 07:30	03/09/26 11:25	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047	J	0.070	0.023	mg/Kg	☼	03/06/26 14:17	03/06/26 20:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	18.3		1.0	1.0	%			03/05/26 02:45	1

Client Sample ID: SSHS-IRM5A2-SCV132-0.5-1
Lab Sample ID: 180-202362-13
Date Collected: 03/02/26 13:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		14	4.2	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Benzene	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Bromoform	ND		7.0	3.5	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Bromomethane	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
2-Butanone (MEK)	ND		7.0	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Carbon disulfide	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Carbon tetrachloride	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Chlorobenzene	ND		3.5	0.63	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Chlorobromomethane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Chlorodibromomethane	ND		3.5	0.35	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Chloroethane	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Chloroform	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Chloromethane	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
cis-1,2-Dichloroethene	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
cis-1,3-Dichloropropene	ND		3.5	0.42	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Cyclohexane	ND		3.5	0.63	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,2-Dibromo-3-Chloropropane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,2-Dibromoethane	ND		3.5	0.49	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,2-Dichlorobenzene	ND		3.5	0.63	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,3-Dichlorobenzene	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,4-Dichlorobenzene	ND		3.5	0.63	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Dichlorobromomethane	ND		3.5	0.49	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Dichlorodifluoromethane	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,1-Dichloroethane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,2-Dichloroethane	ND		3.5	0.42	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,1-Dichloroethene	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,2-Dichloroethene, Total	ND		7.0	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,2-Dichloropropane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,4-Dioxane	ND		180	26	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Ethylbenzene	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
2-Hexanone	ND		7.0	1.8	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Isopropylbenzene	ND		3.5	1.1	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Methyl acetate	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Methylcyclohexane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Methylene Chloride	**2.8**	**J**	3.5	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
4-Methyl-2-pentanone (MIBK)	ND		7.0	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Methyl tert-butyl ether	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
m-Xylene & p-Xylene	ND		3.5	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
o-Xylene	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Styrene	ND		3.5	0.63	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,1,2,2-Tetrachloroethane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Tetrachloroethene	ND		3.5	1.1	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Toluene	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
trans-1,2-Dichloroethene	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
trans-1,3-Dichloropropene	ND		3.5	0.42	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,2,3-Trichlorobenzene	ND		7.0	3.5	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,2,4-Trichlorobenzene	ND		7.0	3.5	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,1,1-Trichloroethane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,1,2-Trichloroethane	ND		3.5	0.49	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV132-0.5-1
Lab Sample ID: 180-202362-13
Date Collected: 03/02/26 13:55
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Trichlorofluoromethane	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.0	0.63	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Vinyl chloride	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1
Xylenes, Total	ND		7.0	0.49	ug/Kg	☼	03/04/26 10:23	03/12/26 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*03/04/26 10:23*	*03/12/26 17:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*	*03/04/26 10:23*	*03/12/26 17:18*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 141*	*03/04/26 10:23*	*03/12/26 17:18*	*1*
Toluene-d8 (Surr)	*96*		*52 - 141*	*03/04/26 10:23*	*03/12/26 17:18*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.8		1.0	1.0	%			03/05/26 02:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-DUP-13
Lab Sample ID: 180-202362-14
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		17	5.0	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Benzene	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Bromoform	ND		8.3	4.2	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Bromomethane	ND		4.2	0.83	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
2-Butanone (MEK)	ND		8.3	1.7	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Carbon disulfide	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Carbon tetrachloride	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Chlorobenzene	ND		4.2	0.75	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Chlorobromomethane	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Chlorodibromomethane	ND		4.2	0.42	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Chloroethane	ND		4.2	0.83	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Chloroform	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Chloromethane	ND		4.2	0.83	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
cis-1,2-Dichloroethene	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
cis-1,3-Dichloropropene	ND		4.2	0.50	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Cyclohexane	ND		4.2	0.75	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,2-Dibromo-3-Chloropropane	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,2-Dibromoethane	ND		4.2	0.58	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,2-Dichlorobenzene	ND		4.2	0.75	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,3-Dichlorobenzene	ND		4.2	0.83	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,4-Dichlorobenzene	ND		4.2	0.75	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Dichlorobromomethane	ND		4.2	0.58	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Dichlorodifluoromethane	ND		4.2	0.83	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,1-Dichloroethane	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,2-Dichloroethane	ND		4.2	0.50	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,1-Dichloroethene	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,2-Dichloroethene, Total	ND		8.3	0.83	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,2-Dichloropropane	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,4-Dioxane	ND		210	31	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Ethylbenzene	ND		4.2	0.83	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
2-Hexanone	ND		8.3	2.1	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Isopropylbenzene	ND		4.2	1.2	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Methyl acetate	ND		4.2	0.83	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Methylcyclohexane	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Methylene Chloride	**3.0**	**J**	4.2	1.7	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
4-Methyl-2-pentanone (MIBK)	ND		8.3	1.7	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Methyl tert-butyl ether	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
m-Xylene & p-Xylene	ND		4.2	1.7	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
o-Xylene	ND		4.2	0.83	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Styrene	ND		4.2	0.75	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Tetrachloroethene	ND		4.2	1.2	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Toluene	ND		4.2	0.83	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
trans-1,2-Dichloroethene	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
trans-1,3-Dichloropropene	ND		4.2	0.50	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,2,3-Trichlorobenzene	ND		8.3	4.2	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,2,4-Trichlorobenzene	ND		8.3	4.2	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,1,1-Trichloroethane	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,1,2-Trichloroethane	ND		4.2	0.58	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-DUP-13
Lab Sample ID: 180-202362-14
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Trichlorofluoromethane	ND		4.2	0.83	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.3	0.75	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Vinyl chloride	ND		4.2	0.66	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1
Xylenes, Total	ND		8.3	0.58	ug/Kg	☼	03/04/26 10:23	03/15/26 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*03/04/26 10:23*	*03/15/26 21:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*54 - 135*	*03/04/26 10:23*	*03/15/26 21:38*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*03/04/26 10:23*	*03/15/26 21:38*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*03/04/26 10:23*	*03/15/26 21:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.3		1.0	1.0	%			03/05/26 02:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV133-0-0.17
Lab Sample ID: 180-202362-15
Date Collected: 03/02/26 14:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	22	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Acenaphthylene	ND		78	17	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Acetophenone	ND		780	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Anthracene	**23**	**J**	78	20	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Atrazine	ND		780	170	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Benzaldehyde	ND		780	48	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Benzo[a]anthracene	**97**		78	35	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Benzo[a]pyrene	**110**		78	34	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Benzo[b]fluoranthene	**140**		78	19	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Benzo[g,h,i]perylene	**86**		78	17	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Benzo[k]fluoranthene	**76**	**J**	78	23	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Bis(2-chloroethyl)ether	ND		78	24	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Carbazole	ND		78	18	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2-Chlorophenol	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Chrysene	**110**		78	43	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Dibenz(a,h)anthracene	ND		78	50	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Dibenzofuran	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
3,3'-Dichlorobenzidine	ND		390	360	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Dimethyl phthalate	ND		780	430	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Di-n-butyl phthalate	ND		3900	810	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
1,4-Dioxane	ND		780	240	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Fluoranthene	**220**		78	21	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Fluorene	ND		78	15	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Indeno[1,2,3-cd]pyrene	ND		78	39	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Isophorone	ND		390	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2-Methylnaphthalene	ND		78	19	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1

Client Sample ID: SSHS-IRM5A2-SCV133-0-0.17
Lab Sample ID: 180-202362-15
Date Collected: 03/02/26 14:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	110	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Naphthalene	ND		78	15	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
3-Nitroaniline	ND		2000	99	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Nitrobenzene	ND		780	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2-Nitrophenol	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Phenanthrene	**100**		78	21	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Phenol	ND		390	120	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
Pyrene	**210**		78	27	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
1,2,4,5-Tetrachlorobenzene	ND		390	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*89*		*44 - 105*	*03/04/26 14:52*	*03/05/26 20:34*	*1*
2-Fluorophenol (Surr)	*95*		*48 - 105*	*03/04/26 14:52*	*03/05/26 20:34*	*1*
Nitrobenzene-d5 (Surr)	*101*		*46 - 105*	*03/04/26 14:52*	*03/05/26 20:34*	*1*
Phenol-d5 (Surr)	*101*		*46 - 105*	*03/04/26 14:52*	*03/05/26 20:34*	*1*
Terphenyl-d14 (Surr)	*107*	*S1+*	*39 - 105*	*03/04/26 14:52*	*03/05/26 20:34*	*1*
2,4,6-Tribromophenol (Surr)	*94*		*34 - 108*	*03/04/26 14:52*	*03/05/26 20:34*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	03/04/26 14:37	03/05/26 16:13	1
PCB-1221	ND		20	7.0	ug/Kg	☼	03/04/26 14:37	03/05/26 16:13	1
PCB-1232	ND		20	4.8	ug/Kg	☼	03/04/26 14:37	03/05/26 16:13	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/04/26 14:37	03/05/26 16:13	1
PCB-1248	ND		20	4.8	ug/Kg	☼	03/04/26 14:37	03/05/26 16:13	1
PCB-1254	ND		20	6.0	ug/Kg	☼	03/04/26 14:37	03/05/26 16:13	1
PCB-1260	ND		20	5.7	ug/Kg	☼	03/04/26 14:37	03/05/26 16:13	1
PCB-1262	ND		20	7.0	ug/Kg	☼	03/04/26 14:37	03/05/26 16:13	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/04/26 14:37	03/05/26 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*26 - 142*	*03/04/26 14:37*	*03/05/26 16:13*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/04/26 14:37*	*03/05/26 16:13*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 144*	*03/04/26 14:37*	*03/05/26 16:13*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*17 - 144*	*03/04/26 14:37*	*03/05/26 16:13*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV133-0-0.17
Lab Sample ID: 180-202362-15
Date Collected: 03/02/26 14:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorooctanoic acid (PFOA)	**0.18**	**J**	0.19	0.058	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorodecanoic acid (PFDA)	**0.070**	**J**	0.19	0.058	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorooctanesulfonic acid (PFOS)	**0.51**		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1

Client Sample ID: SSHS-IRM5A2-SCV133-0-0.17
Lab Sample ID: 180-202362-15
Date Collected: 03/02/26 14:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*95.1*		*8 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C5-PFPeA	*94.2*		*35 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C5-PFHxA	*91.2*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C4-PFHpA	*95.0*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C8-PFOA	*86.6*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C9-PFNA	*80.7*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C6-PFDA	*88.8*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C7-PFUnA	*87.1*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C2 PFDoA	*77.9*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C2-PFTeDA	*69.9*		*20 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C3-PFBS	*85.1*		*40 - 135*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C3-PFHxS	*81.9*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C8-PFOS	*87.2*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C8-PFOSA	*75.4*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
d3-NMeFOSAA	*86.5*		*40 - 135*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
d5-NEtFOSAA	*93.2*		*40 - 150*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C2 4:2 FTS	*198*	*5+	*40 - 165*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C2 6:2 FTS	*109*		*40 - 215*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C2 8:2 FTS	*235*		*40 - 275*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
13C3-HFPO-DA	*91.1*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
D7-NMeFOSE	*61.5*		*20 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
D9-NEtFOSE	*56.3*		*15 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
d5-NEtPFOSA	*64.0*		*10 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*
d3-NMePFOSA	*65.8*		*10 - 130*	*03/05/26 14:13*	*03/10/26 14:40*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		6.0	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Aluminum	**11000**		36	11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Arsenic	**7.7**		6.0	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Barium	**76**		0.60	0.18	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Beryllium	**0.49**	**J**	0.60	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Cadmium	**0.15**	**J**	0.60	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Calcium	**18000**		60	25	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Chromium	**15**		1.8	0.72	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Cobalt	**8.4**		0.60	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Copper	**21**		2.4	0.92	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Iron	**21000**		24	9.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Lead	**20**		1.8	0.72	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Magnesium	**5600**		24	4.8	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Manganese	**460**		1.2	0.48	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Nickel	**20**		1.2	0.48	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV133-0-0.17
Lab Sample ID: 180-202362-15
Date Collected: 03/02/26 14:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 83.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1300**		120	42	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Selenium	ND		6.0	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Silver	ND		1.2	0.48	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Sodium	**61**	**J**	120	48	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Thallium	ND		3.6	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Zinc	**85**		2.4	0.96	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1
Vanadium	**15**		1.2	0.51	mg/Kg	☼	03/07/26 07:30	03/09/26 11:22	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.046**	**J**	0.067	0.022	mg/Kg	☼	03/06/26 14:17	03/06/26 20:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**16.4**		1.0	1.0	%			03/05/26 02:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-DUP-04
Lab Sample ID: 180-202362-16
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	22	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Acetophenone	ND		750	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Anthracene	**20**	**J**	75	19	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Atrazine	ND		750	160	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Benzaldehyde	ND		750	46	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Benzo[a]anthracene	**120**		75	34	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Benzo[a]pyrene	**120**		75	32	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Benzo[b]fluoranthene	**190**		75	18	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Benzo[g,h,i]perylene	**110**		75	16	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Benzo[k]fluoranthene	**58**	**J**	75	22	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Carbazole	ND		75	18	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Chrysene	**140**		75	42	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Fluoranthene	**250**		75	20	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Fluorene	ND		75	15	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Indeno[1,2,3-cd]pyrene	**90**		75	37	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-DUP-04
Lab Sample ID: 180-202362-16
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Naphthalene	ND		75	15	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Phenanthrene	**110**		75	20	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
Pyrene	**240**		75	26	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/04/26 14:52	03/05/26 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*44 - 105*	*03/04/26 14:52*	*03/05/26 20:56*	*1*
2-Fluorophenol (Surr)	*81*		*48 - 105*	*03/04/26 14:52*	*03/05/26 20:56*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 105*	*03/04/26 14:52*	*03/05/26 20:56*	*1*
Phenol-d5 (Surr)	*89*		*46 - 105*	*03/04/26 14:52*	*03/05/26 20:56*	*1*
Terphenyl-d14 (Surr)	*94*		*39 - 105*	*03/04/26 14:52*	*03/05/26 20:56*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*	*03/04/26 14:52*	*03/05/26 20:56*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/04/26 14:37	03/05/26 16:31	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/04/26 14:37	03/05/26 16:31	1
PCB-1232	ND		19	4.5	ug/Kg	☼	03/04/26 14:37	03/05/26 16:31	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/04/26 14:37	03/05/26 16:31	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 14:37	03/05/26 16:31	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/04/26 14:37	03/05/26 16:31	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/04/26 14:37	03/05/26 16:31	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/04/26 14:37	03/05/26 16:31	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 14:37	03/05/26 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*62*		*26 - 142*	*03/04/26 14:37*	*03/05/26 16:31*	*1*
DCB Decachlorobiphenyl (Surr)	*66*		*26 - 142*	*03/04/26 14:37*	*03/05/26 16:31*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*17 - 144*	*03/04/26 14:37*	*03/05/26 16:31*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*17 - 144*	*03/04/26 14:37*	*03/05/26 16:31*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-DUP-04
Lab Sample ID: 180-202362-16
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorooctanoic acid (PFOA)	**0.11**	**J**	0.19	0.058	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorooctanesulfonic acid (PFOS)	**0.36**		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.48	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.48	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1

Client Sample ID: SSHS-IRM5A2-DUP-04
Lab Sample ID: 180-202362-16

Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.7

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.48	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.48	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 14:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*109*		*8 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C5-PFPeA	*107*		*35 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C5-PFHxA	*103*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C4-PFHpA	*104*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C8-PFOA	*102*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C9-PFNA	*85.3*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C6-PFDA	*83.9*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C7-PFUnA	*77.0*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C2 PFDoA	*66.8*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C2-PFTeDA	*58.5*		*20 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C3-PFBS	*98.6*		*40 - 135*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C3-PFHxS	*91.9*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C8-PFOS	*82.0*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C8-PFOSA	*76.4*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
d3-NMeFOSAA	*79.9*		*40 - 135*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
d5-NEtFOSAA	*77.0*		*40 - 150*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C2 4:2 FTS	*227*	*5+	*40 - 165*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C2 6:2 FTS	*128*		*40 - 215*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C2 8:2 FTS	*237*		*40 - 275*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
13C3-HFPO-DA	*96.7*		*40 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
D7-NMeFOSE	*48.3*		*20 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
D9-NEtFOSE	*41.3*		*15 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
d5-NEtPFOSA	*56.5*		*10 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*
d3-NMePFOSA	*60.3*		*10 - 130*	*03/05/26 14:13*	*03/10/26 14:54*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.1	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Aluminum	**11000**		31	9.2	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Arsenic	**7.0**		5.1	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Barium	**74**		0.51	0.15	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Beryllium	**0.50**	**J**	0.51	0.10	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Cadmium	**0.14**	**J**	0.51	0.10	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Calcium	**18000**		51	22	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Chromium	**15**		1.5	0.61	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Cobalt	**8.0**		0.51	0.15	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Copper	**21**		2.0	0.79	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Iron	**20000**		20	8.2	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Lead	**19**		1.5	0.61	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Magnesium	**5100**		20	4.1	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Manganese	**410**		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Nickel	**19**		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-DUP-04
Lab Sample ID: 180-202362-16
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.7

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1400		100	36	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Selenium	ND		5.1	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Silver	ND		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Sodium	68	J	100	41	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Thallium	ND		3.1	1.3	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Zinc	73		2.0	0.82	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1
Vanadium	16		1.0	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:16	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044	J	0.065	0.022	mg/Kg	☼	03/06/26 14:17	03/06/26 20:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.3		1.0	1.0	%			03/05/26 02:45	1

Client Sample ID: SSHS-IRM5A2-SCV133-0.17-1
Lab Sample ID: 180-202362-17
Date Collected: 03/02/26 14:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Acenaphthylene	ND		74	16	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Acetophenone	ND		740	130	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Anthracene	**29**	**J**	74	19	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Atrazine	ND		740	160	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Benzaldehyde	ND		740	45	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Benzo[a]anthracene	**120**		74	33	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Benzo[a]pyrene	**110**		74	32	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Benzo[b]fluoranthene	**160**		74	18	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Benzo[g,h,i]perylene	**100**		74	16	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Benzo[k]fluoranthene	**68**	**J**	74	22	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Bis(2-chloroethyl)ether	ND		74	23	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Carbazole	ND		74	17	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Chrysene	**130**		74	41	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Dibenzofuran	ND		360	140	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Dimethyl phthalate	ND		740	410	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Di-n-butyl phthalate	ND		3600	760	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
1,4-Dioxane	ND		740	230	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Fluoranthene	**270**		74	19	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Fluorene	ND		74	14	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Hexachlorobutadiene	ND		74	21	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Hexachlorocyclopentadiene	ND		360	99	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Hexachloroethane	ND		360	130	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Indeno[1,2,3-cd]pyrene	**78**		74	36	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Isophorone	ND		360	140	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2-Methylphenol	ND		360	110	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1

Client Sample ID: SSHS-IRM5A2-SCV133-0.17-1
Lab Sample ID: 180-202362-17
Date Collected: 03/02/26 14:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Naphthalene	ND		74	14	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
3-Nitroaniline	ND		1900	93	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Nitrobenzene	ND		740	130	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Phenanthrene	**120**		74	20	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Phenol	ND		360	110	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
Pyrene	**220**		74	26	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	03/04/26 14:52	03/09/26 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*03/04/26 14:52*	*03/09/26 16:54*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*03/04/26 14:52*	*03/09/26 16:54*	*1*
Nitrobenzene-d5 (Surr)	*67*		*46 - 105*	*03/04/26 14:52*	*03/09/26 16:54*	*1*
Phenol-d5 (Surr)	*70*		*46 - 105*	*03/04/26 14:52*	*03/09/26 16:54*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 105*	*03/04/26 14:52*	*03/09/26 16:54*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*34 - 108*	*03/04/26 14:52*	*03/09/26 16:54*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/04/26 14:37	03/05/26 16:49	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/04/26 14:37	03/05/26 16:49	1
PCB-1232	ND		19	4.5	ug/Kg	☼	03/04/26 14:37	03/05/26 16:49	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/04/26 14:37	03/05/26 16:49	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 14:37	03/05/26 16:49	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/04/26 14:37	03/05/26 16:49	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/04/26 14:37	03/05/26 16:49	1
PCB-1262	ND		19	6.5	ug/Kg	☼	03/04/26 14:37	03/05/26 16:49	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 14:37	03/05/26 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*26 - 142*	*03/04/26 14:37*	*03/05/26 16:49*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*26 - 142*	*03/04/26 14:37*	*03/05/26 16:49*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*17 - 144*	*03/04/26 14:37*	*03/05/26 16:49*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/04/26 14:37*	*03/05/26 16:49*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.6	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Aluminum	**11000**		33	10	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV133-0.17-1
Lab Sample ID: 180-202362-17
Date Collected: 03/02/26 14:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.3

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		5.6	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Barium	75		0.56	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Beryllium	0.48	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Cadmium	0.13	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Calcium	20000		56	23	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Chromium	15		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Cobalt	8.0		0.56	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Copper	21		2.2	0.86	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Iron	20000		22	8.9	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Lead	18		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Magnesium	5000		22	4.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Manganese	400		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Nickel	19		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Potassium	1400		110	39	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Selenium	ND		5.6	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Sodium	63	J	110	44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Zinc	74		2.2	0.89	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1
Vanadium	16		1.1	0.48	mg/Kg	☼	03/07/26 07:30	03/09/26 11:10	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026	J	0.066	0.022	mg/Kg	☼	03/06/26 14:17	03/06/26 20:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.7		1.0	1.0	%			03/05/26 02:45	1

Client Sample ID: SSHS-IRM5A2-SCV134-0-0.17
Lab Sample ID: 180-202362-18
Date Collected: 03/02/26 14:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	21	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Acetophenone	ND		750	130	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Anthracene	ND		75	19	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Atrazine	ND		750	160	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Benzaldehyde	ND		750	46	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Benzo[a]anthracene	**49**	**J**	75	34	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Benzo[a]pyrene	**50**	**J**	75	32	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Benzo[b]fluoranthene	**64**	**J**	75	18	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Benzo[g,h,i]perylene	**40**	**J**	75	16	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Benzo[k]fluoranthene	**27**	**J**	75	22	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Carbazole	ND		75	17	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Chrysene	**54**	**J**	75	41	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Fluoranthene	**96**		75	20	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Fluorene	ND		75	15	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Indeno[1,2,3-cd]pyrene	ND		75	37	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1

Client Sample ID: SSHS-IRM5A2-SCV134-0-0.17
Lab Sample ID: 180-202362-18
Date Collected: 03/02/26 14:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Naphthalene	ND		75	15	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Phenanthrene	**42**	**J**	75	20	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
Pyrene	**87**		75	26	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/04/26 14:52	03/09/26 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*44 - 105*	*03/04/26 14:52*	*03/09/26 17:16*	*1*
2-Fluorophenol (Surr)	*80*		*48 - 105*	*03/04/26 14:52*	*03/09/26 17:16*	*1*
Nitrobenzene-d5 (Surr)	*74*		*46 - 105*	*03/04/26 14:52*	*03/09/26 17:16*	*1*
Phenol-d5 (Surr)	*78*		*46 - 105*	*03/04/26 14:52*	*03/09/26 17:16*	*1*
Terphenyl-d14 (Surr)	*86*		*39 - 105*	*03/04/26 14:52*	*03/09/26 17:16*	*1*
2,4,6-Tribromophenol (Surr)	*93*		*34 - 108*	*03/04/26 14:52*	*03/09/26 17:16*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/04/26 14:37	03/05/26 17:06	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/04/26 14:37	03/05/26 17:06	1
PCB-1232	ND		19	4.5	ug/Kg	☼	03/04/26 14:37	03/05/26 17:06	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/04/26 14:37	03/05/26 17:06	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 14:37	03/05/26 17:06	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/04/26 14:37	03/05/26 17:06	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/04/26 14:37	03/05/26 17:06	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/04/26 14:37	03/05/26 17:06	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 14:37	03/05/26 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*26 - 142*	*03/04/26 14:37*	*03/05/26 17:06*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/04/26 14:37*	*03/05/26 17:06*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*17 - 144*	*03/04/26 14:37*	*03/05/26 17:06*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*17 - 144*	*03/04/26 14:37*	*03/05/26 17:06*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.8	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Aluminum	**10000**		35	10	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV134-0-0.17
Lab Sample ID: 180-202362-18
Date Collected: 03/02/26 14:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		5.8	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Barium	68		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Beryllium	0.47	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Cadmium	ND		0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Calcium	19000		58	24	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Chromium	14		1.7	0.69	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Cobalt	7.8		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Copper	21		2.3	0.89	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Iron	19000		23	9.2	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Lead	17		1.7	0.69	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Magnesium	5100		23	4.6	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Manganese	390		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Nickel	18		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Potassium	1300		120	40	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Silver	ND		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Sodium	66	J	120	46	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Zinc	75		2.3	0.92	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1
Vanadium	15		1.2	0.50	mg/Kg	☼	03/07/26 07:30	03/09/26 10:55	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041	J	0.064	0.021	mg/Kg	☼	03/06/26 14:17	03/06/26 20:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.4		1.0	1.0	%			03/05/26 02:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV134-0.17-1
Lab Sample ID: 180-202362-19
Date Collected: 03/02/26 14:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	22	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Acetophenone	ND		750	130	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Anthracene	**23**	**J**	75	19	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Atrazine	ND		750	160	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Benzaldehyde	ND		750	47	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Benzo[a]anthracene	**110**		75	34	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Benzo[a]pyrene	**96**		75	32	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Benzo[b]fluoranthene	**130**		75	18	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Benzo[g,h,i]perylene	**88**		75	16	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Benzo[k]fluoranthene	**67**	**J**	75	22	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Carbazole	ND		75	18	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Chrysene	**120**		75	42	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Fluoranthene	**250**		75	20	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Fluorene	ND		75	15	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Indeno[1,2,3-cd]pyrene	**67**	**J**	75	37	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV134-0.17-1
Lab Sample ID: 180-202362-19
Date Collected: 03/02/26 14:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Naphthalene	ND		75	15	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Phenanthrene	**110**		75	20	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
Pyrene	**200**		75	26	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/04/26 14:52	03/09/26 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*03/04/26 14:52*	*03/09/26 17:37*	*1*
2-Fluorophenol (Surr)	*68*		*48 - 105*	*03/04/26 14:52*	*03/09/26 17:37*	*1*
Nitrobenzene-d5 (Surr)	*65*		*46 - 105*	*03/04/26 14:52*	*03/09/26 17:37*	*1*
Phenol-d5 (Surr)	*67*		*46 - 105*	*03/04/26 14:52*	*03/09/26 17:37*	*1*
Terphenyl-d14 (Surr)	*77*		*39 - 105*	*03/04/26 14:52*	*03/09/26 17:37*	*1*
2,4,6-Tribromophenol (Surr)	*80*		*34 - 108*	*03/04/26 14:52*	*03/09/26 17:37*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/04/26 14:37	03/05/26 17:24	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 14:37	03/05/26 17:24	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 14:37	03/05/26 17:24	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 14:37	03/05/26 17:24	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/04/26 14:37	03/05/26 17:24	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 14:37	03/05/26 17:24	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 14:37	03/05/26 17:24	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/04/26 14:37	03/05/26 17:24	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 14:37	03/05/26 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*26 - 142*	*03/04/26 14:37*	*03/05/26 17:24*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*26 - 142*	*03/04/26 14:37*	*03/05/26 17:24*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/04/26 14:37*	*03/05/26 17:24*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*17 - 144*	*03/04/26 14:37*	*03/05/26 17:24*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV134-0.17-1
Lab Sample ID: 180-202362-19
Date Collected: 03/02/26 14:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorooctanoic acid (PFOA)	**0.14**	**J**	0.19	0.058	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorodecanoic acid (PFDA)	**0.058**	**J**	0.19	0.058	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorooctanesulfonic acid (PFOS)	**0.43**		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.49	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.49	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1

Client Sample ID: SSHS-IRM5A2-SCV134-0.17-1
Lab Sample ID: 180-202362-19
Date Collected: 03/02/26 14:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.2

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.49	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.49	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	03/05/26 14:13	03/10/26 15:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*105*		*8 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C5-PFPeA	*101*		*35 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C5-PFHxA	*101*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C4-PFHpA	*103*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C8-PFOA	*104*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C9-PFNA	*97.5*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C6-PFDA	*106*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C7-PFUnA	*102*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C2 PFDoA	*87.6*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C2-PFTeDA	*70.3*		*20 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C3-PFBS	*93.5*		*40 - 135*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C3-PFHxS	*95.8*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C8-PFOS	*99.5*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C8-PFOSA	*90.6*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
d3-NMeFOSAA	*101*		*40 - 135*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
d5-NEtFOSAA	*101*		*40 - 150*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C2 4:2 FTS	*200*	*5+	*40 - 165*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C2 6:2 FTS	*124*		*40 - 215*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C2 8:2 FTS	*314*	*5+	*40 - 275*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
13C3-HFPO-DA	*95.0*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
D7-NMeFOSE	*44.6*		*20 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
D9-NEtFOSE	*38.2*		*15 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
d5-NEtPFOSA	*81.2*		*10 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*
d3-NMePFOSA	*88.2*		*10 - 130*	*03/05/26 14:13*	*03/10/26 15:07*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.5	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Aluminum	**11000**		33	9.9	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Arsenic	**7.0**		5.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Barium	**75**		0.55	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Beryllium	**0.53**	**J**	0.55	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Cadmium	**0.14**	**J**	0.55	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Calcium	**16000**		55	23	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Chromium	**16**		1.7	0.66	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Cobalt	**8.3**		0.55	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Copper	**22**		2.2	0.85	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Iron	**21000**		22	8.8	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Lead	**19**		1.7	0.66	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Magnesium	**5600**		22	4.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Manganese	**450**		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Nickel	**20**		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV134-0.17-1
Lab Sample ID: 180-202362-19
Date Collected: 03/02/26 14:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.2

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1400**		110	39	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Selenium	ND		5.5	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Sodium	**66**	**J**	110	44	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Zinc	**78**		2.2	0.88	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1
Vanadium	**17**		1.1	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:13	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.040**	**J**	0.067	0.022	mg/Kg	☼	03/06/26 14:17	03/06/26 20:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.8**		1.0	1.0	%			03/05/26 02:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-DUP-06
Lab Sample ID: 180-202362-20
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**24**	**J**	75	21	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Acetophenone	ND		750	130	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Anthracene	**66**	**J**	75	19	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Atrazine	ND		750	160	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Benzaldehyde	ND		750	46	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Benzo[a]anthracene	**220**		75	34	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Benzo[a]pyrene	**180**		75	32	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Benzo[b]fluoranthene	**250**		75	18	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Benzo[g,h,i]perylene	**150**		75	16	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Benzo[k]fluoranthene	**110**		75	22	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Carbazole	**42**	**J**	75	17	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Chrysene	**210**		75	41	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Fluoranthene	**530**		75	20	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Fluorene	ND		75	15	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Indeno[1,2,3-cd]pyrene	**110**		75	37	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1

Client Sample ID: SSHS-IRM5A2-DUP-06
Lab Sample ID: 180-202362-20

Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Naphthalene	ND		75	15	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Phenanthrene	**320**		75	20	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
Pyrene	**410**		75	26	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/04/26 14:53	03/09/26 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*03/04/26 14:53*	*03/09/26 17:58*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*03/04/26 14:53*	*03/09/26 17:58*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*	*03/04/26 14:53*	*03/09/26 17:58*	*1*
Phenol-d5 (Surr)	*71*		*46 - 105*	*03/04/26 14:53*	*03/09/26 17:58*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 105*	*03/04/26 14:53*	*03/09/26 17:58*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*34 - 108*	*03/04/26 14:53*	*03/09/26 17:58*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	03/04/26 14:37	03/05/26 17:41	1
PCB-1221	ND		18	6.5	ug/Kg	☼	03/04/26 14:37	03/05/26 17:41	1
PCB-1232	ND		18	4.5	ug/Kg	☼	03/04/26 14:37	03/05/26 17:41	1
PCB-1242	ND		18	2.7	ug/Kg	☼	03/04/26 14:37	03/05/26 17:41	1
PCB-1248	ND		18	4.4	ug/Kg	☼	03/04/26 14:37	03/05/26 17:41	1
PCB-1254	ND		18	5.5	ug/Kg	☼	03/04/26 14:37	03/05/26 17:41	1
PCB-1260	ND		18	5.2	ug/Kg	☼	03/04/26 14:37	03/05/26 17:41	1
PCB-1262	ND		18	6.5	ug/Kg	☼	03/04/26 14:37	03/05/26 17:41	1
PCB-1268	ND		18	2.5	ug/Kg	☼	03/04/26 14:37	03/05/26 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*26 - 142*	*03/04/26 14:37*	*03/05/26 17:41*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*26 - 142*	*03/04/26 14:37*	*03/05/26 17:41*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/04/26 14:37*	*03/05/26 17:41*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*17 - 144*	*03/04/26 14:37*	*03/05/26 17:41*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-DUP-06
Lab Sample ID: 180-202362-20
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorooctanoic acid (PFOA)	**0.16**	**J**	0.20	0.060	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorooctanesulfonic acid (PFOS)	**0.42**		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-DUP-06
Lab Sample ID: 180-202362-20
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/05/26 14:13	03/10/26 15:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*109*		*8 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C5-PFPeA	*103*		*35 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C5-PFHxA	*103*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C4-PFHpA	*104*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C8-PFOA	*95.6*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C9-PFNA	*85.8*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C6-PFDA	*91.7*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C7-PFUnA	*86.3*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C2 PFDoA	*73.0*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C2-PFTeDA	*62.3*		*20 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C3-PFBS	*100*		*40 - 135*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C3-PFHxS	*94.9*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C8-PFOS	*88.8*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C8-PFOSA	*78.3*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
d3-NMeFOSAA	*88.0*		*40 - 135*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
d5-NEtFOSAA	*89.1*		*40 - 150*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C2 4:2 FTS	*206*	*5+	*40 - 165*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C2 6:2 FTS	*115*		*40 - 215*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C2 8:2 FTS	*278*	*5+	*40 - 275*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
13C3-HFPO-DA	*98.9*		*40 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
D7-NMeFOSE	*44.5*		*20 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
D9-NEtFOSE	*35.0*		*15 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
d5-NEtPFOSA	*60.9*		*10 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*
d3-NMePFOSA	*64.6*		*10 - 130*	*03/05/26 14:13*	*03/10/26 15:21*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.7	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Aluminum	**11000**		34	10	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Arsenic	**7.5**		5.7	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Barium	**75**		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Beryllium	**0.52**	**J**	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Cadmium	**0.24**	**J**	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Calcium	**20000**		57	24	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Chromium	**15**		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Cobalt	**9.0**		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Copper	**22**		2.3	0.88	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Iron	**22000**		23	9.1	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Lead	**19**		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Magnesium	**5400**		23	4.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Manganese	**490**		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Nickel	**21**		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-DUP-06
Lab Sample ID: 180-202362-20
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.9

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1400		110	40	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Silver	ND		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Sodium	68	J	110	46	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Zinc	87		2.3	0.91	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1
Vanadium	16		1.1	0.49	mg/Kg	☼	03/07/26 07:30	03/09/26 11:07	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038	J	0.067	0.022	mg/Kg	☼	03/06/26 14:17	03/06/26 20:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.1		1.0	1.0	%			03/05/26 02:45	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-781565/7
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/12/26 10:36	1
Benzene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Bromoform	ND		10	5.0	ug/Kg			03/12/26 10:36	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/12/26 10:36	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/12/26 10:36	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Chloroform	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/12/26 10:36	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/12/26 10:36	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/12/26 10:36	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/12/26 10:36	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/12/26 10:36	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,4-Dioxane	ND		250	37	ug/Kg			03/12/26 10:36	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
2-Hexanone	ND		10	2.5	ug/Kg			03/12/26 10:36	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/12/26 10:36	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/12/26 10:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/12/26 10:36	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/12/26 10:36	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Styrene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/12/26 10:36	1
Toluene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/12/26 10:36	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/12/26 10:36	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/12/26 10:36	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-781565/7
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/12/26 10:36	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/12/26 10:36	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/12/26 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*		*03/12/26 10:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*		*03/12/26 10:36*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 141*		*03/12/26 10:36*	*1*
Toluene-d8 (Surr)	*94*		*52 - 141*		*03/12/26 10:36*	*1*

Lab Sample ID: LCS 410-781565/4
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	273		ug/Kg		109	52 - 142
Benzene	20.0	20.0		ug/Kg		100	80 - 120
Bromoform	20.0	16.1		ug/Kg		80	66 - 127
Bromomethane	20.0	19.5		ug/Kg		98	60 - 126
2-Butanone (MEK)	250	231		ug/Kg		92	62 - 132
Carbon disulfide	20.0	17.7		ug/Kg		89	56 - 125
Carbon tetrachloride	20.0	16.7		ug/Kg		83	70 - 120
Chlorobenzene	20.0	17.8		ug/Kg		89	74 - 120
Chlorobromomethane	20.0	18.9		ug/Kg		94	79 - 124
Chlorodibromomethane	20.0	16.8		ug/Kg		84	77 - 125
Chloroethane	20.0	20.8		ug/Kg		104	55 - 127
Chloroform	20.0	18.8		ug/Kg		94	73 - 120
Chloromethane	20.0	20.5		ug/Kg		103	50 - 120
cis-1,2-Dichloroethene	20.0	19.7		ug/Kg		98	80 - 125
cis-1,3-Dichloropropene	20.0	18.7		ug/Kg		93	73 - 120
Cyclohexane	20.0	18.8		ug/Kg		94	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	14.7		ug/Kg		73	61 - 120
1,2-Dibromoethane	20.0	18.1		ug/Kg		91	76 - 120
1,2-Dichlorobenzene	20.0	17.6		ug/Kg		88	74 - 120
1,3-Dichlorobenzene	20.0	17.0		ug/Kg		85	75 - 120
1,4-Dichlorobenzene	20.0	17.8		ug/Kg		89	76 - 122
Dichlorobromomethane	20.0	19.1		ug/Kg		95	77 - 120
Dichlorodifluoromethane	20.0	17.9		ug/Kg		90	44 - 120
1,1-Dichloroethane	20.0	19.8		ug/Kg		99	76 - 120
1,2-Dichloroethane	20.0	18.2		ug/Kg		91	72 - 124
1,1-Dichloroethene	20.0	21.2		ug/Kg		106	73 - 129
1,2-Dichloroethene, Total	40.0	39.0		ug/Kg		98	74 - 120
1,2-Dichloropropane	20.0	20.6		ug/Kg		103	70 - 124
1,4-Dioxane	500	524		ug/Kg		105	41 - 177
Ethylbenzene	20.0	18.2		ug/Kg		91	72 - 118

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-781565/4
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	250	225		ug/Kg		90	64 - 140
Isopropylbenzene	20.0	17.8		ug/Kg		89	77 - 134
Methyl acetate	20.0	19.2		ug/Kg		96	59 - 137
Methylcyclohexane	20.0	18.1		ug/Kg		90	61 - 124
Methylene Chloride	20.0	20.7		ug/Kg		104	76 - 122
4-Methyl-2-pentanone (MIBK)	250	245		ug/Kg		98	67 - 138
Methyl tert-butyl ether	20.0	17.6		ug/Kg		88	63 - 120
m-Xylene & p-Xylene	40.0	35.4		ug/Kg		88	80 - 120
o-Xylene	20.0	17.7		ug/Kg		89	75 - 120
Styrene	20.0	17.8		ug/Kg		89	76 - 120
1,1,2,2-Tetrachloroethane	20.0	19.2		ug/Kg		96	69 - 125
Tetrachloroethene	20.0	16.3		ug/Kg		81	73 - 120
Toluene	20.0	18.1		ug/Kg		90	71 - 120
trans-1,2-Dichloroethene	20.0	19.3		ug/Kg		96	71 - 126
trans-1,3-Dichloropropene	20.0	18.0		ug/Kg		90	76 - 122
1,2,3-Trichlorobenzene	20.0	16.0		ug/Kg		80	64 - 123
1,2,4-Trichlorobenzene	20.0	16.4		ug/Kg		82	69 - 124
1,1,1-Trichloroethane	20.0	17.6		ug/Kg		88	69 - 123
1,1,2-Trichloroethane	20.0	19.5		ug/Kg		98	76 - 120
Trichloroethene	20.0	18.7		ug/Kg		94	72 - 120
Trichlorofluoromethane	20.0	14.0		ug/Kg		70	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.4		ug/Kg		92	53 - 126
Vinyl chloride	20.0	19.6		ug/Kg		98	52 - 120
Xylenes, Total	60.0	53.1		ug/Kg		89	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*50 - 131*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*
Dibromofluoromethane (Surr)	*97*		*50 - 141*
Toluene-d8 (Surr)	*94*		*52 - 141*

Lab Sample ID: LCSD 410-781565/5
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	296		ug/Kg		119	52 - 142	8	30
Benzene	20.0	20.1		ug/Kg		101	80 - 120	1	30
Bromoform	20.0	16.3		ug/Kg		82	66 - 127	1	30
Bromomethane	20.0	19.4		ug/Kg		97	60 - 126	1	30
2-Butanone (MEK)	250	225		ug/Kg		90	62 - 132	3	30
Carbon disulfide	20.0	17.8		ug/Kg		89	56 - 125	1	30
Carbon tetrachloride	20.0	16.6		ug/Kg		83	70 - 120	1	30
Chlorobenzene	20.0	17.9		ug/Kg		90	74 - 120	1	30
Chlorobromomethane	20.0	19.0		ug/Kg		95	79 - 124	1	30
Chlorodibromomethane	20.0	17.4		ug/Kg		87	77 - 125	4	30
Chloroethane	20.0	20.1		ug/Kg		101	55 - 127	3	30
Chloroform	20.0	19.1		ug/Kg		96	73 - 120	2	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-781565/5
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			20.0	20.9		ug/Kg		104	50 - 120	2	30
cis-1,2-Dichloroethene			20.0	20.0		ug/Kg		100	80 - 125	1	30
cis-1,3-Dichloropropene			20.0	19.2		ug/Kg		96	73 - 120	3	30
Cyclohexane			20.0	18.9		ug/Kg		94	58 - 120	0	30
1,2-Dibromo-3-Chloropropane			20.0	14.5		ug/Kg		73	61 - 120	1	30
1,2-Dibromoethane			20.0	18.6		ug/Kg		93	76 - 120	3	30
1,2-Dichlorobenzene			20.0	17.9		ug/Kg		90	74 - 120	2	30
1,3-Dichlorobenzene			20.0	17.6		ug/Kg		88	75 - 120	3	30
1,4-Dichlorobenzene			20.0	18.1		ug/Kg		91	76 - 122	2	30
Dichlorobromomethane			20.0	19.6		ug/Kg		98	77 - 120	2	30
Dichlorodifluoromethane			20.0	17.8		ug/Kg		89	44 - 120	1	30
1,1-Dichloroethane			20.0	19.8		ug/Kg		99	76 - 120	0	30
1,2-Dichloroethane			20.0	18.6		ug/Kg		93	72 - 124	2	30
1,1-Dichloroethene			20.0	20.8		ug/Kg		104	73 - 129	2	30
1,2-Dichloroethene, Total			40.0	39.5		ug/Kg		99	74 - 120	1	30
1,2-Dichloropropane			20.0	20.6		ug/Kg		103	70 - 124	0	30
1,4-Dioxane			500	531		ug/Kg		106	41 - 177	1	30
Ethylbenzene			20.0	18.3		ug/Kg		92	72 - 118	1	30
2-Hexanone			250	223		ug/Kg		89	64 - 140	1	30
Isopropylbenzene			20.0	17.9		ug/Kg		90	77 - 134	1	30
Methyl acetate			20.0	18.6		ug/Kg		93	59 - 137	3	30
Methylcyclohexane			20.0	18.2		ug/Kg		91	61 - 124	1	30
Methylene Chloride			20.0	20.5		ug/Kg		102	76 - 122	1	30
4-Methyl-2-pentanone (MIBK)			250	240		ug/Kg		96	67 - 138	2	30
Methyl tert-butyl ether			20.0	17.7		ug/Kg		89	63 - 120	1	30
m-Xylene & p-Xylene			40.0	35.6		ug/Kg		89	80 - 120	1	30
o-Xylene			20.0	17.9		ug/Kg		89	75 - 120	1	30
Styrene			20.0	18.2		ug/Kg		91	76 - 120	2	30
1,1,2,2-Tetrachloroethane			20.0	19.4		ug/Kg		97	69 - 125	1	30
Tetrachloroethene			20.0	16.5		ug/Kg		82	73 - 120	1	30
Toluene			20.0	18.4		ug/Kg		92	71 - 120	2	30
trans-1,2-Dichloroethene			20.0	19.5		ug/Kg		98	71 - 126	1	30
trans-1,3-Dichloropropene			20.0	18.4		ug/Kg		92	76 - 122	2	30
1,2,3-Trichlorobenzene			20.0	16.1		ug/Kg		81	64 - 123	1	30
1,2,4-Trichlorobenzene			20.0	16.8		ug/Kg		84	69 - 124	2	30
1,1,1-Trichloroethane			20.0	17.4		ug/Kg		87	69 - 123	1	30
1,1,2-Trichloroethane			20.0	19.5		ug/Kg		98	76 - 120	0	30
Trichloroethene			20.0	19.0		ug/Kg		95	72 - 120	1	30
Trichlorofluoromethane			20.0	13.8		ug/Kg		69	58 - 120	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	18.1		ug/Kg		91	53 - 126	1	30
Vinyl chloride			20.0	19.8		ug/Kg		99	52 - 120	1	30
Xylenes, Total			60.0	53.5		ug/Kg		89	75 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*
Dibromofluoromethane (Surr)	*97*		*50 - 141*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-781565/5
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	95		52 - 141

Lab Sample ID: MB 410-782285/7
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/13/26 10:40	1
Benzene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Bromoform	ND		10	5.0	ug/Kg			03/13/26 10:40	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/13/26 10:40	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/13/26 10:40	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
Chloroform	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/13/26 10:40	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/13/26 10:40	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/13/26 10:40	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/13/26 10:40	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/13/26 10:40	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,4-Dioxane	ND		250	37	ug/Kg			03/13/26 10:40	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
2-Hexanone	ND		10	2.5	ug/Kg			03/13/26 10:40	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/13/26 10:40	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/13/26 10:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/13/26 10:40	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/13/26 10:40	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
Styrene	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-782285/7
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/13/26 10:40	1
Toluene	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/13/26 10:40	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/13/26 10:40	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/13/26 10:40	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/13/26 10:40	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/13/26 10:40	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/13/26 10:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*		*03/13/26 10:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*		*03/13/26 10:40*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 141*		*03/13/26 10:40*	*1*
Toluene-d8 (Surr)	*92*		*52 - 141*		*03/13/26 10:40*	*1*

Lab Sample ID: LCS 410-782285/56
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	274		ug/Kg		110	52 - 142
Benzene	20.0	18.9		ug/Kg		95	80 - 120
Bromoform	20.0	16.1		ug/Kg		81	66 - 127
Bromomethane	20.0	17.4		ug/Kg		87	60 - 126
2-Butanone (MEK)	250	212		ug/Kg		85	62 - 132
Carbon disulfide	20.0	16.3		ug/Kg		82	56 - 125
Carbon tetrachloride	20.0	15.9		ug/Kg		79	70 - 120
Chlorobenzene	20.0	17.0		ug/Kg		85	74 - 120
Chlorobromomethane	20.0	18.0		ug/Kg		90	79 - 124
Chlorodibromomethane	20.0	16.6		ug/Kg		83	77 - 125
Chloroethane	20.0	18.4		ug/Kg		92	55 - 127
Chloroform	20.0	18.2		ug/Kg		91	73 - 120
Chloromethane	20.0	17.4		ug/Kg		87	50 - 120
cis-1,2-Dichloroethene	20.0	18.4		ug/Kg		92	80 - 125
cis-1,3-Dichloropropene	20.0	18.3		ug/Kg		91	73 - 120
Cyclohexane	20.0	18.2		ug/Kg		91	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	15.0		ug/Kg		75	61 - 120
1,2-Dibromoethane	20.0	17.7		ug/Kg		88	76 - 120
1,2-Dichlorobenzene	20.0	17.2		ug/Kg		86	74 - 120
1,3-Dichlorobenzene	20.0	16.4		ug/Kg		82	75 - 120
1,4-Dichlorobenzene	20.0	17.2		ug/Kg		86	76 - 122
Dichlorobromomethane	20.0	18.8		ug/Kg		94	77 - 120
Dichlorodifluoromethane	20.0	14.7		ug/Kg		73	44 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-782285/56
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	18.5		ug/Kg		93	76 - 120
1,2-Dichloroethane	20.0	18.1		ug/Kg		90	72 - 124
1,1-Dichloroethene	20.0	19.6		ug/Kg		98	73 - 129
1,2-Dichloroethene, Total	40.0	36.4		ug/Kg		91	74 - 120
1,2-Dichloropropane	20.0	19.5		ug/Kg		98	70 - 124
1,4-Dioxane	500	517		ug/Kg		103	41 - 177
Ethylbenzene	20.0	17.3		ug/Kg		86	72 - 118
2-Hexanone	250	206		ug/Kg		82	64 - 140
Isopropylbenzene	20.0	17.0		ug/Kg		85	77 - 134
Methyl acetate	20.0	17.5		ug/Kg		87	59 - 137
Methylcyclohexane	20.0	18.0		ug/Kg		90	61 - 124
Methylene Chloride	20.0	18.9		ug/Kg		94	76 - 122
4-Methyl-2-pentanone (MIBK)	250	226		ug/Kg		91	67 - 138
Methyl tert-butyl ether	20.0	17.2		ug/Kg		86	63 - 120
m-Xylene & p-Xylene	40.0	33.3		ug/Kg		83	80 - 120
o-Xylene	20.0	16.8		ug/Kg		84	75 - 120
Styrene	20.0	17.1		ug/Kg		86	76 - 120
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/Kg		97	69 - 125
Tetrachloroethene	20.0	15.2		ug/Kg		76	73 - 120
Toluene	20.0	17.1		ug/Kg		86	71 - 120
trans-1,2-Dichloroethene	20.0	18.0		ug/Kg		90	71 - 126
trans-1,3-Dichloropropene	20.0	17.6		ug/Kg		88	76 - 122
1,2,3-Trichlorobenzene	20.0	15.3		ug/Kg		76	64 - 123
1,2,4-Trichlorobenzene	20.0	15.5		ug/Kg		77	69 - 124
1,1,1-Trichloroethane	20.0	16.8		ug/Kg		84	69 - 123
1,1,2-Trichloroethane	20.0	19.2		ug/Kg		96	76 - 120
Trichloroethene	20.0	18.0		ug/Kg		90	72 - 120
Trichlorofluoromethane	20.0	13.5		ug/Kg		68	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.1		ug/Kg		86	53 - 126
Vinyl chloride	20.0	17.4		ug/Kg		87	52 - 120
Xylenes, Total	60.0	50.1		ug/Kg		84	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*50 - 131*
1,2-Dichloroethane-d4 (Surr)	*97*		*54 - 135*
Dibromofluoromethane (Surr)	*96*		*50 - 141*
Toluene-d8 (Surr)	*94*		*52 - 141*

Lab Sample ID: LCSD 410-782285/57
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	256		ug/Kg		102	52 - 142	7	30
Benzene	20.0	18.8		ug/Kg		94	80 - 120	1	30
Bromoform	20.0	16.4		ug/Kg		82	66 - 127	1	30
Bromomethane	20.0	18.6		ug/Kg		93	60 - 126	7	30
2-Butanone (MEK)	250	219		ug/Kg		88	62 - 132	3	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-782285/57
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon disulfide			20.0	16.7		ug/Kg		83	56 - 125	2	30
Carbon tetrachloride			20.0	16.0		ug/Kg		80	70 - 120	1	30
Chlorobenzene			20.0	17.0		ug/Kg		85	74 - 120	0	30
Chlorobromomethane			20.0	18.0		ug/Kg		90	79 - 124	0	30
Chlorodibromomethane			20.0	17.1		ug/Kg		85	77 - 125	3	30
Chloroethane			20.0	19.4		ug/Kg		97	55 - 127	6	30
Chloroform			20.0	18.2		ug/Kg		91	73 - 120	0	30
Chloromethane			20.0	18.3		ug/Kg		91	50 - 120	5	30
cis-1,2-Dichloroethene			20.0	18.8		ug/Kg		94	80 - 125	2	30
cis-1,3-Dichloropropene			20.0	18.4		ug/Kg		92	73 - 120	0	30
Cyclohexane			20.0	17.8		ug/Kg		89	58 - 120	2	30
1,2-Dibromo-3-Chloropropane			20.0	15.5		ug/Kg		77	61 - 120	3	30
1,2-Dibromoethane			20.0	18.0		ug/Kg		90	76 - 120	2	30
1,2-Dichlorobenzene			20.0	17.3		ug/Kg		87	74 - 120	1	30
1,3-Dichlorobenzene			20.0	16.3		ug/Kg		82	75 - 120	0	30
1,4-Dichlorobenzene			20.0	17.2		ug/Kg		86	76 - 122	0	30
Dichlorobromomethane			20.0	18.8		ug/Kg		94	77 - 120	0	30
Dichlorodifluoromethane			20.0	15.2		ug/Kg		76	44 - 120	3	30
1,1-Dichloroethane			20.0	18.5		ug/Kg		92	76 - 120	0	30
1,2-Dichloroethane			20.0	18.4		ug/Kg		92	72 - 124	2	30
1,1-Dichloroethene			20.0	19.8		ug/Kg		99	73 - 129	1	30
1,2-Dichloroethene, Total			40.0	36.9		ug/Kg		92	74 - 120	1	30
1,2-Dichloropropane			20.0	19.5		ug/Kg		97	70 - 124	0	30
1,4-Dioxane			500	499		ug/Kg		100	41 - 177	4	30
Ethylbenzene			20.0	17.3		ug/Kg		87	72 - 118	0	30
2-Hexanone			250	211		ug/Kg		84	64 - 140	2	30
Isopropylbenzene			20.0	17.0		ug/Kg		85	77 - 134	0	30
Methyl acetate			20.0	16.6		ug/Kg		83	59 - 137	5	30
Methylcyclohexane			20.0	18.0		ug/Kg		90	61 - 124	0	30
Methylene Chloride			20.0	19.1		ug/Kg		96	76 - 122	1	30
4-Methyl-2-pentanone (MIBK)			250	234		ug/Kg		93	67 - 138	3	30
Methyl tert-butyl ether			20.0	17.3		ug/Kg		86	63 - 120	0	30
m-Xylene & p-Xylene			40.0	33.6		ug/Kg		84	80 - 120	1	30
o-Xylene			20.0	16.9		ug/Kg		85	75 - 120	1	30
Styrene			20.0	17.3		ug/Kg		87	76 - 120	1	30
1,1,2,2-Tetrachloroethane			20.0	19.6		ug/Kg		98	69 - 125	1	30
Tetrachloroethene			20.0	15.1		ug/Kg		75	73 - 120	1	30
Toluene			20.0	17.2		ug/Kg		86	71 - 120	1	30
trans-1,2-Dichloroethene			20.0	18.1		ug/Kg		90	71 - 126	1	30
trans-1,3-Dichloropropene			20.0	17.8		ug/Kg		89	76 - 122	1	30
1,2,3-Trichlorobenzene			20.0	15.5		ug/Kg		78	64 - 123	2	30
1,2,4-Trichlorobenzene			20.0	15.8		ug/Kg		79	69 - 124	2	30
1,1,1-Trichloroethane			20.0	16.8		ug/Kg		84	69 - 123	0	30
1,1,2-Trichloroethane			20.0	19.3		ug/Kg		96	76 - 120	0	30
Trichloroethene			20.0	17.9		ug/Kg		89	72 - 120	1	30
Trichlorofluoromethane			20.0	13.5		ug/Kg		68	58 - 120	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	17.7		ug/Kg		89	53 - 126	4	30
Vinyl chloride			20.0	18.2		ug/Kg		91	52 - 120	5	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-782285/57
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total			60.0	50.5		ug/Kg		84	75 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*50 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*54 - 135*
Dibromofluoromethane (Surr)	*96*		*50 - 141*
Toluene-d8 (Surr)	*94*		*52 - 141*

Lab Sample ID: MB 410-783114/7
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/15/26 20:40	1
Benzene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Bromoform	ND		10	5.0	ug/Kg			03/15/26 20:40	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/15/26 20:40	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/15/26 20:40	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
Chloroform	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/15/26 20:40	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/15/26 20:40	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/15/26 20:40	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/15/26 20:40	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/15/26 20:40	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,4-Dioxane	ND		250	37	ug/Kg			03/15/26 20:40	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
2-Hexanone	ND		10	2.5	ug/Kg			03/15/26 20:40	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/15/26 20:40	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/15/26 20:40	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-783114/7
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/15/26 20:40	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/15/26 20:40	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
Styrene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/15/26 20:40	1
Toluene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/15/26 20:40	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/15/26 20:40	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/15/26 20:40	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/15/26 20:40	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/15/26 20:40	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/15/26 20:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*		*03/15/26 20:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*54 - 135*		*03/15/26 20:40*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 141*		*03/15/26 20:40*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*		*03/15/26 20:40*	*1*

Lab Sample ID: LCS 410-783114/4
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	256		ug/Kg		102	52 - 142
Benzene	20.0	21.5		ug/Kg		108	80 - 120
Bromoform	20.0	18.4		ug/Kg		92	66 - 127
Bromomethane	20.0	19.5		ug/Kg		98	60 - 126
2-Butanone (MEK)	250	241		ug/Kg		97	62 - 132
Carbon disulfide	20.0	18.6		ug/Kg		93	56 - 125
Carbon tetrachloride	20.0	19.1		ug/Kg		95	70 - 120
Chlorobenzene	20.0	21.0		ug/Kg		105	74 - 120
Chlorobromomethane	20.0	20.9		ug/Kg		105	79 - 124
Chlorodibromomethane	20.0	19.9		ug/Kg		99	77 - 125
Chloroethane	20.0	19.7		ug/Kg		98	55 - 127
Chloroform	20.0	20.4		ug/Kg		102	73 - 120
Chloromethane	20.0	16.9		ug/Kg		84	50 - 120
cis-1,2-Dichloroethene	20.0	21.2		ug/Kg		106	80 - 125
cis-1,3-Dichloropropene	20.0	20.1		ug/Kg		101	73 - 120
Cyclohexane	20.0	18.9		ug/Kg		94	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.7		ug/Kg		93	61 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-783114/4
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	20.0	20.3		ug/Kg		102	76 - 120
1,2-Dichlorobenzene	20.0	20.5		ug/Kg		102	74 - 120
1,3-Dichlorobenzene	20.0	20.8		ug/Kg		104	75 - 120
1,4-Dichlorobenzene	20.0	20.6		ug/Kg		103	76 - 122
Dichlorobromomethane	20.0	20.1		ug/Kg		101	77 - 120
Dichlorodifluoromethane	20.0	13.7		ug/Kg		68	44 - 120
1,1-Dichloroethane	20.0	21.9		ug/Kg		110	76 - 120
1,2-Dichloroethane	20.0	19.6		ug/Kg		98	72 - 124
1,1-Dichloroethene	20.0	21.8		ug/Kg		109	73 - 129
1,2-Dichloroethene, Total	40.0	42.1		ug/Kg		105	74 - 120
1,2-Dichloropropane	20.0	21.9		ug/Kg		109	70 - 124
1,4-Dioxane	500	539		ug/Kg		108	41 - 177
Ethylbenzene	20.0	20.7		ug/Kg		103	72 - 118
2-Hexanone	250	246		ug/Kg		98	64 - 140
Isopropylbenzene	20.0	20.5		ug/Kg		103	77 - 134
Methyl acetate	20.0	19.8		ug/Kg		99	59 - 137
Methylcyclohexane	20.0	18.2		ug/Kg		91	61 - 124
Methylene Chloride	20.0	22.1		ug/Kg		111	76 - 122
4-Methyl-2-pentanone (MIBK)	250	250		ug/Kg		100	67 - 138
Methyl tert-butyl ether	20.0	19.5		ug/Kg		98	63 - 120
m-Xylene & p-Xylene	40.0	41.1		ug/Kg		103	80 - 120
o-Xylene	20.0	20.5		ug/Kg		103	75 - 120
Styrene	20.0	20.5		ug/Kg		102	76 - 120
1,1,2,2-Tetrachloroethane	20.0	21.6		ug/Kg		108	69 - 125
Tetrachloroethene	20.0	19.4		ug/Kg		97	73 - 120
Toluene	20.0	20.8		ug/Kg		104	71 - 120
trans-1,2-Dichloroethene	20.0	20.9		ug/Kg		104	71 - 126
trans-1,3-Dichloropropene	20.0	21.0		ug/Kg		105	76 - 122
1,2,3-Trichlorobenzene	20.0	19.1		ug/Kg		95	64 - 123
1,2,4-Trichlorobenzene	20.0	19.5		ug/Kg		98	69 - 124
1,1,1-Trichloroethane	20.0	19.4		ug/Kg		97	69 - 123
1,1,2-Trichloroethane	20.0	21.1		ug/Kg		106	76 - 120
Trichloroethene	20.0	20.3		ug/Kg		101	72 - 120
Trichlorofluoromethane	20.0	13.5		ug/Kg		67	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.3		ug/Kg		91	53 - 126
Vinyl chloride	20.0	18.6		ug/Kg		93	52 - 120
Xylenes, Total	60.0	61.6		ug/Kg		103	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*
Dibromofluoromethane (Surr)	*100*		*50 - 141*
Toluene-d8 (Surr)	*102*		*52 - 141*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783114/5
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			260	253		ug/Kg		97	52 - 142	1	30
Benzene			20.8	21.3		ug/Kg		103	80 - 120	1	30
Bromoform			20.8	18.3		ug/Kg		88	66 - 127	1	30
Bromomethane			20.0	19.0		ug/Kg		95	60 - 126	3	30
2-Butanone (MEK)			260	236		ug/Kg		91	62 - 132	2	30
Carbon disulfide			20.8	18.3		ug/Kg		88	56 - 125	1	30
Carbon tetrachloride			20.8	19.0		ug/Kg		91	70 - 120	1	30
Chlorobenzene			20.8	20.9		ug/Kg		100	74 - 120	1	30
Chlorobromomethane			20.8	20.8		ug/Kg		100	79 - 124	1	30
Chlorodibromomethane			20.8	19.7		ug/Kg		95	77 - 125	1	30
Chloroethane			20.0	19.7		ug/Kg		98	55 - 127	0	30
Chloroform			20.8	20.2		ug/Kg		97	73 - 120	1	30
Chloromethane			20.0	17.8		ug/Kg		89	50 - 120	5	30
cis-1,2-Dichloroethene			20.8	21.2		ug/Kg		102	80 - 125	0	30
cis-1,3-Dichloropropene			20.8	19.9		ug/Kg		96	73 - 120	1	30
Cyclohexane			20.8	18.7		ug/Kg		90	58 - 120	1	30
1,2-Dibromo-3-Chloropropane			20.8	18.1		ug/Kg		87	61 - 120	3	30
1,2-Dibromoethane			20.8	20.1		ug/Kg		97	76 - 120	1	30
1,2-Dichlorobenzene			20.8	20.5		ug/Kg		98	74 - 120	0	30
1,3-Dichlorobenzene			20.8	20.5		ug/Kg		99	75 - 120	1	30
1,4-Dichlorobenzene			20.8	20.5		ug/Kg		99	76 - 122	0	30
Dichlorobromomethane			20.8	19.9		ug/Kg		96	77 - 120	1	30
Dichlorodifluoromethane			20.0	13.8		ug/Kg		69	44 - 120	1	30
1,1-Dichloroethane			20.8	22.0		ug/Kg		106	76 - 120	0	30
1,2-Dichloroethane			20.8	19.4		ug/Kg		93	72 - 124	1	30
1,1-Dichloroethene			20.8	21.6		ug/Kg		104	73 - 129	1	30
1,2-Dichloroethene, Total			41.6	41.9		ug/Kg		101	74 - 120	0	30
1,2-Dichloropropane			20.8	21.8		ug/Kg		105	70 - 124	0	30
1,4-Dioxane			520	537		ug/Kg		103	41 - 177	0	30
Ethylbenzene			20.8	20.6		ug/Kg		99	72 - 118	1	30
2-Hexanone			260	241		ug/Kg		93	64 - 140	2	30
Isopropylbenzene			20.8	20.3		ug/Kg		98	77 - 134	1	30
Methyl acetate			20.8	19.6		ug/Kg		94	59 - 137	1	30
Methylcyclohexane			20.8	18.0		ug/Kg		87	61 - 124	1	30
Methylene Chloride			20.8	22.0		ug/Kg		106	76 - 122	1	30
4-Methyl-2-pentanone (MIBK)			260	250		ug/Kg		96	67 - 138	0	30
Methyl tert-butyl ether			20.8	19.3		ug/Kg		93	63 - 120	1	30
m-Xylene & p-Xylene			41.6	40.8		ug/Kg		98	80 - 120	1	30
o-Xylene			20.8	20.5		ug/Kg		98	75 - 120	0	30
Styrene			20.8	20.1		ug/Kg		97	76 - 120	2	30
1,1,2,2-Tetrachloroethane			20.8	20.7		ug/Kg		100	69 - 125	4	30
Tetrachloroethene			20.8	19.3		ug/Kg		93	73 - 120	1	30
Toluene			20.8	20.8		ug/Kg		100	71 - 120	0	30
trans-1,2-Dichloroethene			20.8	20.7		ug/Kg		99	71 - 126	1	30
trans-1,3-Dichloropropene			20.8	20.6		ug/Kg		99	76 - 122	2	30
1,2,3-Trichlorobenzene			20.8	18.9		ug/Kg		91	64 - 123	1	30
1,2,4-Trichlorobenzene			20.8	19.1		ug/Kg		92	69 - 124	2	30
1,1,1-Trichloroethane			20.8	19.2		ug/Kg		92	69 - 123	1	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783114/5
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			20.8	20.7		ug/Kg		99	76 - 120	2	30
Trichloroethene			20.8	20.3		ug/Kg		97	72 - 120	0	30
Trichlorofluoromethane			20.0	13.5		ug/Kg		67	58 - 120	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.8	18.2		ug/Kg		87	53 - 126	0	30
Vinyl chloride			20.0	17.5		ug/Kg		87	52 - 120	7	30
Xylenes, Total			62.4	61.3		ug/Kg		98	75 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
Toluene-d8 (Surr)	*102*		*52 - 141*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-510843/1-A
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510843

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Acenaphthylene	ND		67	15	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Acetophenone	ND		670	120	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Anthracene	ND		67	17	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Atrazine	ND		670	150	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Benzaldehyde	ND		670	41	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Benzo[a]anthracene	ND		67	30	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Benzo[a]pyrene	ND		67	29	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
1,1'-Biphenyl	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Bis(2-chloroethyl)ether	ND		67	21	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Butyl benzyl phthalate	ND		1700	230	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Caprolactam	ND		1700	220	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Carbazole	ND		67	16	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
4-Chloroaniline	ND		330	88	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2-Chloronaphthalene	ND		67	15	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2-Chlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Chrysene	ND		67	37	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Dibenzofuran	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		03/04/26 05:24	03/05/26 09:31	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-510843/1-A
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510843

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		67	26	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Diethyl phthalate	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Dimethyl phthalate	ND		670	370	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Di-n-butyl phthalate	ND		3300	690	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
1,4-Dioxane	ND		670	210	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Fluoranthene	ND		67	18	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Fluorene	ND		67	13	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Hexachlorobenzene	ND		67	24	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Hexachlorobutadiene	ND		67	20	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Hexachlorocyclopentadiene	ND		330	90	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Hexachloroethane	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Isophorone	ND		330	130	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2-Methylnaphthalene	ND		67	16	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2-Methylphenol	ND		330	96	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Naphthalene	ND		67	13	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2-Nitroaniline	ND		1700	150	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
3-Nitroaniline	ND		1700	85	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
4-Nitroaniline	ND		1700	120	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Nitrobenzene	ND		670	120	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2-Nitrophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
4-Nitrophenol	ND		1700	230	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Pentachlorophenol	ND		1700	540	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Phenanthrene	ND		67	18	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Phenol	ND		330	100	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
Pyrene	ND		67	24	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:31	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 09:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*44 - 105*	*03/04/26 05:24*	*03/05/26 09:31*	*1*
2-Fluorophenol (Surr)	*76*		*48 - 105*	*03/04/26 05:24*	*03/05/26 09:31*	*1*
Nitrobenzene-d5 (Surr)	*73*		*46 - 105*	*03/04/26 05:24*	*03/05/26 09:31*	*1*
Phenol-d5 (Surr)	*76*		*46 - 105*	*03/04/26 05:24*	*03/05/26 09:31*	*1*
Terphenyl-d14 (Surr)	*85*		*39 - 105*	*03/04/26 05:24*	*03/05/26 09:31*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*34 - 108*	*03/04/26 05:24*	*03/05/26 09:31*	*1*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510843/2-A
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510843

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	4770		ug/Kg		72	50 - 100
Acenaphthylene	6670	4530		ug/Kg		68	52 - 100
Acetophenone	6670	4880		ug/Kg		73	48 - 100
Anthracene	6670	4400		ug/Kg		66	53 - 100
Atrazine	6670	5170		ug/Kg		77	49 - 103
Benzaldehyde	6670	3190		ug/Kg		48	23 - 105
Benzo[a]anthracene	6670	4550		ug/Kg		68	51 - 100
Benzo[a]pyrene	6670	4570		ug/Kg		69	51 - 100
Benzo[b]fluoranthene	6670	4300		ug/Kg		64	48 - 100
Benzo[g,h,i]perylene	6670	5100		ug/Kg		76	48 - 105
Benzo[k]fluoranthene	6670	5060		ug/Kg		76	19 - 100
1,1'-Biphenyl	6670	4540		ug/Kg		68	50 - 100
Bis(2-chloroethoxy)methane	6670	4410		ug/Kg		66	49 - 100
Bis(2-chloroethyl)ether	6670	4340		ug/Kg		65	48 - 100
Bis(2-ethylhexyl) phthalate	6670	4010		ug/Kg		60	53 - 107
4-Bromophenyl phenyl ether	6670	4880		ug/Kg		73	52 - 101
Butyl benzyl phthalate	6670	4150		ug/Kg		62	52 - 107
Caprolactam	6670	6390		ug/Kg		96	48 - 111
Carbazole	6670	4670		ug/Kg		70	53 - 100
4-Chloroaniline	6670	4870		ug/Kg		73	47 - 100
4-Chloro-3-methylphenol	6670	5170		ug/Kg		78	49 - 106
2-Chloronaphthalene	6670	4400		ug/Kg		66	51 - 100
2-Chlorophenol	6670	4850		ug/Kg		73	51 - 100
4-Chlorophenyl phenyl ether	6670	5540		ug/Kg		83	52 - 100
Chrysene	6670	4740		ug/Kg		71	50 - 100
Dibenz(a,h)anthracene	6670	4870		ug/Kg		73	50 - 107
Dibenzofuran	6670	4830		ug/Kg		73	52 - 100
3,3'-Dichlorobenzidine	6670	4790		ug/Kg		72	43 - 100
2,4-Dichlorophenol	6670	5020		ug/Kg		75	53 - 101
Diethyl phthalate	6670	5150		ug/Kg		77	48 - 104
2,4-Dimethylphenol	6670	4830		ug/Kg		72	51 - 101
Dimethyl phthalate	6670	5220		ug/Kg		78	53 - 100
Di-n-butyl phthalate	6670	4580		ug/Kg		69	57 - 102
4,6-Dinitro-2-methylphenol	13300	11100		ug/Kg		83	51 - 100
2,4-Dinitrophenol	13300	13200		ug/Kg		99	33 - 101
2,4-Dinitrotoluene	6670	5960		ug/Kg		89	54 - 104
2,6-Dinitrotoluene	6670	5190		ug/Kg		78	51 - 106
Di-n-octyl phthalate	6670	3690		ug/Kg		55	41 - 106
1,4-Dioxane	6670	4150		ug/Kg		62	25 - 125
Fluoranthene	6670	5530		ug/Kg		83	55 - 100
Fluorene	6670	4880		ug/Kg		73	52 - 100
Hexachlorobenzene	6670	4780		ug/Kg		72	49 - 100
Hexachlorobutadiene	6670	5600		ug/Kg		84	38 - 107
Hexachlorocyclopentadiene	6670	3930		ug/Kg		59	33 - 117
Hexachloroethane	6670	4280		ug/Kg		64	47 - 100
Indeno[1,2,3-cd]pyrene	6670	4920		ug/Kg		74	51 - 103
Isophorone	6670	4860		ug/Kg		73	48 - 105
2-Methylnaphthalene	6670	5150		ug/Kg		77	53 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510843/2-A
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510843

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	6670	4890		ug/Kg		73	50 - 101
Methylphenol, 3 & 4	6670	5220		ug/Kg		78	50 - 103
Naphthalene	6670	4740		ug/Kg		71	51 - 100
2-Nitroaniline	6670	4670		ug/Kg		70	42 - 123
3-Nitroaniline	6670	5230		ug/Kg		78	50 - 103
4-Nitroaniline	6670	5690		ug/Kg		85	52 - 103
Nitrobenzene	6670	4440		ug/Kg		67	44 - 108
2-Nitrophenol	6670	5210		ug/Kg		78	55 - 107
4-Nitrophenol	13300	11600		ug/Kg		87	30 - 134
N-Nitrosodi-n-propylamine	6670	4750		ug/Kg		71	45 - 107
N-Nitrosodiphenylamine	6670	4450		ug/Kg		67	52 - 100
2,2'-oxybis[1-chloropropane]	6670	3400		ug/Kg		51	30 - 113
Pentachlorophenol	13300	9380		ug/Kg		70	42 - 110
Phenanthrene	6670	4390		ug/Kg		66	53 - 100
Phenol	6670	4620		ug/Kg		69	49 - 100
Pyrene	6670	4430		ug/Kg		67	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	4990		ug/Kg		75	41 - 104
2,3,4,6-Tetrachlorophenol	6670	5580		ug/Kg		84	47 - 104
2,4,5-Trichlorophenol	6670	5170		ug/Kg		78	50 - 104
2,4,6-Trichlorophenol	6670	5060		ug/Kg		76	50 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*67*		*44 - 105*
2-Fluorophenol (Surr)	*70*		*48 - 105*
Nitrobenzene-d5 (Surr)	*64*		*46 - 105*
Phenol-d5 (Surr)	*72*		*46 - 105*
Terphenyl-d14 (Surr)	*67*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*75*		*34 - 108*

Lab Sample ID: 180-202362-2 MS
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Prep Type: Total/NA
Prep Batch: 510843

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		7620	5610		ug/Kg	☼	74	50 - 100
Acenaphthylene	ND		7620	5310		ug/Kg	☼	70	52 - 100
Acetophenone	ND		7620	5180		ug/Kg	☼	68	48 - 100
Anthracene	24	J	7620	5400		ug/Kg	☼	71	53 - 100
Atrazine	ND		7620	5910		ug/Kg	☼	78	49 - 103
Benzaldehyde	ND	F1	7620	674	J F1	ug/Kg	☼	9	23 - 105
Benzo[a]anthracene	130		7620	5580		ug/Kg	☼	71	51 - 100
Benzo[a]pyrene	130		7620	5430		ug/Kg	☼	69	51 - 100
Benzo[b]fluoranthene	190		7620	5430		ug/Kg	☼	69	48 - 100
Benzo[g,h,i]perylene	100		7620	6130		ug/Kg	☼	79	48 - 105
Benzo[k]fluoranthene	74	J	7620	5800		ug/Kg	☼	75	19 - 100
1,1'-Biphenyl	ND		7620	5440		ug/Kg	☼	71	50 - 100
Bis(2-chloroethoxy)methane	ND		7620	5310		ug/Kg	☼	70	49 - 100
Bis(2-chloroethyl)ether	ND		7620	4720		ug/Kg	☼	62	48 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202362-2 MS
Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510864
Prep Batch: 510843

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	ND		7620	5140		ug/Kg	☼	67	53 - 107
4-Bromophenyl phenyl ether	ND		7620	6100		ug/Kg	☼	80	52 - 101
Butyl benzyl phthalate	ND		7620	5340		ug/Kg	☼	70	52 - 107
Caprolactam	ND		7620	5210		ug/Kg	☼	68	48 - 111
Carbazole	ND		7620	5650		ug/Kg	☼	74	53 - 100
4-Chloroaniline	ND		7620	4670		ug/Kg	☼	61	47 - 100
4-Chloro-3-methylphenol	ND		7620	5900		ug/Kg	☼	77	49 - 106
2-Chloronaphthalene	ND		7620	5260		ug/Kg	☼	69	51 - 100
2-Chlorophenol	ND		7620	5240		ug/Kg	☼	69	51 - 100
4-Chlorophenyl phenyl ether	ND		7620	6520		ug/Kg	☼	86	52 - 100
Chrysene	160		7620	5960		ug/Kg	☼	76	50 - 100
Dibenz(a,h)anthracene	ND		7620	5900		ug/Kg	☼	77	50 - 107
Dibenzofuran	ND		7620	5710		ug/Kg	☼	75	52 - 100
3,3'-Dichlorobenzidine	ND		7620	4040		ug/Kg	☼	53	43 - 100
2,4-Dichlorophenol	ND		7620	5780		ug/Kg	☼	76	53 - 101
Diethyl phthalate	ND		7620	5850		ug/Kg	☼	77	48 - 104
2,4-Dimethylphenol	ND		7620	5070		ug/Kg	☼	67	51 - 101
Dimethyl phthalate	ND		7620	6060		ug/Kg	☼	79	53 - 100
Di-n-butyl phthalate	ND		7620	5510		ug/Kg	☼	72	57 - 102
4,6-Dinitro-2-methylphenol	ND		15200	12300		ug/Kg	☼	81	51 - 100
2,4-Dinitrophenol	ND		15200	9100		ug/Kg	☼	60	33 - 101
2,4-Dinitrotoluene	ND		7620	6680		ug/Kg	☼	88	54 - 104
2,6-Dinitrotoluene	ND		7620	6250		ug/Kg	☼	82	51 - 106
Di-n-octyl phthalate	ND		7620	4690		ug/Kg	☼	62	41 - 106
1,4-Dioxane	ND		7620	4170		ug/Kg	☼	55	25 - 125
Fluoranthene	360		7620	6740		ug/Kg	☼	84	55 - 100
Fluorene	ND		7620	5710		ug/Kg	☼	75	52 - 100
Hexachlorobenzene	ND		7620	5920		ug/Kg	☼	78	49 - 100
Hexachlorobutadiene	ND		7620	6610		ug/Kg	☼	87	38 - 107
Hexachlorocyclopentadiene	ND		7620	4150		ug/Kg	☼	54	33 - 117
Hexachloroethane	ND		7620	4660		ug/Kg	☼	61	47 - 100
Indeno[1,2,3-cd]pyrene	82		7620	6000		ug/Kg	☼	78	51 - 103
Isophorone	ND		7620	5740		ug/Kg	☼	75	48 - 105
2-Methylnaphthalene	ND		7620	6080		ug/Kg	☼	80	53 - 100
2-Methylphenol	ND		7620	5180		ug/Kg	☼	68	50 - 101
Methylphenol, 3 & 4	ND		7620	5440		ug/Kg	☼	71	50 - 103
Naphthalene	ND		7620	5660		ug/Kg	☼	74	51 - 100
2-Nitroaniline	ND		7620	5380		ug/Kg	☼	71	42 - 123
3-Nitroaniline	ND		7620	4780		ug/Kg	☼	63	50 - 103
4-Nitroaniline	ND		7620	5080		ug/Kg	☼	67	52 - 103
Nitrobenzene	ND		7620	5240		ug/Kg	☼	69	44 - 108
2-Nitrophenol	ND		7620	6050		ug/Kg	☼	79	55 - 107
4-Nitrophenol	ND		15200	12400		ug/Kg	☼	81	30 - 134
N-Nitrosodi-n-propylamine	ND		7620	5140		ug/Kg	☼	67	45 - 107
N-Nitrosodiphenylamine	ND		7620	5360		ug/Kg	☼	70	52 - 100
2,2'-oxybis[1-chloropropane]	ND		7620	3670		ug/Kg	☼	48	30 - 113
Pentachlorophenol	ND		15200	10400		ug/Kg	☼	69	42 - 110
Phenanthrene	150		7620	5450		ug/Kg	☼	70	53 - 100
Phenol	ND		7620	4920		ug/Kg	☼	65	49 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202362-2 MS
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Prep Type: Total/NA
Prep Batch: 510843

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Pyrene	250		7620	5730		ug/Kg	☼	72	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		7620	5960		ug/Kg	☼	78	41 - 104
2,3,4,6-Tetrachlorophenol	ND		7620	6170		ug/Kg	☼	81	47 - 104
2,4,5-Trichlorophenol	ND		7620	5890		ug/Kg	☼	77	50 - 104
2,4,6-Trichlorophenol	ND		7620	5690		ug/Kg	☼	75	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*44 - 105*
2-Fluorophenol (Surr)	*67*		*48 - 105*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*
Phenol-d5 (Surr)	*68*		*46 - 105*
Terphenyl-d14 (Surr)	*77*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*78*		*34 - 108*

Lab Sample ID: 180-202362-2 MSD
Matrix: Solid
Analysis Batch: 510864

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Prep Type: Total/NA
Prep Batch: 510843

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		7620	5500		ug/Kg	☼	72	50 - 100	2	20
Acenaphthylene	ND		7620	5280		ug/Kg	☼	69	52 - 100	0	20
Acetophenone	ND		7620	5140		ug/Kg	☼	67	48 - 100	1	17
Anthracene	24	J	7620	5320		ug/Kg	☼	70	53 - 100	1	20
Atrazine	ND		7620	5810		ug/Kg	☼	76	49 - 103	2	19
Benzaldehyde	ND	F1	7620	670	J F1	ug/Kg	☼	9	23 - 105	1	31
Benzo[a]anthracene	130		7620	5410		ug/Kg	☼	69	51 - 100	3	21
Benzo[a]pyrene	130		7620	5380		ug/Kg	☼	69	51 - 100	1	20
Benzo[b]fluoranthene	190		7620	5250		ug/Kg	☼	66	48 - 100	3	20
Benzo[g,h,i]perylene	100		7620	6040		ug/Kg	☼	78	48 - 105	1	19
Benzo[k]fluoranthene	74	J	7620	5890		ug/Kg	☼	76	19 - 100	1	20
1,1'-Biphenyl	ND		7620	5320		ug/Kg	☼	70	50 - 100	2	19
Bis(2-chloroethoxy)methane	ND		7620	5210		ug/Kg	☼	68	49 - 100	2	20
Bis(2-chloroethyl)ether	ND		7620	4660		ug/Kg	☼	61	48 - 100	1	18
Bis(2-ethylhexyl) phthalate	ND		7620	4950		ug/Kg	☼	65	53 - 107	4	20
4-Bromophenyl phenyl ether	ND		7620	5990		ug/Kg	☼	79	52 - 101	2	20
Butyl benzyl phthalate	ND		7620	5070		ug/Kg	☼	66	52 - 107	5	19
Caprolactam	ND		7620	5190		ug/Kg	☼	68	48 - 111	0	23
Carbazole	ND		7620	5580		ug/Kg	☼	73	53 - 100	1	20
4-Chloroaniline	ND		7620	4570		ug/Kg	☼	60	47 - 100	2	20
4-Chloro-3-methylphenol	ND		7620	5760		ug/Kg	☼	76	49 - 106	2	20
2-Chloronaphthalene	ND		7620	5130		ug/Kg	☼	67	51 - 100	3	20
2-Chlorophenol	ND		7620	5270		ug/Kg	☼	69	51 - 100	0	17
4-Chlorophenyl phenyl ether	ND		7620	6450		ug/Kg	☼	85	52 - 100	1	19
Chrysene	160		7620	5660		ug/Kg	☼	72	50 - 100	5	20
Dibenz(a,h)anthracene	ND		7620	5800		ug/Kg	☼	76	50 - 107	2	21
Dibenzofuran	ND		7620	5650		ug/Kg	☼	74	52 - 100	1	19
3,3'-Dichlorobenzidine	ND		7620	3980		ug/Kg	☼	52	43 - 100	2	19
2,4-Dichlorophenol	ND		7620	5660		ug/Kg	☼	74	53 - 101	2	22

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202362-2 MSD
Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510864
Prep Batch: 510843

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	ND		7620	5890		ug/Kg	☼	77	48 - 104	1	20
2,4-Dimethylphenol	ND		7620	4950		ug/Kg	☼	65	51 - 101	2	32
Dimethyl phthalate	ND		7620	6060		ug/Kg	☼	80	53 - 100	0	21
Di-n-butyl phthalate	ND		7620	5400		ug/Kg	☼	71	57 - 102	2	20
4,6-Dinitro-2-methylphenol	ND		15200	12000		ug/Kg	☼	79	51 - 100	2	22
2,4-Dinitrophenol	ND		15200	9250		ug/Kg	☼	61	33 - 101	2	20
2,4-Dinitrotoluene	ND		7620	6670		ug/Kg	☼	88	54 - 104	0	20
2,6-Dinitrotoluene	ND		7620	6080		ug/Kg	☼	80	51 - 106	3	20
Di-n-octyl phthalate	ND		7620	4570		ug/Kg	☼	60	41 - 106	3	18
1,4-Dioxane	ND		7620	4150		ug/Kg	☼	54	25 - 125	1	17
Fluoranthene	360		7620	6570		ug/Kg	☼	81	55 - 100	2	20
Fluorene	ND		7620	5670		ug/Kg	☼	74	52 - 100	1	19
Hexachlorobenzene	ND		7620	5820		ug/Kg	☼	76	49 - 100	2	20
Hexachlorobutadiene	ND		7620	6570		ug/Kg	☼	86	38 - 107	1	22
Hexachlorocyclopentadiene	ND		7620	4170		ug/Kg	☼	55	33 - 117	0	19
Hexachloroethane	ND		7620	4620		ug/Kg	☼	61	47 - 100	1	17
Indeno[1,2,3-cd]pyrene	82		7620	5870		ug/Kg	☼	76	51 - 103	2	19
Isophorone	ND		7620	5710		ug/Kg	☼	75	48 - 105	1	20
2-Methylnaphthalene	ND		7620	6020		ug/Kg	☼	79	53 - 100	1	21
2-Methylphenol	ND		7620	5130		ug/Kg	☼	67	50 - 101	1	17
Methylphenol, 3 & 4	ND		7620	5460		ug/Kg	☼	72	50 - 103	0	19
Naphthalene	ND		7620	5500		ug/Kg	☼	72	51 - 100	3	20
2-Nitroaniline	ND		7620	5340		ug/Kg	☼	70	42 - 123	1	19
3-Nitroaniline	ND		7620	4810		ug/Kg	☼	63	50 - 103	1	20
4-Nitroaniline	ND		7620	5160		ug/Kg	☼	68	52 - 103	2	18
Nitrobenzene	ND		7620	5170		ug/Kg	☼	68	44 - 108	1	21
2-Nitrophenol	ND		7620	5970		ug/Kg	☼	78	55 - 107	1	19
4-Nitrophenol	ND		15200	12500		ug/Kg	☼	82	30 - 134	1	18
N-Nitrosodi-n-propylamine	ND		7620	5070		ug/Kg	☼	67	45 - 107	1	18
N-Nitrosodiphenylamine	ND		7620	5240		ug/Kg	☼	69	52 - 100	2	20
2,2'-oxybis[1-chloropropane]	ND		7620	3650		ug/Kg	☼	48	30 - 113	1	17
Pentachlorophenol	ND		15200	10400		ug/Kg	☼	68	42 - 110	1	20
Phenanthrene	150		7620	5280		ug/Kg	☼	67	53 - 100	3	20
Phenol	ND		7620	4880		ug/Kg	☼	64	49 - 100	1	16
Pyrene	250		7620	5460		ug/Kg	☼	68	52 - 100	5	20
1,2,4,5-Tetrachlorobenzene	ND		7620	5820		ug/Kg	☼	76	41 - 104	2	21
2,3,4,6-Tetrachlorophenol	ND		7620	6150		ug/Kg	☼	81	47 - 104	0	18
2,4,5-Trichlorophenol	ND		7620	5890		ug/Kg	☼	77	50 - 104	0	21
2,4,6-Trichlorophenol	ND		7620	5680		ug/Kg	☼	74	50 - 105	0	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*71*		*44 - 105*
2-Fluorophenol (Surr)	*67*		*48 - 105*
Nitrobenzene-d5 (Surr)	*67*		*46 - 105*
Phenol-d5 (Surr)	*68*		*46 - 105*
Terphenyl-d14 (Surr)	*72*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-510842/1-A
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510842

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		02/27/26 12:16	03/05/26 12:43	1
PCB-1221	ND		17	5.9	ug/Kg		02/27/26 12:16	03/05/26 12:43	1
PCB-1232	ND		17	4.1	ug/Kg		02/27/26 12:16	03/05/26 12:43	1
PCB-1242	ND		17	2.4	ug/Kg		02/27/26 12:16	03/05/26 12:43	1
PCB-1248	ND		17	4.0	ug/Kg		02/27/26 12:16	03/05/26 12:43	1
PCB-1254	ND		17	5.0	ug/Kg		02/27/26 12:16	03/05/26 12:43	1
PCB-1260	ND		17	4.7	ug/Kg		02/27/26 12:16	03/05/26 12:43	1
PCB-1262	ND		17	5.9	ug/Kg		02/27/26 12:16	03/05/26 12:43	1
PCB-1268	ND		17	2.2	ug/Kg		02/27/26 12:16	03/05/26 12:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*85*		*26 - 142*	*02/27/26 12:16*	*03/05/26 12:43*	*1*
DCB Decachlorobiphenyl (Surr)	*89*		*26 - 142*	*02/27/26 12:16*	*03/05/26 12:43*	*1*
Tetrachloro-m-xylene (Surr)	*103*		*17 - 144*	*02/27/26 12:16*	*03/05/26 12:43*	*1*
Tetrachloro-m-xylene (Surr)	*107*		*17 - 144*	*02/27/26 12:16*	*03/05/26 12:43*	*1*

Lab Sample ID: LCS 180-510842/2-A
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510842

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1280		ug/Kg		96	53 - 115		
PCB-1260			1330	1060		ug/Kg		79	45 - 108		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*81*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*83*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*98*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*104*		*17 - 144*

Lab Sample ID: 180-202362-2 MS
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Prep Type: Total/NA
Prep Batch: 510842

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1530	1340		ug/Kg	☼	87	53 - 115		
PCB-1260	ND		1530	1140		ug/Kg	☼	74	45 - 108		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-202362-2 MSD
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Prep Type: Total/NA
Prep Batch: 510842

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1530	1450		ug/Kg	☼	94	53 - 115	8	25
PCB-1260	ND		1530	1180		ug/Kg	☼	77	45 - 108	4	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*76*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*78*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*96*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*100*		*17 - 144*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-778237/1-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g		03/05/26 14:13	03/09/26 21:01	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g		03/05/26 14:13	03/09/26 21:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-778237/1-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g		03/05/26 14:13	03/09/26 21:01	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g		03/05/26 14:13	03/09/26 21:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		03/05/26 14:13	03/09/26 21:01	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		03/05/26 14:13	03/09/26 21:01	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g		03/05/26 14:13	03/09/26 21:01	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g		03/05/26 14:13	03/09/26 21:01	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*102*		*8 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C5-PFPeA	*104*		*35 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C5-PFHxA	*102*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C4-PFHpA	*101*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C8-PFOA	*96.5*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C9-PFNA	*90.4*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C6-PFDA	*99.9*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C7-PFUnA	*103*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C2 PFDoA	*86.0*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C2-PFTeDA	*76.5*		*20 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C3-PFBS	*97.7*		*40 - 135*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C3-PFHxS	*92.6*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C8-PFOS	*96.6*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C8-PFOSA	*81.4*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
d3-NMeFOSAA	*88.5*		*40 - 135*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
d5-NEtFOSAA	*85.3*		*40 - 150*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C2 4:2 FTS	*104*		*40 - 165*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C2 6:2 FTS	*98.7*		*40 - 215*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C2 8:2 FTS	*296*	**5+*	*40 - 275*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
13C3-HFPO-DA	*93.3*		*40 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*
D7-NMeFOSE	*68.4*		*20 - 130*	*03/05/26 14:13*	*03/09/26 21:01*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-778237/1-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778237

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
D9-NEtFOSE	65.0		15 - 130	03/05/26 14:13	03/09/26 21:01	1
d5-NEtPFOSA	69.0		10 - 130	03/05/26 14:13	03/09/26 21:01	1
d3-NMePFOSA	70.7		10 - 130	03/05/26 14:13	03/09/26 21:01	1

Lab Sample ID: LCS 410-778237/2-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	3.85		ng/g		77	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.13		ng/g		85	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.10		ng/g		84	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.08		ng/g		83	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.21		ng/g		88	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.00		ng/g		80	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.15		ng/g		86	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.09		ng/g		84	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	2.24		ng/g		89	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.47		ng/g		99	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	1.99		ng/g		80	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	1.77		ng/g		80	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.05		ng/g		87	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.00		ng/g		88	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.09		ng/g		88	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	1.89		ng/g		81	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	1.88		ng/g		78	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.53		ng/g		63	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.01		ng/g		86	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	3.86		ng/g		81	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	3.89		ng/g		81	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.09		ng/g		84	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.22		ng/g		89	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.22		ng/g		89	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.02		ng/g		81	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.21		ng/g		88	65 - 165

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-778237/2-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.1		ng/g		88	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	11.5		ng/g		92	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.57		ng/g		84	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.13		ng/g		90	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	1.93		ng/g		77	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.23		ng/g		89	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.05		ng/g		82	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	1.91		ng/g		82	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	1.85		ng/g		78	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	1.93		ng/g		86	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	3.76		ng/g		75	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	9.43		ng/g		75	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	8.64		ng/g		69	60 - 150
Perfluorodecanesulfonic acid (PFDS)	2.41	1.78		ng/g		74	40 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4-PFBA	*109*		*8 - 130*
13C5-PFPeA	*109*		*35 - 130*
13C5-PFHxA	*106*		*40 - 130*
13C4-PFHpA	*106*		*40 - 130*
13C8-PFOA	*100*		*40 - 130*
13C9-PFNA	*90.1*		*40 - 130*
13C6-PFDA	*94.5*		*40 - 130*
13C7-PFUnA	*95.9*		*40 - 130*
13C2 PFDoA	*82.4*		*40 - 130*
13C2-PFTeDA	*70.1*		*20 - 130*
13C3-PFBS	*101*		*40 - 135*
13C3-PFHxS	*97.1*		*40 - 130*
13C8-PFOS	*96.6*		*40 - 130*
13C8-PFOSA	*81.8*		*40 - 130*
d3-NMeFOSAA	*86.8*		*40 - 135*
d5-NEtFOSAA	*85.6*		*40 - 150*
13C2 4:2 FTS	*101*		*40 - 165*
13C2 6:2 FTS	*101*		*40 - 215*
13C2 8:2 FTS	*222*		*40 - 275*
13C3-HFPO-DA	*100*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-778237/2-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778237

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
D7-NMeFOSE	57.1		20 - 130
D9-NEtFOSE	51.0		15 - 130
d5-NEtPFOSA	64.4		10 - 130
d3-NMePFOSA	67.5		10 - 130

Lab Sample ID: LLCS 410-778237/3-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778237

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.435		ng/g		87	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.216		ng/g		86	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.227		ng/g		91	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.214		ng/g		85	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.229		ng/g		92	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.213		ng/g		85	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.230		ng/g		92	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.221		ng/g		88	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.239		ng/g		96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.247		ng/g		99	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.212		ng/g		85	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.187	J	ng/g		84	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.223		ng/g		95	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.217		ng/g		95	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.246		ng/g		103	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.227		ng/g		98	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.189	J	ng/g		79	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.152	J	ng/g		63	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.454		ng/g		97	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.427		ng/g		90	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.450		ng/g		94	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.235		ng/g		94	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.225		ng/g		90	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.241		ng/g		96	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.222		ng/g		89	65 - 155

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington - NAF SCV

Job ID: 180-202362-1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-778237/3-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778237

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.264		ng/g		106	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.20		ng/g		96	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.24		ng/g		99	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.166	J	ng/g		89	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.226		ng/g		96	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.198	J	ng/g		79	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.226		ng/g		91	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.220		ng/g		88	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.215		ng/g		92	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.165	J	ng/g		70	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.203		ng/g		91	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.456		ng/g		91	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.35		ng/g		108	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	1.14		ng/g		91	60 - 150
Perfluorodecanesulfonic acid (PFDS)	0.241	0.165	J	ng/g		69	40 - 155

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4-PFBA	*116*		*8 - 130*
13C5-PFPeA	*119*		*35 - 130*
13C5-PFHxA	*113*		*40 - 130*
13C4-PFHpA	*118*		*40 - 130*
13C8-PFOA	*114*		*40 - 130*
13C9-PFNA	*94.4*		*40 - 130*
13C6-PFDA	*94.4*		*40 - 130*
13C7-PFUnA	*90.2*		*40 - 130*
13C2 PFDoA	*72.4*		*40 - 130*
13C2-PFTeDA	*62.2*		*20 - 130*
13C3-PFBS	*115*		*40 - 135*
13C3-PFHxS	*109*		*40 - 130*
13C8-PFOS	*88.0*		*40 - 130*
13C8-PFOSA	*85.0*		*40 - 130*
d3-NMeFOSAA	*85.7*		*40 - 135*
d5-NEtFOSAA	*83.7*		*40 - 150*
13C2 4:2 FTS	*118*		*40 - 165*
13C2 6:2 FTS	*112*		*40 - 215*
13C2 8:2 FTS	*218*		*40 - 275*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-778237/3-A
Matrix: Solid
Analysis Batch: 779664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778237

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3-HFPO-DA	*108*		*40 - 130*
D7-NMeFOSE	*40.5*		*20 - 130*
D9-NEtFOSE	*36.6*		*15 - 130*
d5-NEtPFOSA	*58.7*		*10 - 130*
d3-NMePFOSA	*63.8*		*10 - 130*

Method: EPA 6010D - Metals (ICP)

Lab Sample ID: MB 410-778245/1-A
Matrix: Solid
Analysis Batch: 779775

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.0	1.7	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Aluminum	ND		30	9.0	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Arsenic	ND		5.0	1.4	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Barium	ND		0.50	0.15	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Beryllium	ND		0.50	0.10	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Cadmium	ND		0.50	0.10	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Calcium	ND		50	21	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Chromium	ND		1.5	0.60	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Cobalt	ND		0.50	0.15	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Copper	ND		2.0	0.77	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Iron	ND		20	8.0	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Lead	ND		1.5	0.60	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Magnesium	ND		20	4.0	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Manganese	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Nickel	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Potassium	ND		100	35	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Selenium	ND		5.0	1.5	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Silver	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Sodium	ND		100	40	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Thallium	ND		3.0	1.3	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Zinc	ND		2.0	0.80	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Vanadium	ND		1.0	0.43	mg/Kg		03/07/26 07:30	03/09/26 10:31	1

Lab Sample ID: LCS 410-778245/2-A
Matrix: Solid
Analysis Batch: 779775

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	10.1		mg/Kg		101	80 - 120
Aluminum	500	480		mg/Kg		96	88 - 110
Arsenic	50.0	49.8		mg/Kg		100	87 - 113
Barium	50.0	49.9		mg/Kg		100	90 - 111
Beryllium	5.00	5.11		mg/Kg		102	90 - 113
Cadmium	5.00	5.04		mg/Kg		101	90 - 110
Calcium	500	501		mg/Kg		100	90 - 111
Chromium	50.0	49.5		mg/Kg		99	90 - 113

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-778245/2-A
Matrix: Solid
Analysis Batch: 779775

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	50.0	50.0		mg/Kg		100	90 - 110
Copper	50.0	49.1		mg/Kg		98	90 - 110
Iron	500	484		mg/Kg		97	89 - 111
Lead	5.00	5.42		mg/Kg		108	85 - 117
Magnesium	500	469		mg/Kg		94	89 - 111
Manganese	50.0	49.1		mg/Kg		98	90 - 111
Nickel	50.0	50.6		mg/Kg		101	90 - 111
Potassium	500	472		mg/Kg		94	88 - 113
Selenium	10.0	10.9		mg/Kg		109	80 - 119
Silver	5.00	5.12		mg/Kg		102	85 - 112
Sodium	500	492		mg/Kg		98	88 - 114
Thallium	10.0	10.4		mg/Kg		104	80 - 120
Zinc	50.0	49.7		mg/Kg		99	90 - 110
Vanadium	50.0	48.5		mg/Kg		97	90 - 111

Lab Sample ID: 180-202362-2 MS
Matrix: Solid
Analysis Batch: 779775

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Prep Type: Total/NA
Prep Batch: 778245

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1	11.2	6.39	F1	mg/Kg	☼	57	75 - 125
Aluminum	11000		558	14800	4	mg/Kg	☼	620	75 - 125
Arsenic	9.5		55.8	56.9		mg/Kg	☼	85	75 - 125
Barium	71		55.8	131		mg/Kg	☼	108	75 - 125
Beryllium	0.51	J	5.58	5.71		mg/Kg	☼	93	75 - 125
Cadmium	0.14	J	5.58	5.10		mg/Kg	☼	89	75 - 125
Calcium	18000	F2	558	21300	4	mg/Kg	☼	498	75 - 125
Chromium	16		55.8	67.2		mg/Kg	☼	92	75 - 125
Cobalt	8.5		55.8	57.4		mg/Kg	☼	88	75 - 125
Copper	25		55.8	70.9		mg/Kg	☼	82	75 - 125
Iron	22000		558	19300	4	mg/Kg	☼	-502	75 - 125
Lead	18	F1	5.58	20.8	F1	mg/Kg	☼	45	75 - 125
Magnesium	5200		558	5880	4	mg/Kg	☼	118	75 - 125
Manganese	410	F2	55.8	414	4	mg/Kg	☼	9	75 - 125
Nickel	20		55.8	68.9		mg/Kg	☼	87	75 - 125
Potassium	1400	F1	558	3150	F1	mg/Kg	☼	314	75 - 125
Selenium	ND		11.2	12.2		mg/Kg	☼	110	75 - 125
Silver	ND		5.58	5.11		mg/Kg	☼	92	75 - 125
Sodium	62	J	558	609		mg/Kg	☼	98	75 - 125
Thallium	ND		11.2	10.0		mg/Kg	☼	90	75 - 125
Zinc	78	F1	55.8	119	F1	mg/Kg	☼	73	75 - 125
Vanadium	17		55.8	71.0		mg/Kg	☼	98	75 - 125

Lab Sample ID: 180-202362-2 MSD
Matrix: Solid
Analysis Batch: 779775

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Prep Type: Total/NA
Prep Batch: 778245

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	11.2	7.07	F1	mg/Kg	☼	63	75 - 125	10	20

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-202362-2 MSD
Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779775
Prep Batch: 778245

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	11000		558	14200	4	mg/Kg	☼	500	75 - 125	5	20
Arsenic	9.5		55.8	58.0		mg/Kg	☼	87	75 - 125	2	20
Barium	71		55.8	128		mg/Kg	☼	102	75 - 125	3	20
Beryllium	0.51	J	5.58	5.83		mg/Kg	☼	95	75 - 125	2	20
Cadmium	0.14	J	5.58	5.21		mg/Kg	☼	91	75 - 125	2	20
Calcium	18000	F2	558	40100	4 F2	mg/Kg	☼	3870	75 - 125	61	20
Chromium	16		55.8	67.4		mg/Kg	☼	93	75 - 125	0	20
Cobalt	8.5		55.8	58.7		mg/Kg	☼	90	75 - 125	2	20
Copper	25		55.8	72.6		mg/Kg	☼	85	75 - 125	2	20
Iron	22000		558	20300	4	mg/Kg	☼	-329	75 - 125	5	20
Lead	18	F1	5.58	21.4	F1	mg/Kg	☼	55	75 - 125	3	20
Magnesium	5200		558	5600	4	mg/Kg	☼	68	75 - 125	5	20
Manganese	410	F2	55.8	535	4 F2	mg/Kg	☼	226	75 - 125	26	20
Nickel	20		55.8	70.1		mg/Kg	☼	89	75 - 125	2	20
Potassium	1400	F1	558	2890	F1	mg/Kg	☼	267	75 - 125	9	20
Selenium	ND		11.2	10.5		mg/Kg	☼	94	75 - 125	15	20
Silver	ND		5.58	5.26		mg/Kg	☼	94	75 - 125	3	20
Sodium	62	J	558	620		mg/Kg	☼	100	75 - 125	2	20
Thallium	ND		11.2	10.9		mg/Kg	☼	98	75 - 125	8	20
Zinc	78	F1	55.8	119	F1	mg/Kg	☼	74	75 - 125	0	20
Vanadium	17		55.8	70.8		mg/Kg	☼	97	75 - 125	0	20

Lab Sample ID: 180-202362-2 DU
Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779775
Prep Batch: 778245

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Antimony	ND	F1		ND		mg/Kg	☼			NC	20
Aluminum	11000			11100		mg/Kg	☼			3	20
Arsenic	9.5			7.08	F5	mg/Kg	☼			30	20
Barium	71			71.9		mg/Kg	☼			1	20
Beryllium	0.51	J		0.495	J	mg/Kg	☼			2	20
Cadmium	0.14	J		0.121	J	mg/Kg	☼			14	20
Calcium	18000	F2		26800	F3	mg/Kg	☼			37	20
Chromium	16			15.3		mg/Kg	☼			2	20
Cobalt	8.5			8.29		mg/Kg	☼			2	20
Copper	25			22.6		mg/Kg	☼			10	20
Iron	22000			21000		mg/Kg	☼			5	20
Lead	18	F1		17.5		mg/Kg	☼			5	20
Magnesium	5200			5220		mg/Kg	☼			0.05	20
Manganese	410	F2		441		mg/Kg	☼			7	20
Nickel	20			19.9		mg/Kg	☼			3	20
Potassium	1400	F1		1450		mg/Kg	☼			3	20
Selenium	ND			ND		mg/Kg	☼			NC	20
Silver	ND			ND		mg/Kg	☼			NC	20
Sodium	62	J		71.9	J	mg/Kg	☼			14	20
Thallium	ND			ND		mg/Kg	☼			NC	20
Zinc	78	F1		74.4		mg/Kg	☼			5	20
Vanadium	17			16.5		mg/Kg	☼			0.4	20

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-778794/1-A
Matrix: Solid
Analysis Batch: 779163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778794

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/06/26 14:17	03/06/26 19:51	1

Lab Sample ID: LCS 410-778794/2-A
Matrix: Solid
Analysis Batch: 779163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778794

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.149		mg/Kg		89	80 - 120

Lab Sample ID: 180-202362-2 MS
Matrix: Solid
Analysis Batch: 779163

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Prep Type: Total/NA
Prep Batch: 778794

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.043	J F1	0.190	0.238		mg/Kg	☼	102	80 - 120

Lab Sample ID: 180-202362-2 MSD
Matrix: Solid
Analysis Batch: 779163

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Prep Type: Total/NA
Prep Batch: 778794

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.043	J F1	0.181	0.263	F1	mg/Kg	☼	121	80 - 120	10	20

Lab Sample ID: 180-202362-2 DU
Matrix: Solid
Analysis Batch: 779163

Client Sample ID: SSHS-IRM5A2-SCV141-0.17-1
Prep Type: Total/NA
Prep Batch: 778794

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.043	J F1	0.0450	J	mg/Kg	☼	4	20

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

GC/MS VOA

Prep Batch: 781028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-5	SSHS-IRM5A2-SCV130-0.5-1	Total/NA	Solid	5035	
180-202362-9	SSHS-IRM5A2-SCV131-0.5-1	Total/NA	Solid	5035	
180-202362-13	SSHS-IRM5A2-SCV132-0.5-1	Total/NA	Solid	5035	
180-202362-14	SSHS-IRM5A2-DUP-13	Total/NA	Solid	5035	

Analysis Batch: 781565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-9	SSHS-IRM5A2-SCV131-0.5-1	Total/NA	Solid	EPA 8260D	781028
180-202362-13	SSHS-IRM5A2-SCV132-0.5-1	Total/NA	Solid	EPA 8260D	781028
MB 410-781565/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-781565/4	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-781565/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

Analysis Batch: 782285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-5	SSHS-IRM5A2-SCV130-0.5-1	Total/NA	Solid	EPA 8260D	781028
MB 410-782285/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-782285/56	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-782285/57	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

Analysis Batch: 783114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-14	SSHS-IRM5A2-DUP-13	Total/NA	Solid	EPA 8260D	781028
MB 410-783114/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-783114/4	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-783114/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

GC/MS Semi VOA

Prep Batch: 510843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-1	SSHS-IRM5A2-SCV141-0-0.17	Total/NA	Solid	3541	
180-202362-2	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	3541	
180-202362-3	SSHS-IRM5A2-SCV130-0-0.17	Total/NA	Solid	3541	
180-202362-4	SSHS-IRM5A2-SCV130-0.17-1	Total/NA	Solid	3541	
180-202362-6	SSHS-IRM5A2-SCV131-0-0.17	Total/NA	Solid	3541	
180-202362-7	SSHS-IRM5A2-SCV131-0.17-1	Total/NA	Solid	3541	
180-202362-8	SSHS-IRM5A2-SCV-DUP-09	Total/NA	Solid	3541	
180-202362-11	SSHS-IRM5A2-SCV132-0.17-1	Total/NA	Solid	3541	
180-202362-12	SSHS-IRM5A2-SCV-DUP-10	Total/NA	Solid	3541	
180-202362-15	SSHS-IRM5A2-SCV133-0-0.17	Total/NA	Solid	3541	
180-202362-16	SSHS-IRM5A2-DUP-04	Total/NA	Solid	3541	
180-202362-17	SSHS-IRM5A2-SCV133-0.17-1	Total/NA	Solid	3541	
180-202362-18	SSHS-IRM5A2-SCV134-0-0.17	Total/NA	Solid	3541	
180-202362-19	SSHS-IRM5A2-SCV134-0.17-1	Total/NA	Solid	3541	
180-202362-20	SSHS-IRM5A2-DUP-06	Total/NA	Solid	3541	
MB 180-510843/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510843/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202362-2 MS	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	3541	
180-202362-2 MSD	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	3541	

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202362-1
Project/Site: Former Sperry Remington - NAF SCV

GC/MS Semi VOA

Analysis Batch: 510864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-1	SSHS-IRM5A2-SCV141-0-0.17	Total/NA	Solid	EPA 8270E	510843
180-202362-2	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 8270E	510843
180-202362-3	SSHS-IRM5A2-SCV130-0-0.17	Total/NA	Solid	EPA 8270E	510843
180-202362-4	SSHS-IRM5A2-SCV130-0.17-1	Total/NA	Solid	EPA 8270E	510843
180-202362-6	SSHS-IRM5A2-SCV131-0-0.17	Total/NA	Solid	EPA 8270E	510843
180-202362-7	SSHS-IRM5A2-SCV131-0.17-1	Total/NA	Solid	EPA 8270E	510843
MB 180-510843/1-A	Method Blank	Total/NA	Solid	EPA 8270E	510843
LCS 180-510843/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	510843
180-202362-2 MS	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 8270E	510843
180-202362-2 MSD	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 8270E	510843

Analysis Batch: 510866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-8	SSHS-IRM5A2-SCV-DUP-09	Total/NA	Solid	EPA 8270E	510843
180-202362-11	SSHS-IRM5A2-SCV132-0.17-1	Total/NA	Solid	EPA 8270E	510843
180-202362-12	SSHS-IRM5A2-SCV-DUP-10	Total/NA	Solid	EPA 8270E	510843
180-202362-15	SSHS-IRM5A2-SCV133-0-0.17	Total/NA	Solid	EPA 8270E	510843
180-202362-16	SSHS-IRM5A2-DUP-04	Total/NA	Solid	EPA 8270E	510843

Analysis Batch: 510979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-17	SSHS-IRM5A2-SCV133-0.17-1	Total/NA	Solid	EPA 8270E	510843
180-202362-18	SSHS-IRM5A2-SCV134-0-0.17	Total/NA	Solid	EPA 8270E	510843
180-202362-19	SSHS-IRM5A2-SCV134-0.17-1	Total/NA	Solid	EPA 8270E	510843
180-202362-20	SSHS-IRM5A2-DUP-06	Total/NA	Solid	EPA 8270E	510843

GC Semi VOA

Prep Batch: 510842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-1	SSHS-IRM5A2-SCV141-0-0.17	Total/NA	Solid	3541	
180-202362-2	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	3541	
180-202362-3	SSHS-IRM5A2-SCV130-0-0.17	Total/NA	Solid	3541	
180-202362-4	SSHS-IRM5A2-SCV130-0.17-1	Total/NA	Solid	3541	
180-202362-6	SSHS-IRM5A2-SCV131-0-0.17	Total/NA	Solid	3541	
180-202362-7	SSHS-IRM5A2-SCV131-0.17-1	Total/NA	Solid	3541	
180-202362-8	SSHS-IRM5A2-SCV-DUP-09	Total/NA	Solid	3541	
180-202362-11	SSHS-IRM5A2-SCV132-0.17-1	Total/NA	Solid	3541	
180-202362-12	SSHS-IRM5A2-SCV-DUP-10	Total/NA	Solid	3541	
180-202362-15	SSHS-IRM5A2-SCV133-0-0.17	Total/NA	Solid	3541	
180-202362-16	SSHS-IRM5A2-DUP-04	Total/NA	Solid	3541	
180-202362-17	SSHS-IRM5A2-SCV133-0.17-1	Total/NA	Solid	3541	
180-202362-18	SSHS-IRM5A2-SCV134-0-0.17	Total/NA	Solid	3541	
180-202362-19	SSHS-IRM5A2-SCV134-0.17-1	Total/NA	Solid	3541	
180-202362-20	SSHS-IRM5A2-DUP-06	Total/NA	Solid	3541	
MB 180-510842/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510842/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202362-2 MS	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	3541	
180-202362-2 MSD	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	3541	

GC Semi VOA

Analysis Batch: 510855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-1	SSHS-IRM5A2-SCV141-0-0.17	Total/NA	Solid	EPA 8082A	510842
180-202362-2	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 8082A	510842
180-202362-3	SSHS-IRM5A2-SCV130-0-0.17	Total/NA	Solid	EPA 8082A	510842
180-202362-4	SSHS-IRM5A2-SCV130-0.17-1	Total/NA	Solid	EPA 8082A	510842
180-202362-6	SSHS-IRM5A2-SCV131-0-0.17	Total/NA	Solid	EPA 8082A	510842
180-202362-7	SSHS-IRM5A2-SCV131-0.17-1	Total/NA	Solid	EPA 8082A	510842
180-202362-8	SSHS-IRM5A2-SCV-DUP-09	Total/NA	Solid	EPA 8082A	510842
180-202362-11	SSHS-IRM5A2-SCV132-0.17-1	Total/NA	Solid	EPA 8082A	510842
180-202362-12	SSHS-IRM5A2-SCV-DUP-10	Total/NA	Solid	EPA 8082A	510842
180-202362-15	SSHS-IRM5A2-SCV133-0-0.17	Total/NA	Solid	EPA 8082A	510842
180-202362-16	SSHS-IRM5A2-DUP-04	Total/NA	Solid	EPA 8082A	510842
180-202362-17	SSHS-IRM5A2-SCV133-0.17-1	Total/NA	Solid	EPA 8082A	510842
180-202362-18	SSHS-IRM5A2-SCV134-0-0.17	Total/NA	Solid	EPA 8082A	510842
180-202362-19	SSHS-IRM5A2-SCV134-0.17-1	Total/NA	Solid	EPA 8082A	510842
180-202362-20	SSHS-IRM5A2-DUP-06	Total/NA	Solid	EPA 8082A	510842
MB 180-510842/1-A	Method Blank	Total/NA	Solid	EPA 8082A	510842
LCS 180-510842/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	510842
180-202362-2 MS	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 8082A	510842
180-202362-2 MSD	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 8082A	510842

LCMS

Prep Batch: 778237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-1	SSHS-IRM5A2-SCV141-0-0.17	Total/NA	Solid	1633A	
180-202362-15	SSHS-IRM5A2-SCV133-0-0.17	Total/NA	Solid	1633A	
180-202362-16	SSHS-IRM5A2-DUP-04	Total/NA	Solid	1633A	
180-202362-19	SSHS-IRM5A2-SCV134-0.17-1	Total/NA	Solid	1633A	
180-202362-20	SSHS-IRM5A2-DUP-06	Total/NA	Solid	1633A	
MB 410-778237/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-778237/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-778237/3-A	Lab Control Sample	Total/NA	Solid	1633A	

Analysis Batch: 779664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-778237/1-A	Method Blank	Total/NA	Solid	1633A	778237
LCS 410-778237/2-A	Lab Control Sample	Total/NA	Solid	1633A	778237
LLCS 410-778237/3-A	Lab Control Sample	Total/NA	Solid	1633A	778237

Analysis Batch: 780308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-1	SSHS-IRM5A2-SCV141-0-0.17	Total/NA	Solid	1633A	778237
180-202362-15	SSHS-IRM5A2-SCV133-0-0.17	Total/NA	Solid	1633A	778237
180-202362-16	SSHS-IRM5A2-DUP-04	Total/NA	Solid	1633A	778237
180-202362-19	SSHS-IRM5A2-SCV134-0.17-1	Total/NA	Solid	1633A	778237
180-202362-20	SSHS-IRM5A2-DUP-06	Total/NA	Solid	1633A	778237

Metals

Prep Batch: 778245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-1	SSHS-IRM5A2-SCV141-0-0.17	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 778245 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-2	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	3050B	
180-202362-3	SSHS-IRM5A2-SCV130-0-0.17	Total/NA	Solid	3050B	
180-202362-4	SSHS-IRM5A2-SCV130-0.17-1	Total/NA	Solid	3050B	
180-202362-6	SSHS-IRM5A2-SCV131-0-0.17	Total/NA	Solid	3050B	
180-202362-7	SSHS-IRM5A2-SCV131-0.17-1	Total/NA	Solid	3050B	
180-202362-8	SSHS-IRM5A2-SCV-DUP-09	Total/NA	Solid	3050B	
180-202362-11	SSHS-IRM5A2-SCV132-0.17-1	Total/NA	Solid	3050B	
180-202362-12	SSHS-IRM5A2-SCV-DUP-10	Total/NA	Solid	3050B	
180-202362-15	SSHS-IRM5A2-SCV133-0-0.17	Total/NA	Solid	3050B	
180-202362-16	SSHS-IRM5A2-DUP-04	Total/NA	Solid	3050B	
180-202362-17	SSHS-IRM5A2-SCV133-0.17-1	Total/NA	Solid	3050B	
180-202362-18	SSHS-IRM5A2-SCV134-0-0.17	Total/NA	Solid	3050B	
180-202362-19	SSHS-IRM5A2-SCV134-0.17-1	Total/NA	Solid	3050B	
180-202362-20	SSHS-IRM5A2-DUP-06	Total/NA	Solid	3050B	
MB 410-778245/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-778245/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-202362-2 MS	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	3050B	
180-202362-2 MSD	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	3050B	
180-202362-2 DU	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	3050B	

Prep Batch: 778794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-1	SSHS-IRM5A2-SCV141-0-0.17	Total/NA	Solid	7471B	
180-202362-2	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	7471B	
180-202362-3	SSHS-IRM5A2-SCV130-0-0.17	Total/NA	Solid	7471B	
180-202362-4	SSHS-IRM5A2-SCV130-0.17-1	Total/NA	Solid	7471B	
180-202362-6	SSHS-IRM5A2-SCV131-0-0.17	Total/NA	Solid	7471B	
180-202362-7	SSHS-IRM5A2-SCV131-0.17-1	Total/NA	Solid	7471B	
180-202362-8	SSHS-IRM5A2-SCV-DUP-09	Total/NA	Solid	7471B	
180-202362-11	SSHS-IRM5A2-SCV132-0.17-1	Total/NA	Solid	7471B	
180-202362-12	SSHS-IRM5A2-SCV-DUP-10	Total/NA	Solid	7471B	
180-202362-15	SSHS-IRM5A2-SCV133-0-0.17	Total/NA	Solid	7471B	
180-202362-16	SSHS-IRM5A2-DUP-04	Total/NA	Solid	7471B	
180-202362-17	SSHS-IRM5A2-SCV133-0.17-1	Total/NA	Solid	7471B	
180-202362-18	SSHS-IRM5A2-SCV134-0-0.17	Total/NA	Solid	7471B	
180-202362-19	SSHS-IRM5A2-SCV134-0.17-1	Total/NA	Solid	7471B	
180-202362-20	SSHS-IRM5A2-DUP-06	Total/NA	Solid	7471B	
MB 410-778794/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-778794/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-202362-2 MS	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	7471B	
180-202362-2 MSD	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	7471B	
180-202362-2 DU	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	7471B	

Analysis Batch: 779163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-1	SSHS-IRM5A2-SCV141-0-0.17	Total/NA	Solid	EPA 7471B	778794
180-202362-2	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 7471B	778794
180-202362-3	SSHS-IRM5A2-SCV130-0-0.17	Total/NA	Solid	EPA 7471B	778794
180-202362-4	SSHS-IRM5A2-SCV130-0.17-1	Total/NA	Solid	EPA 7471B	778794
180-202362-6	SSHS-IRM5A2-SCV131-0-0.17	Total/NA	Solid	EPA 7471B	778794
180-202362-7	SSHS-IRM5A2-SCV131-0.17-1	Total/NA	Solid	EPA 7471B	778794

Metals (Continued)

Analysis Batch: 779163 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-8	SSHS-IRM5A2-SCV-DUP-09	Total/NA	Solid	EPA 7471B	778794
180-202362-11	SSHS-IRM5A2-SCV132-0.17-1	Total/NA	Solid	EPA 7471B	778794
180-202362-12	SSHS-IRM5A2-SCV-DUP-10	Total/NA	Solid	EPA 7471B	778794
180-202362-15	SSHS-IRM5A2-SCV133-0-0.17	Total/NA	Solid	EPA 7471B	778794
180-202362-16	SSHS-IRM5A2-DUP-04	Total/NA	Solid	EPA 7471B	778794
180-202362-17	SSHS-IRM5A2-SCV133-0.17-1	Total/NA	Solid	EPA 7471B	778794
180-202362-18	SSHS-IRM5A2-SCV134-0-0.17	Total/NA	Solid	EPA 7471B	778794
180-202362-19	SSHS-IRM5A2-SCV134-0.17-1	Total/NA	Solid	EPA 7471B	778794
180-202362-20	SSHS-IRM5A2-DUP-06	Total/NA	Solid	EPA 7471B	778794
MB 410-778794/1-A	Method Blank	Total/NA	Solid	EPA 7471B	778794
LCS 410-778794/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	778794
180-202362-2 MS	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 7471B	778794
180-202362-2 MSD	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 7471B	778794
180-202362-2 DU	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 7471B	778794

Analysis Batch: 779775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-1	SSHS-IRM5A2-SCV141-0-0.17	Total/NA	Solid	EPA 6010D	778245
180-202362-2	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 6010D	778245
180-202362-3	SSHS-IRM5A2-SCV130-0-0.17	Total/NA	Solid	EPA 6010D	778245
180-202362-4	SSHS-IRM5A2-SCV130-0.17-1	Total/NA	Solid	EPA 6010D	778245
180-202362-6	SSHS-IRM5A2-SCV131-0-0.17	Total/NA	Solid	EPA 6010D	778245
180-202362-7	SSHS-IRM5A2-SCV131-0.17-1	Total/NA	Solid	EPA 6010D	778245
180-202362-8	SSHS-IRM5A2-SCV-DUP-09	Total/NA	Solid	EPA 6010D	778245
180-202362-11	SSHS-IRM5A2-SCV132-0.17-1	Total/NA	Solid	EPA 6010D	778245
180-202362-12	SSHS-IRM5A2-SCV-DUP-10	Total/NA	Solid	EPA 6010D	778245
180-202362-15	SSHS-IRM5A2-SCV133-0-0.17	Total/NA	Solid	EPA 6010D	778245
180-202362-16	SSHS-IRM5A2-DUP-04	Total/NA	Solid	EPA 6010D	778245
180-202362-17	SSHS-IRM5A2-SCV133-0.17-1	Total/NA	Solid	EPA 6010D	778245
180-202362-18	SSHS-IRM5A2-SCV134-0-0.17	Total/NA	Solid	EPA 6010D	778245
180-202362-19	SSHS-IRM5A2-SCV134-0.17-1	Total/NA	Solid	EPA 6010D	778245
180-202362-20	SSHS-IRM5A2-DUP-06	Total/NA	Solid	EPA 6010D	778245
MB 410-778245/1-A	Method Blank	Total/NA	Solid	EPA 6010D	778245
LCS 410-778245/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778245
180-202362-2 MS	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 6010D	778245
180-202362-2 MSD	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 6010D	778245
180-202362-2 DU	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	EPA 6010D	778245

General Chemistry

Analysis Batch: 777845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-1	SSHS-IRM5A2-SCV141-0-0.17	Total/NA	Solid	Moisture	
180-202362-2	SSHS-IRM5A2-SCV141-0.17-1	Total/NA	Solid	Moisture	
180-202362-3	SSHS-IRM5A2-SCV130-0-0.17	Total/NA	Solid	Moisture	
180-202362-4	SSHS-IRM5A2-SCV130-0.17-1	Total/NA	Solid	Moisture	
180-202362-5	SSHS-IRM5A2-SCV130-0.5-1	Total/NA	Solid	Moisture	
180-202362-6	SSHS-IRM5A2-SCV131-0-0.17	Total/NA	Solid	Moisture	
180-202362-7	SSHS-IRM5A2-SCV131-0.17-1	Total/NA	Solid	Moisture	
180-202362-8	SSHS-IRM5A2-SCV-DUP-09	Total/NA	Solid	Moisture	
180-202362-9	SSHS-IRM5A2-SCV131-0.5-1	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 777845 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202362-11	SSHS-IRM5A2-SCV132-0.17-1	Total/NA	Solid	Moisture	
180-202362-12	SSHS-IRM5A2-SCV-DUP-10	Total/NA	Solid	Moisture	
180-202362-13	SSHS-IRM5A2-SCV132-0.5-1	Total/NA	Solid	Moisture	
180-202362-14	SSHS-IRM5A2-DUP-13	Total/NA	Solid	Moisture	
180-202362-15	SSHS-IRM5A2-SCV133-0-0.17	Total/NA	Solid	Moisture	
180-202362-16	SSHS-IRM5A2-DUP-04	Total/NA	Solid	Moisture	
180-202362-17	SSHS-IRM5A2-SCV133-0.17-1	Total/NA	Solid	Moisture	
180-202362-18	SSHS-IRM5A2-SCV134-0-0.17	Total/NA	Solid	Moisture	
180-202362-19	SSHS-IRM5A2-SCV134-0.17-1	Total/NA	Solid	Moisture	
180-202362-20	SSHS-IRM5A2-DUP-06	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC3

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Miranda Stelmach	M O'Neill and M Pearson	Lage, Gail		180-45857-9656.1
Company: Geosyntec Consultants, Inc.	708-248-3888	E-Mail		Page: Page 1 of 2
Address: Geosyntec Consultants, Inc.	Due Date Requested:			Job #:
City: Minneapolis	TAT Requested (days): Standard			
State, Zip: MN, 55401				
Phone: 920-676-4194	PO #: 26008081-17847			
Email	WO #:			
Project Name: Former Sperry Remington	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633 - PFAS										Total Number of containers	Special Instructions/Note:
			Preservation Code				N	N	N	N	N											
SSHS-IRM5A2-SCV141-0-0.17	3/2/26	1255	C	S	N	N		X	X	X	X										3	
SSHS-IRM5A2-SCV141-0.17-1	3/2/26	1300	C	S	N	Y		X	X	X											4	
SSHS-IRM5A2-SCV130-0-0.17	3/2/26	1310	C	S	N	N		X	X	X											2	
SSHS-IRM5A2-SCV130-0.17-1	3/2/26	1315	C	S	N	N		X	X	X											2	
SSHS-IRM5A2-SCV130-0.5-1	3/2/26	1315	C	S	N	N	X														4	
SSHS-IRM5A2-SCV131-0-0.17	3/2/26	1325	C	S	N	N		X	X	X											2	
SSHS-IRM5A2-SCV131-0.17-1	3/2/26	1330	C	S	N	N		X	X	X											2	
SSHS-IRM5A2-SCV-DUP-09	3/2/26	--	C	S	N	N		X	X	X											2	
SSHS-IRM5A2-SCV131-0.5-1	3/2/26	1330	C	S	N	N	X														4	
SSHS-IRM5A2-SCV132-0-0.17	3/2/26	1350	C	S	N	N		X	X	X											2	
SSHS-IRM5A2-SCV132-0.17-1	3/2/26	1355	C	S	N	N		X	X	X											2	
SSHS-IRM5A2-SCV-DUP-10	3/2/26	--	C	S	N	N		X	X	X											2	



☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested. I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date:	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	3-2-26 1700	Geosyntec	Shelly Wrobbe	3/4/26 10:13	EPI-HWE
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC3

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: Geosyntec Consultants, Inc.	Due Date Requested:			
City: Minneapolis	TAT Requested (days): Standard			
State, Zip: MN, 55401				
Phone: 920-676-4194	PO #: 26008081-17847			
Email	WO #:			
Project Name: Former Sperry Remington	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code				N	N	N	N	N									
SSHS-IRM5A2-SCV132-0.5-1	3/2/26	1355	C	S	N	N	X												4	
SSHS-IRM5A2-DUP-13	3/2/26	--	C	S	N	N	X												4	
SSHS-IRM5A2-SCV133-0-0.17	3/2/26	1400	C	S	N	N		X	X	X	X								3	
SSHS-IRM5A2-DUP-04	3/2/26	--	C	S	N	N		X	X	X	X								3	
SSHS-IRM5A2-SCV133-0.17-1	3/2/26	1405	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV134-0-0.17	3/2/26	1415	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV134-0.17-1	3/2/26	1420	C	S	N	N		X	X	X	X								3	
SSHS-IRM5A2-DUP-06	3/2/26	--	C	S	N	N		X	X	X	X								3	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 3-2-26 1700	Company: Geosyntec	Received by: Shelly Swalter
Relinquished by:	Date/Time: 3/4/26 10:13	Company: EPA/FWE	
Relinquished by:	Date/Time	Company	Received by:
	Date/Time:	Company	
Relinquished by:	Date/Time	Company	Received by:
	Date/Time	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

3/18/2026



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 008

58KJ2/D126/484B

FedEx Express

J26102601201uv

180-202362 Waybill

4 of 6

MPS# 0263 8892 0800 6457
Mstr# 8892 0800 6424

0201

TUE - 03 MAR 10:30A
PRIORITY OVERNIGHT

15238

FedEx
MPS# 0263 8892 0800 6457

TUE - 03 MAR
PRIORITY OVERNIGHT

NP AGCA

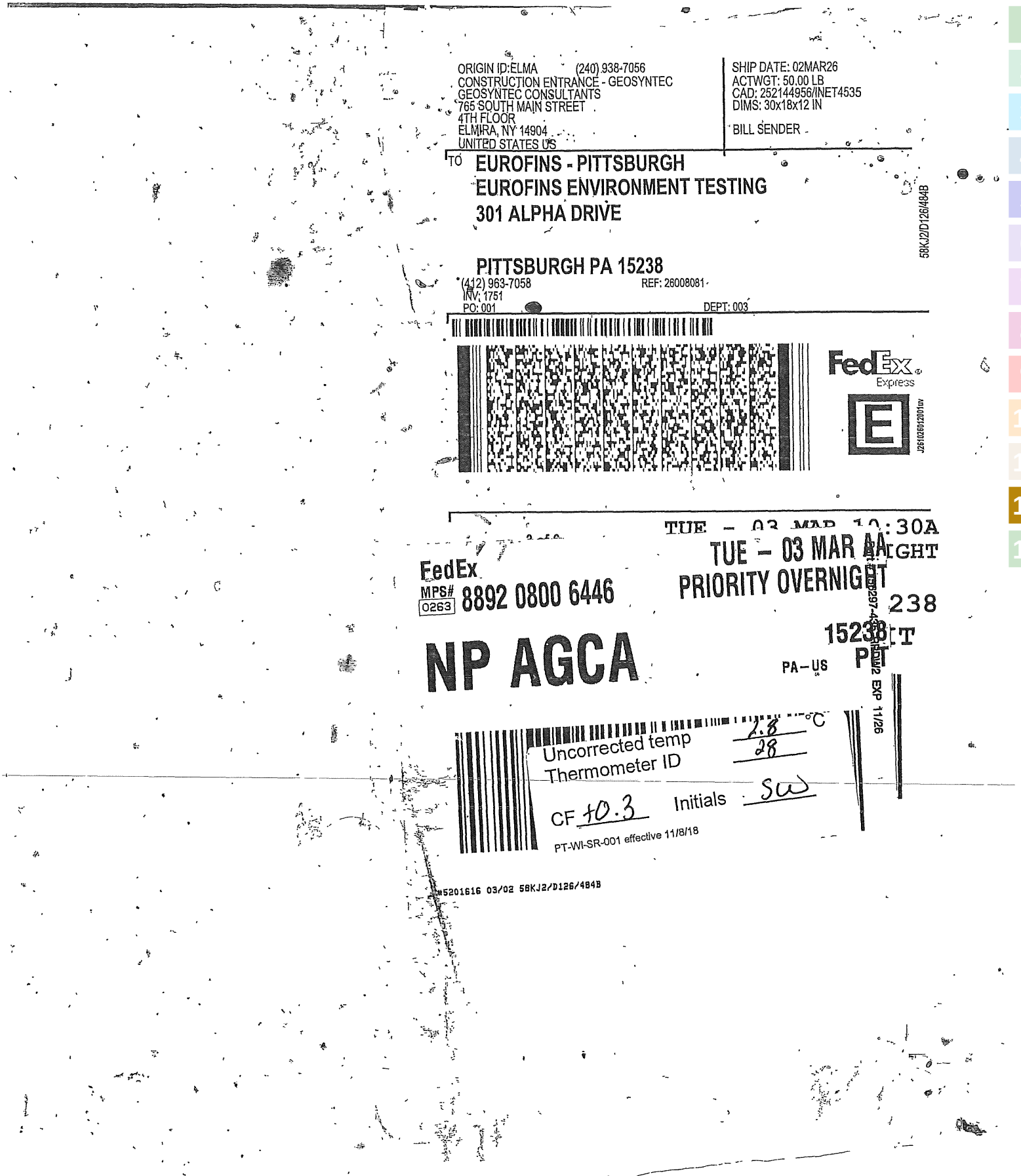
15238
PA-US

0297-4400-32 EDM2 EXP 11/26

Uncorrected temp 3.1 °C
Thermometer ID 28
CF 0.3 Initials SW
PT-WI-SR-001 effective 11/8/18

#5201616 03/02 58KJ2/D126/484B

963



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN
BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

J261026012001sv

TUE - 03 MAR 10:30A
PRIORITY OVERNIGHT

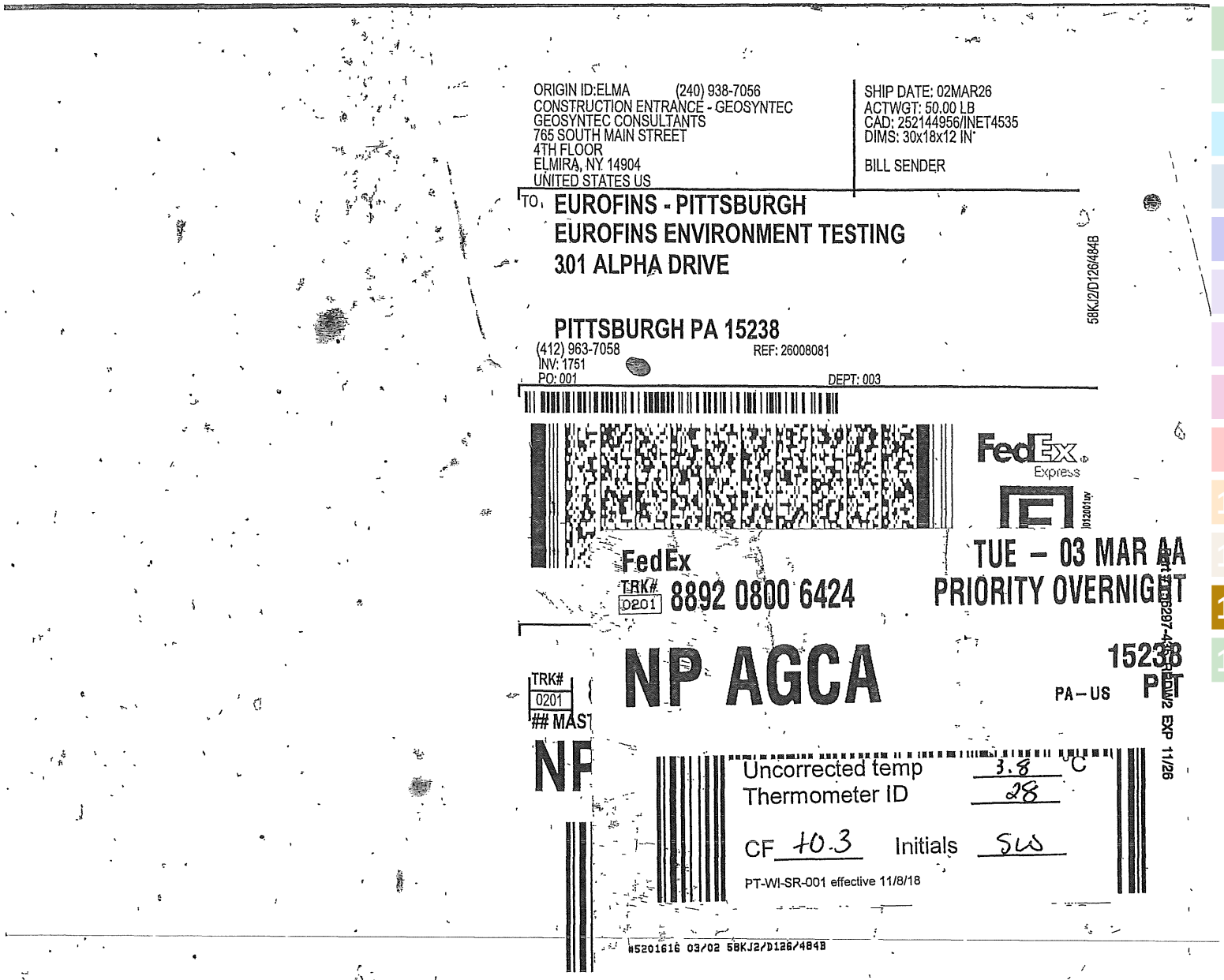
FedEx
MPS# 0263 8892 0800 6446

NP AGCA

15238
PA-US PIT

Uncorrected temp 2.8 °C
Thermometer ID 28
CF +0.3 Initials SW
PT-WI-SR-001 effective 11/8/18

W5201616 03/02 58KJ2/D126/484B



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN
BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

FedEx
TRK# 0201 8892 0800 6424

TUE - 03 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA-US PT

TRK# 0201
MAST
NF

Uncorrected temp 3.8 °C
Thermometer ID 28
CF 40.3 Initials SW
PT-WI-SR-001 effective 11/8/18

W5201616 03/02 58KJ2/D126/484B

Part #1000297-4 REV 2 EXP 11/26

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

J26102601201uy

2 of 6

MPS# 0263 8892 0800 6435
Mstr# 8892 0800 6424

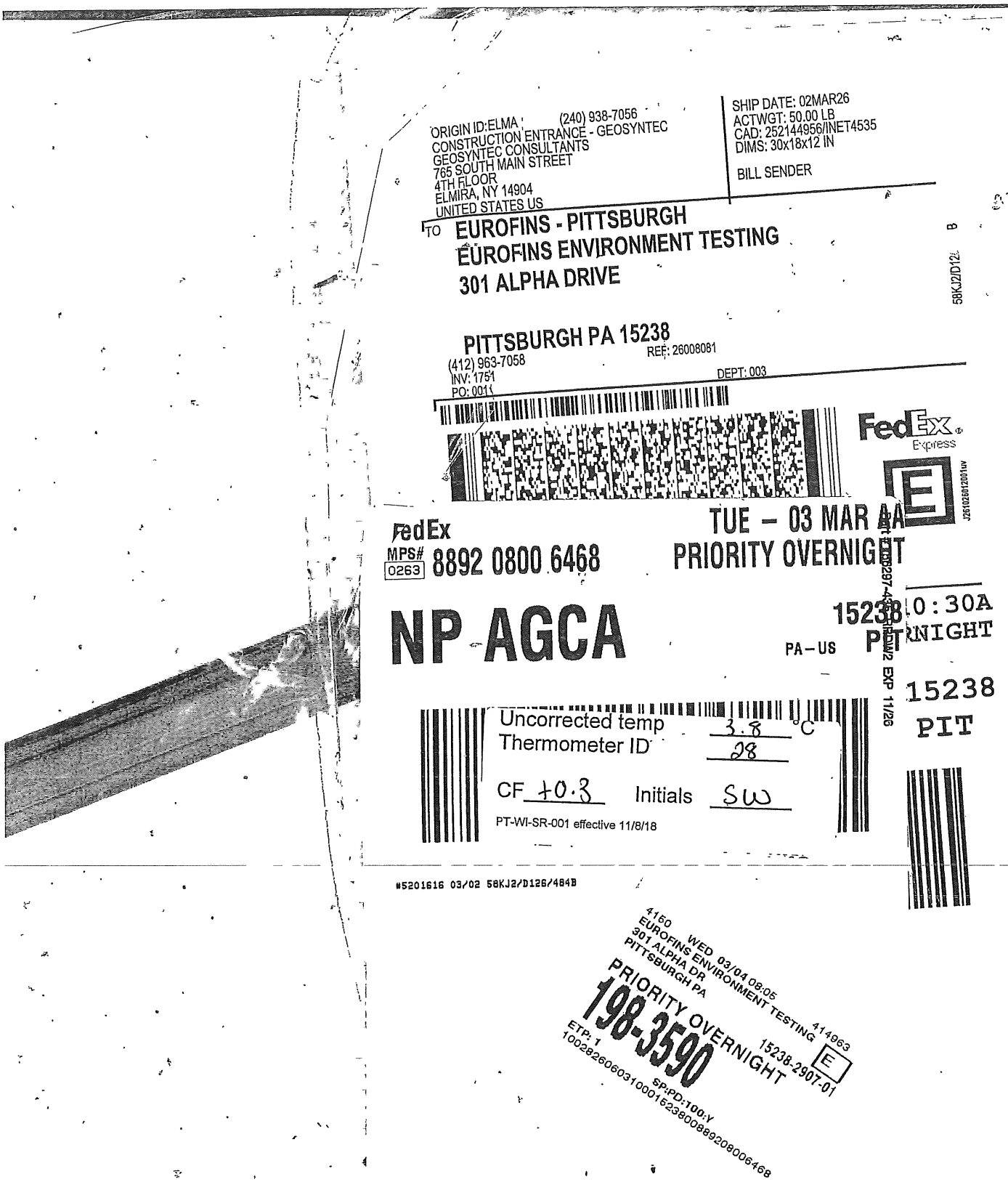
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PRIORITY OVERNIGHT

0201

NP AGCA

15238
PA-US PIT

Uncorrected temp 3.3 °C
Thermometer ID 28
CF +0.3 Initials SW
PT-WI-SR-001 effective 11/8/18



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058
INV: 1751
PO: 0011
REF: 26008081
DEPT: 003

58KJ2/D12

FedEx Express

J2610260120luv

FedEx
MPS# 0263 8892 0800 6468

TUE - 03 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238 10:30A
PA-US PRIORITY OVERNIGHT

15238
PIT

Uncorrected temp 3.8 °C
Thermometer ID 28
CF +0.3 Initials SW
PT-WI-SR-001 effective 11/8/18

#5201616 03/02 58KJ2/D126/484B

4160 WED 03/04 08:05
EUROFINS ENVIRONMENT TESTING 414963
301 ALPHA DR
PITTSBURGH PA
PRIORITY OVERNIGHT
198-3590
15238-2907-01 E
ETP: 1
SP:PD:100.Y
1002826060310001523800889208006468

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553757.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202362-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/17/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/3050BTAL_Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	MoisturePercent Moisture	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	PRE_SCREEN	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SSHS-IRM5A2-SCV141-0-0.17 (180-202362-1)	3/2/26	12:55 Eastern	G	Solid			X	X	X	X				2	Terracore Temp -7.6 CF +0.4
SSHS-IRM5A2-SCV141-0.17-1 (180-202362-2)	3/2/26	13:00 Eastern	G	Solid			X	X		X				1	-6.9 (FS)
SSHS-IRM5A2-SCV141-0.17-1 (180-202362-2MS)	3/2/26	13:00 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV141-0.17-1 (180-202362-2MSD)	3/2/26	13:00 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV130-0-0.17 (180-202362-3)	3/2/26	13:10 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV130-0.17-1 (180-202362-4)	3/2/26	13:15 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV130-0.5-1 (180-202362-5)	3/2/26	13:15 Eastern	G	Solid						X	X	X	X	4	
SSHS-IRM5A2-SCV131-0-0.17 (180-202362-6)	3/2/26	13:25 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV131-0.17-1 (180-202362-7)	3/2/26	13:30 Eastern	G	Solid			X	X		X				1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: James J. Hinkelmann	Date/Time: 3/4/26 14:00	Company: EPHNE	Received by: MA Date/Time: 3.4.26 1400 Company: ELE
Relinquished by: MA	Date/Time: 3.4.26 1815	Company: ELE	Received by: Date/Time: Company:
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: 3/4/26 1815 Company:

Custody Seals Intact: ☒ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: -8.2 - 4.0 / -8.0 - 4.2

Ver: 10/10/2024

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553757.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202362-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/17/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	MoisturePercent Moisture	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	PRE_SCREEN	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SSHS-IRM5A2-SCV-DUP-09 (180-202362-8)	3/2/26	Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV131-0.5-1 (180-202362-9)	3/2/26	13:30 Eastern	G	Solid						X	X	X	X	4	
SSHS-IRM5A2-SCV132-0.17-1 (180-202362-11)	3/2/26	13:55 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV-DUP-10 (180-202362-12)	3/2/26	Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV132-0.5-1 (180-202362-13)	3/2/26	13:55 Eastern	G	Solid						X	X	X	X	4	
SSHS-IRM5A2-DUP-13 (180-202362-14)	3/2/26	Eastern	G	Solid						X	X	X	X	4	
SSHS-IRM5A2-SCV133-0-0.17 (180-202362-15)	3/2/26	14:00 Eastern	G	Solid			X	X	X	X				2	
SSHS-IRM5A2-DUP-04 (180-202362-16)	3/2/26	Eastern	G	Solid			X	X	X	X				2	
SSHS-IRM5A2-SCV133-0.17-1 (180-202362-17)	3/2/26	14:05 Eastern	G	Solid			X	X		X				1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: James J. Hinkelman	Date/Time: 3/4/26 14:00	Company: EPITWE	Received by: MP	Date/Time: 3.4.26 1400	Company: EHS
Relinquished by: MP	Date/Time: 3.4.26 1815	Company: EHS	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/4/26 1815	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: -8.2-4.0/-8.0-4.2

Ver: 10/10/2024

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553757.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 3 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202362-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/17/2026			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	MoisturePercent Moisture	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	PRE_SCREEN	Total Number of containers	Special Instructions/Note:
Preservation Code:															
SSHS-IRM5A2-SCV134-0-0.17 (180-202362-18)	3/2/26	14:15 Eastern	G	Solid			X	X		X				1	
SSHS-IRM5A2-SCV134-0.17-1 (180-202362-19)	3/2/26	14:20 Eastern	G	Solid			X	X	X	X				2	
SSHS-IRM5A2-DUP-06 (180-202362-20)	3/2/26	Eastern	G	Solid			X	X	X	X				2	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	3/4/26 14:00	EPT/ENE	MQ	3.4.26 1400	ELE
2	MQ	3.4.26 1815	ELE			
3					3/4/26 1815	

Custody Seals Intact: ☑ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: -8.2-4.0/-8.0-4.2

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202362-1

Login Number: 202362
List Number: 1
Creator: Kovitch, Christina M

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202362-1

Login Number: 202362
List Number: 2
Creator: Martin, Elizabeth

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/04/26 10:09 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202362-1

Login Number: 202362
List Number: 3
Creator: Martin, Elizabeth

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/05/26 12:06 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Miranda Stelmach
Geosyntec Consultants Inc
111 N. Broadway, Suite C
Green Bay, Wisconsin 54303

Generated 3/18/2026 7:28:44 PM

JOB DESCRIPTION

Former Sperry Remington - NAF SCV

JOB NUMBER

180-202364-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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3/18/2026 7:28:44 PM

Authorized for release by
Gail Lage, Senior Project Manager
Gail.Lage@et.eurofinsus.com
(615)301-5741

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Job Narrative
180-202364-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/4/2026 10:13 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.1°C, 3.4°C, 3.6°C, 4.1°C and 4.1°C.

Receipt Exceptions
The following sample(s) was unable to be prepared and/or analyzed for volatiles due an instrument error during the initial analysis. There was insufficient sample available for re-analysis, due to the 2nd DI water vial and the methanol vial were received leaking and/or broken: SSHS-IRM5A2-SCV140-0.5-1 (180-202364-20).

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method EPA 8270E: The continuing calibration verification (CCV) analyzed in 180-510866 was outside the method criteria for the following analyte: Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method EPA 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 180-510840 and analytical batch 180-510866 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method EPA 8082A: The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: SSHS-IRM5A2-SCV142-0-0.17 (180-202364-2), SSHS-IRM5A2-SCV142-0.17-1 (180-202364-3), SSHS-IRM5A2-SCV136-0-0.17 (180-202364-5), SSHS-IRM5A2-SCV136-0.17-1 (180-202364-6), SSHS-IRM5A2-SCV137-0-0.17 (180-202364-8), SSHS-IRM5A2-SCV137-0.17-1 (180-202364-9), SSHS-IRM5A2-SCV138-0-0.17 (180-202364-11), SSHS-IRM5A2-SCV138-0.17-1 (180-202364-12), (LCS 180-510838/2-A), (MB 180-510838/1-A), (180-202364-B-2-A MS) and (180-202364-B-2-B MSD).6215174

Method EPA 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SSHS-IRM5A2-SCV142-0-0.17 (180-202364-2), SSHS-IRM5A2-SCV142-0.17-1 (180-202364-3), SSHS-IRM5A2-SCV136-0-0.17 (180-202364-5), SSHS-IRM5A2-SCV136-0.17-1 (180-202364-6), SSHS-IRM5A2-SCV137-0-0.17 (180-202364-8), SSHS-IRM5A2-SCV137-0.17-1 (180-202364-9), SSHS-IRM5A2-SCV138-0-0.17 (180-202364-11), SSHS-IRM5A2-SCV138-0.17-1 (180-202364-12), (LCS 180-510838/2-A), (MB 180-510838/1-A), (180-202364-B-2-A MS) and (180-202364-B-2-B MSD).6648760
6513163

Method EPA 8082A: The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: SSHS-IRM5A2-SCV139-0-0.17 (180-202364-14), SSHS-IRM5A2-SCV139-0.17-1 (180-202364-15), SSHS-IRM5A2-SCV139-0.17-1 (180-202364-15[MS]), SSHS-IRM5A2-SCV139-0.17-1 (180-202364-15[MSD]), SSHS-IRM5A2-SCV140-0-0.17

(180-202364-17), SSHS-IRM5A2-SCV140-0.17-1 (180-202364-18), SSHS-IRM5A2-SCVDUP11 (180-202364-19), (LCS 180-510868/2-A) and (MB 180-510868/1-A).6215174

Method EPA 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SSHS-IRM5A2-SCV139-0-0.17 (180-202364-14), SSHS-IRM5A2-SCV139-0.17-1 (180-202364-15), SSHS-IRM5A2-SCV139-0.17-1 (180-202364-15[MS]), SSHS-IRM5A2-SCV139-0.17-1 (180-202364-15[MSD]), SSHS-IRM5A2-SCV140-0-0.17 (180-202364-17), SSHS-IRM5A2-SCV140-0.17-1 (180-202364-18), SSHS-IRM5A2-SCVDUP11 (180-202364-19), (LCS 180-510868/2-A) and (MB 180-510868/1-A).6648760
6513163

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PFAS
Method 1633A: The labeled isotopes 13C2 4:2 FTS is outside QC acceptance limits. Since the recovery in sample SSHS-IRM5A2-SCV137-0-0.17 (180-202364-8) and SSHS-IRM5A2-SCV139-0.17-1 (180-202364-15[MSD]) is less than 350%, the data is reported.

Method 1633A: The labeled isotopes d3-NMeFOSAA is outside QC acceptance limits. Since the recovery in sample SSHS-IRM5A2-SCV139-0.17-1 (180-202364-15[MS]) and SSHS-IRM5A2-SCV139-0.17-1 (180-202364-15[MSD]) is less than 200%, the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Laboratory: Eurofins Pittsburgh

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	03-31-26

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
EPA 8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington - NAF SCV

Job ID: 180-202364-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
180-202364-1	SSHS-IRM5A2-SCV143-0.5-1	Solid	03/02/26 10:35	03/04/26 10:13	New York
180-202364-2	SSHS-IRM5A2-SCV142-0-0.17	Solid	03/02/26 10:40	03/04/26 10:13	New York
180-202364-3	SSHS-IRM5A2-SCV142-0.17-1	Solid	03/02/26 10:45	03/04/26 10:13	New York
180-202364-4	SSHS-IRM5A2-SCV142-0.5-1	Solid	03/02/26 10:45	03/04/26 10:13	New York
180-202364-5	SSHS-IRM5A2-SCV136-0-0.17	Solid	03/02/26 12:00	03/04/26 10:13	New York
180-202364-6	SSHS-IRM5A2-SCV136-0.17-1	Solid	03/02/26 12:05	03/04/26 10:13	New York
180-202364-7	SSHS-IRM5A2-SCV136-0.5-1	Solid	03/02/26 12:05	03/04/26 10:13	New York
180-202364-8	SSHS-IRM5A2-SCV137-0-0.17	Solid	03/02/26 12:10	03/04/26 10:13	New York
180-202364-9	SSHS-IRM5A2-SCV137-0.17-1	Solid	03/02/26 12:15	03/04/26 10:13	New York
180-202364-10	SSHS-IRM5A2-SCV137-0.5-1	Solid	03/02/26 12:15	03/04/26 10:13	New York
180-202364-11	SSHS-IRM5A2-SCV138-0-0.17	Solid	03/02/26 12:20	03/04/26 10:13	New York
180-202364-12	SSHS-IRM5A2-SCV138-0.17-1	Solid	03/02/26 12:25	03/04/26 10:13	New York
180-202364-13	SSHS-IRM5A2-SCV138-0.5-1	Solid	03/02/26 12:25	03/04/26 10:13	New York
180-202364-14	SSHS-IRM5A2-SCV139-0-0.17	Solid	03/02/26 12:30	03/04/26 10:13	New York
180-202364-15	SSHS-IRM5A2-SCV139-0.17-1	Solid	03/02/26 12:35	03/04/26 10:13	New York
180-202364-16	SSHS-IRM5A2-SCV139-0.5-1	Solid	03/02/26 12:35	03/04/26 10:13	New York
180-202364-17	SSHS-IRM5A2-SCV140-0-0.17	Solid	03/02/26 12:45	03/04/26 10:13	New York
180-202364-18	SSHS-IRM5A2-SCV140-0.17-1	Solid	03/02/26 12:50	03/04/26 10:13	New York
180-202364-19	SSHS-IRM5A2-SCVDUP11	Solid	03/02/26 00:00	03/04/26 10:13	New York

Method Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
EPA 6010D	Metals (ICP)	SW846	ELLE
EPA 7471B	Mercury (CVAA)	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	ELLE
3541	Automated Soxhlet Extraction	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV143-0.5-1
Lab Sample ID: 180-202364-1
Date Collected: 03/02/26 10:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.92 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781565	03/12/26 16:31	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV142-0-0.17
Lab Sample ID: 180-202364-2
Date Collected: 03/02/26 10:40
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV142-0-0.17
Lab Sample ID: 180-202364-2
Date Collected: 03/02/26 10:40
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.33 g	5.0 mL	510840	03/04/26 13:53	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 13:09	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.30 g	20.0 mL	510838	03/04/26 13:42	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 19:09	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.51 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:55	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.60 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:39	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV142-0.17-1
Lab Sample ID: 180-202364-3
Date Collected: 03/02/26 10:45
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV142-0.17-1
Lab Sample ID: 180-202364-3
Date Collected: 03/02/26 10:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.43 g	5.0 mL	510840	03/04/26 13:53	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 14:15	VVP	EET PIT
	Instrument ID: CH731									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV142-0.17-1
Lab Sample ID: 180-202364-3
Date Collected: 03/02/26 10:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.35 g	20.0 mL	510838	03/04/26 13:42	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 20:02	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.52 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 11:58	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.60 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:44	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV142-0.5-1
Lab Sample ID: 180-202364-4
Date Collected: 03/02/26 10:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.65 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	782285	03/13/26 16:13	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV136-0-0.17
Lab Sample ID: 180-202364-5
Date Collected: 03/02/26 12:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777845	03/05/26 02:45	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV136-0-0.17
Lab Sample ID: 180-202364-5
Date Collected: 03/02/26 12:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.30 g	5.0 mL	510840	03/04/26 13:53	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 14:38	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.12 g	20.0 mL	510838	03/04/26 13:42	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 20:19	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.51 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 12:01	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.60 g	100 mL	778794	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 20:46	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV136-0.17-1
Lab Sample ID: 180-202364-6
Date Collected: 03/02/26 12:05
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777871	03/05/26 05:01	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV136-0.17-1
Lab Sample ID: 180-202364-6
Date Collected: 03/02/26 12:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.39 g	5.0 mL	510840	03/04/26 13:53	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 15:00	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.08 g	20.0 mL	510838	03/04/26 13:42	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 20:37	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	1633A			2.30 g	5 mL	778771	03/06/26 09:54	AM9P	ELLE
Total/NA	Analysis	1633A		1			781227	03/11/26 22:49	XBL5	ELLE
	Instrument ID: 30576									
Total/NA	Prep	3050B			0.50 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 12:04	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.65 g	100 mL	778104	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 19:36	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV136-0.5-1
Lab Sample ID: 180-202364-7
Date Collected: 03/02/26 12:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.6 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781592	03/12/26 17:16	ULCP	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV137-0-0.17
Lab Sample ID: 180-202364-8
Date Collected: 03/02/26 12:10
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777871	03/05/26 05:01	VGDO	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV137-0-0.17
Lab Sample ID: 180-202364-8
Date Collected: 03/02/26 12:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 66.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.24 g	5.0 mL	510840	03/04/26 13:53	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 15:22	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.18 g	20.0 mL	510838	03/04/26 13:42	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 20:55	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	1633A			3.09 g	5 mL	778771	03/06/26 09:54	AM9P	ELLE
Total/NA	Analysis	1633A		1			781227	03/11/26 23:02	XBL5	ELLE
	Instrument ID: 30576									
Total/NA	Prep	3050B			0.54 g	50 mL	778245	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779775	03/09/26 12:07	WQOE	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.63 g	100 mL	778104	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 19:38	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV137-0.17-1
Lab Sample ID: 180-202364-9
Date Collected: 03/02/26 12:15
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777871	03/05/26 05:01	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV137-0.17-1
Lab Sample ID: 180-202364-9
Date Collected: 03/02/26 12:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.11 g	5.0 mL	510840	03/04/26 13:53	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 15:45	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.16 g	20.0 mL	510838	03/04/26 13:42	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 21:12	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.55 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 20:58	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.60 g	100 mL	778104	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 19:40	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV137-0.5-1
Lab Sample ID: 180-202364-10
Date Collected: 03/02/26 12:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.948 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781592	03/12/26 17:38	ULCP	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV138-0-0.17
Lab Sample ID: 180-202364-11
Date Collected: 03/02/26 12:20
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777871	03/05/26 05:01	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV138-0-0.17
Lab Sample ID: 180-202364-11
Date Collected: 03/02/26 12:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.40 g	5.0 mL	510840	03/04/26 13:53	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 16:07	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.14 g	20.0 mL	510838	03/04/26 13:42	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 21:30	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.52 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 21:13	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.63 g	100 mL	778104	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 19:42	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV138-0.17-1
Lab Sample ID: 180-202364-12
Date Collected: 03/02/26 12:25
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777871	03/05/26 05:01	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV138-0.17-1
Lab Sample ID: 180-202364-12
Date Collected: 03/02/26 12:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.40 g	5.0 mL	510840	03/04/26 13:53	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 16:29	VVP	EET PIT
	Instrument ID: CH731									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV138-0.17-1
Lab Sample ID: 180-202364-12
Date Collected: 03/02/26 12:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.47 g	20.0 mL	510838	03/04/26 13:42	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510855	03/05/26 21:47	JMO	EET PIT
	Instrument ID: CHGC20									
Total/NA	Prep	3050B			0.50 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 21:16	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	778104	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 19:44	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV138-0.5-1
Lab Sample ID: 180-202364-13
Date Collected: 03/02/26 12:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.637 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781592	03/12/26 18:00	ULCP	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV139-0-0.17
Lab Sample ID: 180-202364-14
Date Collected: 03/02/26 12:30
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777871	03/05/26 05:01	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV139-0-0.17
Lab Sample ID: 180-202364-14
Date Collected: 03/02/26 12:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.0 g	5.0 mL	510840	03/05/26 02:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 16:51	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.26 g	20.0 mL	510868	03/05/26 07:52	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 08:44	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.52 g	50 mL	778249	03/06/26 09:15	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			779175	03/06/26 21:19	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.62 g	100 mL	778104	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 19:46	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Lab Sample ID: 180-202364-15
Date Collected: 03/02/26 12:35
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777871	03/05/26 05:01	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Lab Sample ID: 180-202364-15
Date Collected: 03/02/26 12:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	5.0 mL	510840	03/05/26 02:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 17:14	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.35 g	20.0 mL	510868	03/05/26 07:52	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 07:50	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.40 g	5 mL	778771	03/06/26 09:54	AM9P	ELLE
Total/NA	Analysis	1633A		1			781227	03/11/26 22:08	XBL5	ELLE
	Instrument ID: 30576									
Total/NA	Prep	3050B			0.50 g	50 mL	777889	03/05/26 09:45	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			778500	03/05/26 19:35	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	778104	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 18:52	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV139-0.5-1
Lab Sample ID: 180-202364-16
Date Collected: 03/02/26 12:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.994 g	5 mL	781028	03/04/26 10:23	PV7W	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	781592	03/12/26 18:22	ULCP	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV140-0-0.17
Lab Sample ID: 180-202364-17
Date Collected: 03/02/26 12:45
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777871	03/05/26 05:01	VGDO	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV140-0-0.17
Lab Sample ID: 180-202364-17
Date Collected: 03/02/26 12:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 55.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.1 g	5.0 mL	510840	03/05/26 02:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 18:20	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.49 g	20.0 mL	510868	03/05/26 07:52	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 09:02	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	778268	03/06/26 00:03	UJL8	ELLE
Total/NA	Analysis	EPA 6010D		1			778927	03/06/26 13:20	WQOE	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.62 g	100 mL	778104	03/06/26 14:17	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			779163	03/06/26 19:48	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV140-0.17-1
Lab Sample ID: 180-202364-18
Date Collected: 03/02/26 12:50
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777871	03/05/26 05:01	VGDO	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV140-0.17-1
Lab Sample ID: 180-202364-18
Date Collected: 03/02/26 12:50
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.3 g	5.0 mL	510840	03/05/26 02:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 18:42	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.49 g	20.0 mL	510868	03/05/26 07:52	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 09:20	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	778039	03/05/26 09:45	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			778500	03/05/26 21:47	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.60 g	100 mL	777956	03/05/26 12:00	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			778382	03/05/26 17:00	IJ3I	ELLE
	Instrument ID: M16									

Client Sample ID: SSHS-IRM5A2-SCVDUP11
Lab Sample ID: 180-202364-19
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			777871	03/05/26 05:01	VGDO	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCVDUP11
Lab Sample ID: 180-202364-19
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.2 g	5.0 mL	510840	03/05/26 02:52	SAB	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510866	03/05/26 19:05	VVP	EET PIT
	Instrument ID: CH731									
Total/NA	Prep	3541			15.10 g	20.0 mL	510868	03/05/26 07:54	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 09:38	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.51 g	50 mL	778039	03/05/26 09:45	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			778500	03/05/26 21:44	T8CQ	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.62 g	100 mL	777956	03/05/26 12:00	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			778382	03/05/26 17:04	IJ3I	ELLE
	Instrument ID: M16									

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Analyst References:

Lab: EET PIT

Batch Type: Prep

DVC = Daniel Capodanno

SAB = Sharon Bacha

Batch Type: Analysis

JMO = John Oravec

VVP = Vincent Piccolino

Lab: ELLE

Batch Type: Prep

AM9P = Laetitia Ngalula

HNC4 = Mindy Schantzenbach

PV7W = Trinity Breneman

RFN5 = Aniyah Oxendine

UJL8 = James Mertz

VT6A = Akram Girgis

Batch Type: Analysis

IJ3I = Elizabeth Brittingham

T8CQ = Sera Bargo

ULCP = Linda Pape

VGDO = Carlos Lebron-Marte

WQOE = Ryan O'Kane

XBL5 = Ruopeng Dong

Client Sample ID: SSHS-IRM5A2-SCV143-0.5-1
Lab Sample ID: 180-202364-1
Date Collected: 03/02/26 10:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		23	6.9	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Benzene	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Bromoform	ND		12	5.8	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Bromomethane	ND		5.8	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
2-Butanone (MEK)	ND		12	2.3	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Carbon disulfide	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Carbon tetrachloride	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Chlorobenzene	ND		5.8	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Chlorobromomethane	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Chlorodibromomethane	ND		5.8	0.58	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Chloroethane	ND		5.8	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Chloroform	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Chloromethane	ND		5.8	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
cis-1,2-Dichloroethene	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
cis-1,3-Dichloropropene	ND		5.8	0.69	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Cyclohexane	ND		5.8	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,2-Dibromo-3-Chloropropane	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,2-Dibromoethane	ND		5.8	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,2-Dichlorobenzene	ND		5.8	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,3-Dichlorobenzene	ND		5.8	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,4-Dichlorobenzene	ND		5.8	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Dichlorobromomethane	ND		5.8	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Dichlorodifluoromethane	ND		5.8	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,1-Dichloroethane	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,2-Dichloroethane	ND		5.8	0.69	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,1-Dichloroethene	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,2-Dichloroethene, Total	ND		12	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,2-Dichloropropane	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,4-Dioxane	ND		290	43	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Ethylbenzene	ND		5.8	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
2-Hexanone	ND		12	2.9	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Isopropylbenzene	ND		5.8	1.7	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Methyl acetate	ND		5.8	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Methylcyclohexane	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Methylene Chloride	**6.2**		5.8	2.3	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
4-Methyl-2-pentanone (MIBK)	ND		12	2.3	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Methyl tert-butyl ether	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
m-Xylene & p-Xylene	ND		5.8	2.3	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
o-Xylene	ND		5.8	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Styrene	ND		5.8	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,1,2,2-Tetrachloroethane	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Tetrachloroethene	ND		5.8	1.7	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Toluene	ND		5.8	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
trans-1,2-Dichloroethene	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
trans-1,3-Dichloropropene	ND		5.8	0.69	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,2,3-Trichlorobenzene	ND		12	5.8	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,2,4-Trichlorobenzene	ND		12	5.8	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,1,1-Trichloroethane	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,1,2-Trichloroethane	ND		5.8	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV143-0.5-1
Lab Sample ID: 180-202364-1
Date Collected: 03/02/26 10:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Trichlorofluoromethane	ND		5.8	1.2	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Vinyl chloride	ND		5.8	0.93	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1
Xylenes, Total	ND		12	0.81	ug/Kg	☼	03/04/26 10:23	03/12/26 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*	*03/04/26 10:23*	*03/12/26 16:31*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 141*	*03/04/26 10:23*	*03/12/26 16:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*	*03/04/26 10:23*	*03/12/26 16:31*	*1*
Toluene-d8 (Surr)	*95*		*52 - 141*	*03/04/26 10:23*	*03/12/26 16:31*	*1*

Client Sample ID: SSHS-IRM5A2-SCV142-0-0.17
Lab Sample ID: 180-202364-2
Date Collected: 03/02/26 10:40
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	22	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Acenaphthylene	ND		78	17	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Acetophenone	ND	F1	780	140	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Anthracene	**21**	**J**	78	20	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Atrazine	ND		780	170	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Benzaldehyde	ND	F1	780	48	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Benzo[a]anthracene	**66**	**J**	78	35	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Benzo[a]pyrene	**61**	**J**	78	34	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Benzo[b]fluoranthene	**88**		78	19	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Benzo[g,h,i]perylene	ND		78	17	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Benzo[k]fluoranthene	**44**	**J**	78	23	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Bis(2-chloroethyl)ether	ND		78	24	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Butyl benzyl phthalate	ND	F1	1900	270	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Caprolactam	ND	F1	2000	250	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Carbazole	ND	F1	78	18	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Chrysene	**70**	**J**	78	43	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Dibenz(a,h)anthracene	ND		78	50	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Dimethyl phthalate	ND		780	430	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Di-n-butyl phthalate	ND		3800	810	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
4,6-Dinitro-2-methylphenol	ND	F1	2000	670	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2,4-Dinitrotoluene	ND	F1	380	230	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Di-n-octyl phthalate	ND		380	230	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
1,4-Dioxane	ND	F2	780	240	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Fluoranthene	**170**		78	20	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Fluorene	ND		78	15	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Hexachloroethane	ND	F2	380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Indeno[1,2,3-cd]pyrene	ND		78	39	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Isophorone	ND		380	150	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2-Methylnaphthalene	ND		78	19	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1

Client Sample ID: SSHS-IRM5A2-SCV142-0-0.17
Lab Sample ID: 180-202364-2
Date Collected: 03/02/26 10:40
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Naphthalene	ND		78	15	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Nitrobenzene	ND		780	140	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Phenanthrene	**100**		78	21	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Phenol	ND	F1	380	120	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
Pyrene	**120**		78	27	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 13:53	03/05/26 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*44 - 105*	*03/04/26 13:53*	*03/05/26 13:09*	*1*
2-Fluorophenol (Surr)	*84*		*48 - 105*	*03/04/26 13:53*	*03/05/26 13:09*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 105*	*03/04/26 13:53*	*03/05/26 13:09*	*1*
Phenol-d5 (Surr)	*90*		*46 - 105*	*03/04/26 13:53*	*03/05/26 13:09*	*1*
Terphenyl-d14 (Surr)	*87*		*39 - 105*	*03/04/26 13:53*	*03/05/26 13:09*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*34 - 108*	*03/04/26 13:53*	*03/05/26 13:09*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	03/04/26 13:42	03/05/26 19:09	1
PCB-1221	ND		19	6.9	ug/Kg	☼	03/04/26 13:42	03/05/26 19:09	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/04/26 13:42	03/05/26 19:09	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:42	03/05/26 19:09	1
PCB-1248	ND		19	4.7	ug/Kg	☼	03/04/26 13:42	03/05/26 19:09	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/04/26 13:42	03/05/26 19:09	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/04/26 13:42	03/05/26 19:09	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/04/26 13:42	03/05/26 19:09	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 13:42	03/05/26 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*26 - 142*	*03/04/26 13:42*	*03/05/26 19:09*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*26 - 142*	*03/04/26 13:42*	*03/05/26 19:09*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*17 - 144*	*03/04/26 13:42*	*03/05/26 19:09*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*17 - 144*	*03/04/26 13:42*	*03/05/26 19:09*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.8	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Aluminum	**11000**		35	10	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1

Client Sample ID: SSHS-IRM5A2-SCV142-0-0.17
Lab Sample ID: 180-202364-2

Date Collected: 03/02/26 10:40
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.3

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		5.8	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Barium	63		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Beryllium	0.47	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Cadmium	0.14	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Calcium	23000		58	24	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Chromium	15		1.7	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Cobalt	8.2		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Copper	22		2.3	0.90	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Iron	21000		23	9.3	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Lead	15		1.7	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Magnesium	5400		23	4.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Manganese	400		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Nickel	20		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Potassium	1300		120	41	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Silver	ND		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Sodium	66	J	120	47	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Zinc	77		2.3	0.93	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1
Vanadium	15		1.2	0.50	mg/Kg	☼	03/07/26 07:30	03/09/26 11:55	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052	J	0.071	0.024	mg/Kg	☼	03/06/26 14:17	03/06/26 20:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	15.7		1.0	1.0	%			03/05/26 02:45	1

Client Sample ID: SSHS-IRM5A2-SCV142-0.17-1
Lab Sample ID: 180-202364-3
Date Collected: 03/02/26 10:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	22	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Acetophenone	ND		750	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Anthracene	**37**	**J**	75	19	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Atrazine	ND		750	160	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Benzaldehyde	ND		750	47	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Benzo[a]anthracene	**170**		75	34	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Benzo[a]pyrene	**190**		75	33	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Benzo[b]fluoranthene	**230**		75	18	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Benzo[g,h,i]perylene	**140**		75	16	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Benzo[k]fluoranthene	**130**		75	23	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Carbazole	ND		75	18	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Chrysene	**200**		75	42	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Dimethyl phthalate	ND		750	420	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
1,4-Dioxane	ND		750	240	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Fluoranthene	**400**		75	20	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Fluorene	ND		75	15	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Indeno[1,2,3-cd]pyrene	**110**		75	37	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1

Client Sample ID: SSHS-IRM5A2-SCV142-0.17-1
Lab Sample ID: 180-202364-3
Date Collected: 03/02/26 10:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Naphthalene	ND		75	15	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Phenanthrene	**190**		75	20	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
Pyrene	**330**		75	26	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/04/26 13:53	03/05/26 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*44 - 105*	*03/04/26 13:53*	*03/05/26 14:15*	*1*
2-Fluorophenol (Surr)	*84*		*48 - 105*	*03/04/26 13:53*	*03/05/26 14:15*	*1*
Nitrobenzene-d5 (Surr)	*88*		*46 - 105*	*03/04/26 13:53*	*03/05/26 14:15*	*1*
Phenol-d5 (Surr)	*91*		*46 - 105*	*03/04/26 13:53*	*03/05/26 14:15*	*1*
Terphenyl-d14 (Surr)	*95*		*39 - 105*	*03/04/26 13:53*	*03/05/26 14:15*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*34 - 108*	*03/04/26 13:53*	*03/05/26 14:15*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/04/26 13:42	03/05/26 20:02	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 13:42	03/05/26 20:02	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 13:42	03/05/26 20:02	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:42	03/05/26 20:02	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 13:42	03/05/26 20:02	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/04/26 13:42	03/05/26 20:02	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 13:42	03/05/26 20:02	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/04/26 13:42	03/05/26 20:02	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 13:42	03/05/26 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/04/26 13:42*	*03/05/26 20:02*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/04/26 13:42*	*03/05/26 20:02*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*17 - 144*	*03/04/26 13:42*	*03/05/26 20:02*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/04/26 13:42*	*03/05/26 20:02*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.6	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Aluminum	**11000**		33	10	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV142-0.17-1
Lab Sample ID: 180-202364-3
Date Collected: 03/02/26 10:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		5.6	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Barium	68		0.56	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Beryllium	0.48	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Cadmium	0.11	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Calcium	20000		56	23	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Chromium	14		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Cobalt	7.6		0.56	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Copper	20		2.2	0.86	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Iron	19000		22	8.9	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Lead	18		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Magnesium	5000		22	4.5	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Manganese	380		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Nickel	18		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Potassium	1400		110	39	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Selenium	ND		5.6	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Sodium	72	J	110	45	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Zinc	71		2.2	0.89	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1
Vanadium	15		1.1	0.48	mg/Kg	☼	03/07/26 07:30	03/09/26 11:58	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	J	0.069	0.023	mg/Kg	☼	03/06/26 14:17	03/06/26 20:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.6		1.0	1.0	%			03/05/26 02:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV142-0.5-1
Lab Sample ID: 180-202364-4
Date Collected: 03/02/26 10:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		17	5.2	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Benzene	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Bromoform	ND		8.7	4.3	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Bromomethane	ND		4.3	0.87	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
2-Butanone (MEK)	ND		8.7	1.7	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Carbon disulfide	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Carbon tetrachloride	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Chlorobenzene	ND		4.3	0.78	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Chlorobromomethane	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Chlorodibromomethane	ND		4.3	0.43	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Chloroethane	ND		4.3	0.87	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Chloroform	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Chloromethane	ND		4.3	0.87	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
cis-1,2-Dichloroethene	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
cis-1,3-Dichloropropene	ND		4.3	0.52	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Cyclohexane	ND		4.3	0.78	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,2-Dibromo-3-Chloropropane	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,2-Dibromoethane	ND		4.3	0.61	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,2-Dichlorobenzene	ND		4.3	0.78	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,3-Dichlorobenzene	ND		4.3	0.87	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,4-Dichlorobenzene	ND		4.3	0.78	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Dichlorobromomethane	ND		4.3	0.61	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Dichlorodifluoromethane	ND		4.3	0.87	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,1-Dichloroethane	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,2-Dichloroethane	ND		4.3	0.52	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,1-Dichloroethene	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,2-Dichloroethene, Total	ND		8.7	0.87	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,2-Dichloropropane	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,4-Dioxane	ND		220	32	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Ethylbenzene	ND		4.3	0.87	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
2-Hexanone	ND		8.7	2.2	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Isopropylbenzene	ND		4.3	1.3	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Methyl acetate	ND		4.3	0.87	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Methylcyclohexane	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Methylene Chloride	**4.2**	**J**	4.3	1.7	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
4-Methyl-2-pentanone (MIBK)	ND		8.7	1.7	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Methyl tert-butyl ether	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
m-Xylene & p-Xylene	ND		4.3	1.7	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
o-Xylene	ND		4.3	0.87	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Styrene	ND		4.3	0.78	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,1,2,2-Tetrachloroethane	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Tetrachloroethene	ND		4.3	1.3	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Toluene	ND		4.3	0.87	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
trans-1,2-Dichloroethene	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
trans-1,3-Dichloropropene	ND		4.3	0.52	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,2,3-Trichlorobenzene	ND		8.7	4.3	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,2,4-Trichlorobenzene	ND		8.7	4.3	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,1,1-Trichloroethane	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,1,2-Trichloroethane	ND		4.3	0.61	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV142-0.5-1
Lab Sample ID: 180-202364-4
Date Collected: 03/02/26 10:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Trichlorofluoromethane	ND		4.3	0.87	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.7	0.78	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Vinyl chloride	ND		4.3	0.69	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1
Xylenes, Total	ND		8.7	0.61	ug/Kg	☼	03/04/26 10:23	03/13/26 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*	*03/04/26 10:23*	*03/13/26 16:13*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 141*	*03/04/26 10:23*	*03/13/26 16:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*54 - 135*	*03/04/26 10:23*	*03/13/26 16:13*	*1*
Toluene-d8 (Surr)	*95*		*52 - 141*	*03/04/26 10:23*	*03/13/26 16:13*	*1*

Client Sample ID: SSHS-IRM5A2-SCV136-0-0.17
Lab Sample ID: 180-202364-5
Date Collected: 03/02/26 12:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Acetophenone	ND		770	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Anthracene	ND		77	20	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Atrazine	ND		770	170	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Benzo[a]anthracene	ND		77	35	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Benzo[a]pyrene	ND		77	33	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Benzo[b]fluoranthene	**46**	**J**	77	19	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Benzo[g,h,i]perylene	**20**	**J**	77	17	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Benzo[k]fluoranthene	**29**	**J**	77	23	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Carbazole	ND		77	18	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Chrysene	ND		77	43	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Dimethyl phthalate	ND		770	420	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Fluoranthene	**56**	**J**	77	20	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Fluorene	ND		77	15	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Indeno[1,2,3-cd]pyrene	ND		77	38	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Isophorone	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1

Client Sample ID: SSHS-IRM5A2-SCV136-0-0.17
Lab Sample ID: 180-202364-5

Date Collected: 03/02/26 12:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Naphthalene	ND		77	15	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2-Nitroaniline	ND		2000	170	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
3-Nitroaniline	ND		2000	97	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Phenanthrene	**27**	**J**	77	21	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Phenol	ND		380	120	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
Pyrene	**49**	**J**	77	27	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/04/26 13:53	03/05/26 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*03/04/26 13:53*	*03/05/26 14:38*	*1*
2-Fluorophenol (Surr)	*72*		*48 - 105*	*03/04/26 13:53*	*03/05/26 14:38*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*	*03/04/26 13:53*	*03/05/26 14:38*	*1*
Phenol-d5 (Surr)	*78*		*46 - 105*	*03/04/26 13:53*	*03/05/26 14:38*	*1*
Terphenyl-d14 (Surr)	*81*		*39 - 105*	*03/04/26 13:53*	*03/05/26 14:38*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*34 - 108*	*03/04/26 13:53*	*03/05/26 14:38*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	03/04/26 13:42	03/05/26 20:19	1
PCB-1221	ND		19	6.9	ug/Kg	☼	03/04/26 13:42	03/05/26 20:19	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/04/26 13:42	03/05/26 20:19	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:42	03/05/26 20:19	1
PCB-1248	ND		19	4.7	ug/Kg	☼	03/04/26 13:42	03/05/26 20:19	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/04/26 13:42	03/05/26 20:19	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/04/26 13:42	03/05/26 20:19	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/04/26 13:42	03/05/26 20:19	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 13:42	03/05/26 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*26 - 142*	*03/04/26 13:42*	*03/05/26 20:19*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/04/26 13:42*	*03/05/26 20:19*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*17 - 144*	*03/04/26 13:42*	*03/05/26 20:19*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*17 - 144*	*03/04/26 13:42*	*03/05/26 20:19*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.7	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Aluminum	**11000**		34	10	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV136-0-0.17
Lab Sample ID: 180-202364-5
Date Collected: 03/02/26 12:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.3

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		5.7	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Barium	67		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Beryllium	0.48	J	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Cadmium	0.14	J	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Calcium	22000		57	24	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Chromium	15		1.7	0.69	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Cobalt	8.1		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Copper	22		2.3	0.88	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Iron	21000		23	9.2	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Lead	16		1.7	0.69	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Magnesium	5500		23	4.6	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Manganese	380		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Nickel	20		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Potassium	1300		110	40	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Silver	ND		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Sodium	65	J	110	46	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Zinc	73		2.3	0.92	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1
Vanadium	15		1.1	0.49	mg/Kg	☼	03/07/26 07:30	03/09/26 12:01	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.070	0.023	mg/Kg	☼	03/06/26 14:17	03/06/26 20:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.7		1.0	1.0	%			03/05/26 02:45	1

Client Sample ID: SSHS-IRM5A2-SCV136-0.17-1
Lab Sample ID: 180-202364-6
Date Collected: 03/02/26 12:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Acenaphthylene	ND		74	16	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Acetophenone	ND		740	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Anthracene	ND		74	19	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Atrazine	ND		740	160	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Benzaldehyde	ND		740	46	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Benzo[a]anthracene	**60**	**J**	74	33	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Benzo[a]pyrene	ND		74	32	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Benzo[b]fluoranthene	**82**		74	18	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Benzo[g,h,i]perylene	**38**	**J**	74	16	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Benzo[k]fluoranthene	ND		74	22	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Bis(2-chloroethyl)ether	ND		74	23	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Bis(2-ethylhexyl) phthalate	ND		3700	390	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Carbazole	ND		74	17	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
4-Chloroaniline	ND		370	97	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Chrysene	**63**	**J**	74	41	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
3,3'-Dichlorobenzidine	ND		370	340	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2,4-Dimethylphenol	ND		370	120	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Dimethyl phthalate	ND		740	410	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Di-n-butyl phthalate	ND		3700	770	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2,6-Dinitrotoluene	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Di-n-octyl phthalate	ND		370	210	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
1,4-Dioxane	ND		740	230	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Fluoranthene	**140**		74	19	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Fluorene	ND		74	15	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Indeno[1,2,3-cd]pyrene	ND		74	37	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1

Client Sample ID: SSHS-IRM5A2-SCV136-0.17-1
Lab Sample ID: 180-202364-6
Date Collected: 03/02/26 12:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Naphthalene	ND		74	14	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Nitrobenzene	ND		740	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Phenanthrene	**93**		74	20	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
Pyrene	**110**		74	26	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2,3,4,6-Tetrachlorophenol	ND		370	150	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/04/26 13:53	03/05/26 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*44 - 105*	*03/04/26 13:53*	*03/05/26 15:00*	*1*
2-Fluorophenol (Surr)	*87*		*48 - 105*	*03/04/26 13:53*	*03/05/26 15:00*	*1*
Nitrobenzene-d5 (Surr)	*95*		*46 - 105*	*03/04/26 13:53*	*03/05/26 15:00*	*1*
Phenol-d5 (Surr)	*92*		*46 - 105*	*03/04/26 13:53*	*03/05/26 15:00*	*1*
Terphenyl-d14 (Surr)	*93*		*39 - 105*	*03/04/26 13:53*	*03/05/26 15:00*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*34 - 108*	*03/04/26 13:53*	*03/05/26 15:00*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/04/26 13:42	03/05/26 20:37	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 13:42	03/05/26 20:37	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 13:42	03/05/26 20:37	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:42	03/05/26 20:37	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 13:42	03/05/26 20:37	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/04/26 13:42	03/05/26 20:37	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/04/26 13:42	03/05/26 20:37	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/04/26 13:42	03/05/26 20:37	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 13:42	03/05/26 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*65*		*26 - 142*	*03/04/26 13:42*	*03/05/26 20:37*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*	*03/04/26 13:42*	*03/05/26 20:37*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*17 - 144*	*03/04/26 13:42*	*03/05/26 20:37*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 144*	*03/04/26 13:42*	*03/05/26 20:37*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluoropentanoic acid (PFPeA)	**0.11**	**J**	0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV136-0.17-1
Lab Sample ID: 180-202364-6
Date Collected: 03/02/26 12:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**0.11**	**J**	0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorooctanoic acid (PFOA)	**0.19**	**J**	0.20	0.059	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorooctanesulfonic acid (PFOS)	**0.39**		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1

Client Sample ID: SSHS-IRM5A2-SCV136-0.17-1
Lab Sample ID: 180-202364-6
Date Collected: 03/02/26 12:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*89.2*		*8 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C5-PFPeA	*96.1*		*35 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C5-PFHxA	*92.5*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C4-PFHpA	*98.4*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C8-PFOA	*99.3*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C9-PFNA	*95.0*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C6-PFDA	*103*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C7-PFUnA	*113*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C2 PFDoA	*101*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C2-PFTeDA	*92.1*		*20 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C3-PFBS	*95.3*		*40 - 135*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C3-PFHxS	*96.3*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C8-PFOS	*114*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C8-PFOSA	*103*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
d3-NMeFOSAA	*129*		*40 - 135*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
d5-NEtFOSAA	*141*		*40 - 150*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C2 4:2 FTS	*139*		*40 - 165*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C2 6:2 FTS	*151*		*40 - 215*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C2 8:2 FTS	*156*		*40 - 275*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
13C3-HFPO-DA	*88.8*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
D7-NMeFOSE	*90.3*		*20 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
D9-NEtFOSE	*83.2*		*15 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
d5-NEtPFOSA	*88.8*		*10 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*
d3-NMePFOSA	*81.6*		*10 - 130*	*03/06/26 09:54*	*03/11/26 22:49*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.7	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Aluminum	**11000**		34	10	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Arsenic	**6.1**		5.7	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Barium	**70**		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Beryllium	**0.47**	**J**	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Cadmium	**0.16**	**J**	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Calcium	**22000**		57	24	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Chromium	**15**		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Cobalt	**8.1**		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Copper	**51**		2.3	0.87	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Iron	**21000**		23	9.1	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Lead	**17**		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Magnesium	**4900**		23	4.5	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Manganese	**410**		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Nickel	**20**		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV136-0.17-1
Lab Sample ID: 180-202364-6
Date Collected: 03/02/26 12:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1200		110	40	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Sodium	68	J	110	45	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Zinc	76		2.3	0.91	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1
Vanadium	16		1.1	0.49	mg/Kg	☼	03/07/26 07:30	03/09/26 12:04	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043	J	0.063	0.021	mg/Kg	☼	03/06/26 14:17	03/06/26 19:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.9		1.0	1.0	%			03/05/26 05:01	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV136-0.5-1
Lab Sample ID: 180-202364-7
Date Collected: 03/02/26 12:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 89.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Benzene	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Bromoform	ND		10	5.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Bromomethane	ND		5.0	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Carbon disulfide	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Chlorobenzene	ND		5.0	0.90	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Chloroethane	ND		5.0	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Chloroform	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Chloromethane	ND		5.0	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Cyclohexane	ND		5.0	0.90	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,4-Dioxane	ND		250	37	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Ethylbenzene	ND		5.0	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
2-Hexanone	ND		10	2.5	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Methyl acetate	ND		5.0	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Methylene Chloride	**4.6**	**J**	5.0	2.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
o-Xylene	ND		5.0	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Styrene	ND		5.0	0.90	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Toluene	ND		5.0	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV136-0.5-1
Lab Sample ID: 180-202364-7
Date Collected: 03/02/26 12:05
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 89.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Vinyl chloride	ND		5.0	0.80	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1
Xylenes, Total	ND		10	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*03/04/26 10:23*	*03/12/26 17:16*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*03/04/26 10:23*	*03/12/26 17:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*03/04/26 10:23*	*03/12/26 17:16*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*03/04/26 10:23*	*03/12/26 17:16*	*1*

Client Sample ID: SSHS-IRM5A2-SCV137-0-0.17
Lab Sample ID: 180-202364-8
Date Collected: 03/02/26 12:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 66.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		99	28	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Acenaphthylene	ND		99	22	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Acetophenone	ND		990	180	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Anthracene	ND		99	26	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Atrazine	ND		990	220	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Benzaldehyde	ND		990	61	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Benzo[a]anthracene	**48**	**J**	99	45	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Benzo[a]pyrene	**51**	**J**	99	43	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Benzo[b]fluoranthene	**70**	**J**	99	24	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Benzo[g,h,i]perylene	**40**	**J**	99	21	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Benzo[k]fluoranthene	**30**	**J**	99	30	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
1,1'-Biphenyl	ND		490	180	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Bis(2-chloroethoxy)methane	ND		490	180	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Bis(2-chloroethyl)ether	ND		99	31	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Bis(2-ethylhexyl) phthalate	ND		4900	530	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
4-Bromophenyl phenyl ether	ND		490	210	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Butyl benzyl phthalate	ND		2500	340	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Caprolactam	ND		2500	320	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Carbazole	ND		99	23	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
4-Chloroaniline	ND		490	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
4-Chloro-3-methylphenol	ND		490	170	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2-Chloronaphthalene	ND		99	23	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2-Chlorophenol	ND		490	180	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
4-Chlorophenyl phenyl ether	ND		490	160	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Chrysene	**56**	**J**	99	55	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Dibenz(a,h)anthracene	ND		99	63	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Dibenzofuran	ND		490	180	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
3,3'-Dichlorobenzidine	ND		490	460	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2,4-Dichlorophenol	ND		99	38	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Diethyl phthalate	ND		490	170	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2,4-Dimethylphenol	ND		490	170	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Dimethyl phthalate	ND		990	550	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Di-n-butyl phthalate	ND		4900	1000	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
4,6-Dinitro-2-methylphenol	ND		2500	850	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2,4-Dinitrophenol	ND		4900	3100	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2,4-Dinitrotoluene	ND		490	290	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2,6-Dinitrotoluene	ND		490	190	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Di-n-octyl phthalate	ND		490	290	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
1,4-Dioxane	ND		990	310	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Fluoranthene	**96**	**J**	99	26	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Fluorene	ND		99	19	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Hexachlorobenzene	ND		99	35	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Hexachlorobutadiene	ND		99	29	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Hexachlorocyclopentadiene	ND		490	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Hexachloroethane	ND		490	170	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Indeno[1,2,3-cd]pyrene	ND		99	49	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Isophorone	ND		490	190	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2-Methylnaphthalene	ND		99	24	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2-Methylphenol	ND		490	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1

Client Sample ID: SSHS-IRM5A2-SCV137-0-0.17
Lab Sample ID: 180-202364-8
Date Collected: 03/02/26 12:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 66.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		490	150	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Naphthalene	ND		99	19	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2-Nitroaniline	ND		2500	230	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
3-Nitroaniline	ND		2500	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
4-Nitroaniline	ND		2500	180	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Nitrobenzene	ND		990	180	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2-Nitrophenol	ND		490	180	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
4-Nitrophenol	ND		2500	350	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
N-Nitrosodi-n-propylamine	ND		99	33	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
N-Nitrosodiphenylamine	ND		490	160	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2,2'-oxybis[1-chloropropane]	ND		99	37	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Pentachlorophenol	ND		2500	790	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Phenanthrene	**34**	**J**	99	27	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Phenol	ND		490	150	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
Pyrene	**92**	**J**	99	35	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
1,2,4,5-Tetrachlorobenzene	ND		490	200	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2,3,4,6-Tetrachlorophenol	ND		490	210	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2,4,5-Trichlorophenol	ND		490	170	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1
2,4,6-Trichlorophenol	ND		490	160	ug/Kg	☼	03/04/26 13:53	03/05/26 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*44 - 105*	*03/04/26 13:53*	*03/05/26 15:22*	*1*
2-Fluorophenol (Surr)	*77*		*48 - 105*	*03/04/26 13:53*	*03/05/26 15:22*	*1*
Nitrobenzene-d5 (Surr)	*80*		*46 - 105*	*03/04/26 13:53*	*03/05/26 15:22*	*1*
Phenol-d5 (Surr)	*83*		*46 - 105*	*03/04/26 13:53*	*03/05/26 15:22*	*1*
Terphenyl-d14 (Surr)	*83*		*39 - 105*	*03/04/26 13:53*	*03/05/26 15:22*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*	*03/04/26 13:53*	*03/05/26 15:22*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		25	8.1	ug/Kg	☼	03/04/26 13:42	03/05/26 20:55	1
PCB-1221	ND		25	8.8	ug/Kg	☼	03/04/26 13:42	03/05/26 20:55	1
PCB-1232	ND		25	6.0	ug/Kg	☼	03/04/26 13:42	03/05/26 20:55	1
PCB-1242	ND		25	3.6	ug/Kg	☼	03/04/26 13:42	03/05/26 20:55	1
PCB-1248	ND		25	6.0	ug/Kg	☼	03/04/26 13:42	03/05/26 20:55	1
PCB-1254	ND		25	7.4	ug/Kg	☼	03/04/26 13:42	03/05/26 20:55	1
PCB-1260	ND		25	7.1	ug/Kg	☼	03/04/26 13:42	03/05/26 20:55	1
PCB-1262	ND		25	8.7	ug/Kg	☼	03/04/26 13:42	03/05/26 20:55	1
PCB-1268	ND		25	3.3	ug/Kg	☼	03/04/26 13:42	03/05/26 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*26 - 142*	*03/04/26 13:42*	*03/05/26 20:55*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*26 - 142*	*03/04/26 13:42*	*03/05/26 20:55*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*17 - 144*	*03/04/26 13:42*	*03/05/26 20:55*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*17 - 144*	*03/04/26 13:42*	*03/05/26 20:55*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.11**	**J**	0.39	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluoropentanoic acid (PFPeA)	**0.15**	**J**	0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV137-0-0.17
Lab Sample ID: 180-202364-8
Date Collected: 03/02/26 12:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 66.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**0.12**	**J**	0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorooctanoic acid (PFOA)	**0.24**		0.19	0.058	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorodecanoic acid (PFDA)	**0.063**	**J**	0.19	0.058	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorooctanesulfonic acid (PFOS)	**0.48**		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.49	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.49	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1

Client Sample ID: SSHS-IRM5A2-SCV137-0-0.17
Lab Sample ID: 180-202364-8
Date Collected: 03/02/26 12:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 66.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.49	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.49	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	03/06/26 09:54	03/11/26 23:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*100*		*8 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C5-PFPeA	*102*		*35 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C5-PFHxA	*101*		*40 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C4-PFHpA	*108*		*40 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C8-PFOA	*104*		*40 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C9-PFNA	*101*		*40 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C6-PFDA	*109*		*40 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C7-PFUnA	*116*		*40 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C2 PFDoA	*112*		*40 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C2-PFTeDA	*93.0*		*20 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C3-PFBS	*101*		*40 - 135*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C3-PFHxS	*100*		*40 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C8-PFOS	*117*		*40 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C8-PFOSA	*110*		*40 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
d3-NMeFOSAA	*132*		*40 - 135*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
d5-NEtFOSAA	*147*		*40 - 150*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C2 4:2 FTS	*168*	*5+	*40 - 165*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C2 6:2 FTS	*153*		*40 - 215*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C2 8:2 FTS	*148*		*40 - 275*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
13C3-HFPO-DA	*105*		*40 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
D7-NMeFOSE	*91.7*		*20 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
D9-NEtFOSE	*87.7*		*15 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
d5-NEtPFOSA	*89.2*		*10 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*
d3-NMePFOSA	*88.2*		*10 - 130*	*03/06/26 09:54*	*03/11/26 23:02*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		7.0	2.4	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Aluminum	**13000**		42	13	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Arsenic	**7.6**		7.0	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Barium	**77**		0.70	0.21	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Beryllium	**0.58**	**J**	0.70	0.14	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Cadmium	**0.15**	**J**	0.70	0.14	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Calcium	**34000**		70	29	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Chromium	**17**		2.1	0.84	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Cobalt	**9.2**		0.70	0.20	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Copper	**25**		2.8	1.1	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Iron	**24000**		28	11	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Lead	**18**		2.1	0.84	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Magnesium	**9300**		28	5.6	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Manganese	**480**		1.4	0.56	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Nickel	**23**		1.4	0.56	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV137-0-0.17
Lab Sample ID: 180-202364-8
Date Collected: 03/02/26 12:10
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 66.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1700		140	49	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Selenium	ND		7.0	2.1	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Silver	ND		1.4	0.56	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Sodium	87	J	140	56	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Thallium	ND		4.2	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Zinc	82		2.8	1.1	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1
Vanadium	19		1.4	0.60	mg/Kg	☼	03/07/26 07:30	03/09/26 12:07	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	J	0.086	0.029	mg/Kg	☼	03/06/26 14:17	03/06/26 19:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	33.6		1.0	1.0	%			03/05/26 05:01	1

Client Sample ID: SSHS-IRM5A2-SCV137-0.17-1
Lab Sample ID: 180-202364-9
Date Collected: 03/02/26 12:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Acenaphthylene	ND		76	17	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Acetophenone	ND		760	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Anthracene	ND		76	20	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Atrazine	ND		760	170	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Benzo[a]anthracene	**59**	**J**	76	34	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Benzo[a]pyrene	**63**	**J**	76	33	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Benzo[b]fluoranthene	**85**		76	19	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Benzo[g,h,i]perylene	ND		76	16	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Benzo[k]fluoranthene	**37**	**J**	76	23	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Carbazole	ND		76	18	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Chrysene	**68**	**J**	76	42	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Di-n-butyl phthalate	ND		3700	790	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2,4-Dinitrotoluene	ND		370	230	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Fluoranthene	**130**		76	20	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Fluorene	ND		76	15	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Indeno[1,2,3-cd]pyrene	ND		76	38	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1

Client Sample ID: SSHS-IRM5A2-SCV137-0.17-1
Lab Sample ID: 180-202364-9
Date Collected: 03/02/26 12:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Naphthalene	ND		76	15	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Phenanthrene	**49**	**J**	76	20	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
Pyrene	**110**		76	27	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*85*		*44 - 105*	*03/04/26 13:53*	*03/05/26 15:45*	*1*
2-Fluorophenol (Surr)	*88*		*48 - 105*	*03/04/26 13:53*	*03/05/26 15:45*	*1*
Nitrobenzene-d5 (Surr)	*93*		*46 - 105*	*03/04/26 13:53*	*03/05/26 15:45*	*1*
Phenol-d5 (Surr)	*96*		*46 - 105*	*03/04/26 13:53*	*03/05/26 15:45*	*1*
Terphenyl-d14 (Surr)	*94*		*39 - 105*	*03/04/26 13:53*	*03/05/26 15:45*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*34 - 108*	*03/04/26 13:53*	*03/05/26 15:45*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/04/26 13:42	03/05/26 21:12	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/04/26 13:42	03/05/26 21:12	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/04/26 13:42	03/05/26 21:12	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:42	03/05/26 21:12	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/04/26 13:42	03/05/26 21:12	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/04/26 13:42	03/05/26 21:12	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/04/26 13:42	03/05/26 21:12	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/04/26 13:42	03/05/26 21:12	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/04/26 13:42	03/05/26 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*63*		*26 - 142*	*03/04/26 13:42*	*03/05/26 21:12*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/04/26 13:42*	*03/05/26 21:12*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*17 - 144*	*03/04/26 13:42*	*03/05/26 21:12*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 144*	*03/04/26 13:42*	*03/05/26 21:12*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.2	1.8	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Aluminum	**13000**		31	9.3	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV137-0.17-1
Lab Sample ID: 180-202364-9
Date Collected: 03/02/26 12:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.7

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		5.2	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Barium	82		0.52	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Beryllium	0.52		0.52	0.10	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Cadmium	0.32	J	0.52	0.10	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Calcium	23000		52	22	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Chromium	17		1.6	0.62	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Cobalt	9.0		0.52	0.15	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Copper	28		2.1	0.80	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Iron	24000		21	8.3	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Lead	17		1.6	0.62	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Magnesium	5800		21	4.1	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Manganese	430		1.0	0.41	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Nickel	22		1.0	0.41	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Potassium	1400		100	36	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Selenium	ND		5.2	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Silver	ND		1.0	0.41	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Sodium	73	J	100	41	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Thallium	ND		3.1	1.3	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Zinc	88		2.1	0.83	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1
Vanadium	18		1.0	0.45	mg/Kg	☼	03/06/26 09:15	03/06/26 20:58	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055	J	0.068	0.023	mg/Kg	☼	03/06/26 14:17	03/06/26 19:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.3		1.0	1.0	%			03/05/26 05:01	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV137-0.5-1
Lab Sample ID: 180-202364-10
Date Collected: 03/02/26 12:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 89.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		14	4.2	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Benzene	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Bromoform	ND		7.0	3.5	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Bromomethane	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
2-Butanone (MEK)	ND		7.0	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Carbon disulfide	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Carbon tetrachloride	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Chlorobenzene	ND		3.5	0.63	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Chlorobromomethane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Chlorodibromomethane	ND		3.5	0.35	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Chloroethane	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Chloroform	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Chloromethane	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
cis-1,2-Dichloroethene	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
cis-1,3-Dichloropropene	ND		3.5	0.42	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Cyclohexane	ND		3.5	0.63	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,2-Dibromo-3-Chloropropane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,2-Dibromoethane	ND		3.5	0.49	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,2-Dichlorobenzene	ND		3.5	0.63	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,3-Dichlorobenzene	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,4-Dichlorobenzene	ND		3.5	0.63	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Dichlorobromomethane	ND		3.5	0.49	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Dichlorodifluoromethane	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,1-Dichloroethane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,2-Dichloroethane	ND		3.5	0.42	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,1-Dichloroethene	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,2-Dichloroethene, Total	ND		7.0	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,2-Dichloropropane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,4-Dioxane	ND		180	26	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Ethylbenzene	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
2-Hexanone	ND		7.0	1.8	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Isopropylbenzene	ND		3.5	1.1	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Methyl acetate	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Methylcyclohexane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Methylene Chloride	**4.3**		3.5	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
4-Methyl-2-pentanone (MIBK)	ND		7.0	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Methyl tert-butyl ether	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
m-Xylene & p-Xylene	ND		3.5	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
o-Xylene	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Styrene	ND		3.5	0.63	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,1,2,2-Tetrachloroethane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Tetrachloroethene	ND		3.5	1.1	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Toluene	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
trans-1,2-Dichloroethene	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
trans-1,3-Dichloropropene	ND		3.5	0.42	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,2,3-Trichlorobenzene	ND		7.0	3.5	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,2,4-Trichlorobenzene	ND		7.0	3.5	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,1,1-Trichloroethane	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,1,2-Trichloroethane	ND		3.5	0.49	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV137-0.5-1
Lab Sample ID: 180-202364-10
Date Collected: 03/02/26 12:15
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 89.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Trichlorofluoromethane	ND		3.5	0.70	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.0	0.63	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Vinyl chloride	ND		3.5	0.56	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1
Xylenes, Total	ND		7.0	0.49	ug/Kg	☼	03/04/26 10:23	03/12/26 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*50 - 131*	*03/04/26 10:23*	*03/12/26 17:38*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 141*	*03/04/26 10:23*	*03/12/26 17:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*03/04/26 10:23*	*03/12/26 17:38*	*1*
Toluene-d8 (Surr)	*105*		*52 - 141*	*03/04/26 10:23*	*03/12/26 17:38*	*1*

Client Sample ID: SSHS-IRM5A2-SCV138-0-0.17
Lab Sample ID: 180-202364-11
Date Collected: 03/02/26 12:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Acenaphthylene	ND		76	17	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Acetophenone	ND		760	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Anthracene	ND		76	20	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Atrazine	ND		760	170	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Benzo[a]anthracene	ND		76	34	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Benzo[a]pyrene	ND		76	33	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Benzo[b]fluoranthene	**47**	**J**	76	19	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Benzo[g,h,i]perylene	ND		76	16	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Benzo[k]fluoranthene	ND		76	23	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Carbazole	ND		76	18	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Chrysene	ND		76	42	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Di-n-butyl phthalate	ND		3700	790	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2,4-Dinitrotoluene	ND		370	230	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Fluoranthene	**48**	**J**	76	20	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Fluorene	ND		76	15	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Indeno[1,2,3-cd]pyrene	ND		76	38	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Isophorone	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV138-0-0.17
Lab Sample ID: 180-202364-11
Date Collected: 03/02/26 12:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Naphthalene	ND		76	15	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Phenanthrene	**21**	**J**	76	20	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Phenol	ND		370	110	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
Pyrene	**48**	**J**	76	27	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*44 - 105*	*03/04/26 13:53*	*03/05/26 16:07*	*1*
2-Fluorophenol (Surr)	*76*		*48 - 105*	*03/04/26 13:53*	*03/05/26 16:07*	*1*
Nitrobenzene-d5 (Surr)	*84*		*46 - 105*	*03/04/26 13:53*	*03/05/26 16:07*	*1*
Phenol-d5 (Surr)	*81*		*46 - 105*	*03/04/26 13:53*	*03/05/26 16:07*	*1*
Terphenyl-d14 (Surr)	*90*		*39 - 105*	*03/04/26 13:53*	*03/05/26 16:07*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*34 - 108*	*03/04/26 13:53*	*03/05/26 16:07*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/04/26 13:42	03/05/26 21:30	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/04/26 13:42	03/05/26 21:30	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/04/26 13:42	03/05/26 21:30	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/04/26 13:42	03/05/26 21:30	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/04/26 13:42	03/05/26 21:30	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/04/26 13:42	03/05/26 21:30	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/04/26 13:42	03/05/26 21:30	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/04/26 13:42	03/05/26 21:30	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/04/26 13:42	03/05/26 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*63*		*26 - 142*	*03/04/26 13:42*	*03/05/26 21:30*	*1*
DCB Decachlorobiphenyl (Surr)	*66*		*26 - 142*	*03/04/26 13:42*	*03/05/26 21:30*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*17 - 144*	*03/04/26 13:42*	*03/05/26 21:30*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*17 - 144*	*03/04/26 13:42*	*03/05/26 21:30*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.6	1.9	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Aluminum	**11000**		34	10	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV138-0-0.17
Lab Sample ID: 180-202364-11
Date Collected: 03/02/26 12:20
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 85.9

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		5.6	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Barium	73		0.56	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Beryllium	0.50	J	0.56	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Cadmium	0.28	J	0.56	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Calcium	28000		56	23	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Chromium	16		1.7	0.67	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Cobalt	8.2		0.56	0.16	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Copper	23		2.2	0.86	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Iron	22000		22	9.0	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Lead	16		1.7	0.67	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Magnesium	5900		22	4.5	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Manganese	420		1.1	0.45	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Nickel	20		1.1	0.45	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Potassium	1600		110	39	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Selenium	ND		5.6	1.7	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Sodium	78	J	110	45	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Zinc	76		2.2	0.90	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1
Vanadium	17		1.1	0.48	mg/Kg	☼	03/06/26 09:15	03/06/26 21:13	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	J	0.066	0.022	mg/Kg	☼	03/06/26 14:17	03/06/26 19:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.1		1.0	1.0	%			03/05/26 05:01	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV138-0.17-1
Lab Sample ID: 180-202364-12
Date Collected: 03/02/26 12:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Acenaphthylene	ND		74	16	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Acetophenone	ND		740	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Anthracene	ND		74	19	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Atrazine	ND		740	160	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Benzaldehyde	ND		740	46	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Benzo[a]anthracene	**93**		74	33	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Benzo[a]pyrene	**99**		74	32	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Benzo[b]fluoranthene	**150**		74	18	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Benzo[g,h,i]perylene	**69**	**J**	74	16	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Benzo[k]fluoranthene	**43**	**J**	74	22	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Bis(2-chloroethyl)ether	ND		74	23	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Carbazole	ND		74	17	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Chrysene	**100**		74	41	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Dibenzofuran	ND		360	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Dimethyl phthalate	ND		740	410	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Di-n-butyl phthalate	ND		3600	770	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
1,4-Dioxane	ND		740	230	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Fluoranthene	**190**		74	19	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Fluorene	ND		74	14	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Hexachlorocyclopentadiene	ND		360	100	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Hexachloroethane	ND		360	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Indeno[1,2,3-cd]pyrene	**65**	**J**	74	37	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Isophorone	ND		360	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2-Methylphenol	ND		360	110	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1

Client Sample ID: SSHS-IRM5A2-SCV138-0.17-1
Lab Sample ID: 180-202364-12
Date Collected: 03/02/26 12:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Naphthalene	ND		74	14	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Nitrobenzene	ND		740	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Phenanthrene	**87**		74	20	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Phenol	ND		360	110	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
Pyrene	**180**		74	26	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	03/04/26 13:53	03/05/26 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*44 - 105*	*03/04/26 13:53*	*03/05/26 16:29*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*03/04/26 13:53*	*03/05/26 16:29*	*1*
Nitrobenzene-d5 (Surr)	*78*		*46 - 105*	*03/04/26 13:53*	*03/05/26 16:29*	*1*
Phenol-d5 (Surr)	*76*		*46 - 105*	*03/04/26 13:53*	*03/05/26 16:29*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 105*	*03/04/26 13:53*	*03/05/26 16:29*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*03/04/26 13:53*	*03/05/26 16:29*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	03/04/26 13:42	03/05/26 21:47	1
PCB-1221	ND		18	6.5	ug/Kg	☼	03/04/26 13:42	03/05/26 21:47	1
PCB-1232	ND		18	4.5	ug/Kg	☼	03/04/26 13:42	03/05/26 21:47	1
PCB-1242	ND		18	2.7	ug/Kg	☼	03/04/26 13:42	03/05/26 21:47	1
PCB-1248	ND		18	4.4	ug/Kg	☼	03/04/26 13:42	03/05/26 21:47	1
PCB-1254	ND		18	5.5	ug/Kg	☼	03/04/26 13:42	03/05/26 21:47	1
PCB-1260	ND		18	5.2	ug/Kg	☼	03/04/26 13:42	03/05/26 21:47	1
PCB-1262	ND		18	6.5	ug/Kg	☼	03/04/26 13:42	03/05/26 21:47	1
PCB-1268	ND		18	2.5	ug/Kg	☼	03/04/26 13:42	03/05/26 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*64*		*26 - 142*	*03/04/26 13:42*	*03/05/26 21:47*	*1*
DCB Decachlorobiphenyl (Surr)	*71*		*26 - 142*	*03/04/26 13:42*	*03/05/26 21:47*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*17 - 144*	*03/04/26 13:42*	*03/05/26 21:47*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*17 - 144*	*03/04/26 13:42*	*03/05/26 21:47*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.7	1.9	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Aluminum	**13000**		34	10	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV138-0.17-1
Lab Sample ID: 180-202364-12
Date Collected: 03/02/26 12:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.1

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.6		5.7	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Barium	77		0.57	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Beryllium	0.56	J	0.57	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Cadmium	0.27	J	0.57	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Calcium	17000		57	24	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Chromium	17		1.7	0.68	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Cobalt	10		0.57	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Copper	24		2.3	0.87	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Iron	25000		23	9.1	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Lead	17		1.7	0.68	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Magnesium	5700		23	4.5	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Manganese	420		1.1	0.45	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Nickel	22		1.1	0.45	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Potassium	1800		110	40	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Sodium	73	J	110	45	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Zinc	82		2.3	0.91	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1
Vanadium	18		1.1	0.49	mg/Kg	☼	03/06/26 09:15	03/06/26 21:16	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045	J	0.067	0.022	mg/Kg	☼	03/06/26 14:17	03/06/26 19:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.9		1.0	1.0	%			03/05/26 05:01	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV138-0.5-1
Lab Sample ID: 180-202364-13
Date Collected: 03/02/26 12:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		17	5.1	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Benzene	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Bromoform	ND		8.5	4.2	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Bromomethane	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
2-Butanone (MEK)	ND		8.5	1.7	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Carbon disulfide	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Carbon tetrachloride	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Chlorobenzene	ND		4.2	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Chlorobromomethane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Chlorodibromomethane	ND		4.2	0.42	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Chloroethane	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Chloroform	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Chloromethane	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
cis-1,2-Dichloroethene	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
cis-1,3-Dichloropropene	ND		4.2	0.51	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Cyclohexane	ND		4.2	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,2-Dibromo-3-Chloropropane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,2-Dibromoethane	ND		4.2	0.59	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,2-Dichlorobenzene	ND		4.2	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,3-Dichlorobenzene	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,4-Dichlorobenzene	ND		4.2	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Dichlorobromomethane	ND		4.2	0.59	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Dichlorodifluoromethane	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,1-Dichloroethane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,2-Dichloroethane	ND		4.2	0.51	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,1-Dichloroethene	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,2-Dichloroethene, Total	ND		8.5	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,2-Dichloropropane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,4-Dioxane	ND		210	31	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Ethylbenzene	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
2-Hexanone	ND		8.5	2.1	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Isopropylbenzene	ND		4.2	1.3	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Methyl acetate	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Methylcyclohexane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Methylene Chloride	**2.9**	**J**	4.2	1.7	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
4-Methyl-2-pentanone (MIBK)	ND		8.5	1.7	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Methyl tert-butyl ether	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
m-Xylene & p-Xylene	ND		4.2	1.7	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
o-Xylene	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Styrene	ND		4.2	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Tetrachloroethene	ND		4.2	1.3	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Toluene	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
trans-1,2-Dichloroethene	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
trans-1,3-Dichloropropene	ND		4.2	0.51	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,2,3-Trichlorobenzene	ND		8.5	4.2	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,2,4-Trichlorobenzene	ND		8.5	4.2	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,1,1-Trichloroethane	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,1,2-Trichloroethane	ND		4.2	0.59	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV138-0.5-1
Lab Sample ID: 180-202364-13
Date Collected: 03/02/26 12:25
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 88.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Trichlorofluoromethane	ND		4.2	0.85	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Vinyl chloride	ND		4.2	0.68	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1
Xylenes, Total	ND		8.5	0.59	ug/Kg	☼	03/04/26 10:23	03/12/26 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*	*03/04/26 10:23*	*03/12/26 18:00*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*03/04/26 10:23*	*03/12/26 18:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*54 - 135*	*03/04/26 10:23*	*03/12/26 18:00*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*03/04/26 10:23*	*03/12/26 18:00*	*1*

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV139-0-0.17
Lab Sample ID: 180-202364-14
Date Collected: 03/02/26 12:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		80	23	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Acenaphthylene	ND		80	17	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Acetophenone	ND		800	140	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Anthracene	ND		80	21	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Atrazine	ND		800	170	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Benzaldehyde	ND		800	49	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Benzo[a]anthracene	ND		80	36	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Benzo[a]pyrene	ND		80	34	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Benzo[b]fluoranthene	**34**	**J**	80	20	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Benzo[g,h,i]perylene	ND		80	17	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Benzo[k]fluoranthene	ND		80	24	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
1,1'-Biphenyl	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Bis(2-chloroethoxy)methane	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Bis(2-chloroethyl)ether	ND		80	25	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Caprolactam	ND		2000	260	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Carbazole	ND		80	19	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2-Chloronaphthalene	ND		80	18	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Chrysene	ND		80	44	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Dibenz(a,h)anthracene	ND		80	51	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Dibenzofuran	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2,4-Dichlorophenol	ND		80	31	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Dimethyl phthalate	ND		800	440	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Di-n-butyl phthalate	ND		3900	830	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2,4-Dinitrophenol	ND		3900	2500	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
1,4-Dioxane	ND		800	250	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Fluoranthene	**48**	**J**	80	21	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Fluorene	ND		80	16	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Hexachlorobenzene	ND		80	28	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Hexachlorobutadiene	ND		80	23	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Indeno[1,2,3-cd]pyrene	ND		80	40	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Isophorone	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2-Methylnaphthalene	ND		80	19	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1

Client Sample ID: SSHS-IRM5A2-SCV139-0-0.17
Lab Sample ID: 180-202364-14
Date Collected: 03/02/26 12:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Naphthalene	ND		80	15	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Nitrobenzene	ND		800	150	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
N-Nitrosodi-n-propylamine	ND		80	27	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2,2'-oxybis[1-chloropropane]	ND		80	29	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Phenanthrene	ND		80	21	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Phenol	ND		390	120	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
Pyrene	**41**	**J**	80	28	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2,3,4,6-Tetrachlorophenol	ND		390	170	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/05/26 02:52	03/05/26 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*44 - 105*	*03/05/26 02:52*	*03/05/26 16:51*	*1*
2-Fluorophenol (Surr)	*79*		*48 - 105*	*03/05/26 02:52*	*03/05/26 16:51*	*1*
Nitrobenzene-d5 (Surr)	*82*		*46 - 105*	*03/05/26 02:52*	*03/05/26 16:51*	*1*
Phenol-d5 (Surr)	*84*		*46 - 105*	*03/05/26 02:52*	*03/05/26 16:51*	*1*
Terphenyl-d14 (Surr)	*84*		*39 - 105*	*03/05/26 02:52*	*03/05/26 16:51*	*1*
2,4,6-Tribromophenol (Surr)	*80*		*34 - 108*	*03/05/26 02:52*	*03/05/26 16:51*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.3	ug/Kg	☼	03/05/26 07:52	03/09/26 08:44	1
PCB-1221	ND		20	6.9	ug/Kg	☼	03/05/26 07:52	03/09/26 08:44	1
PCB-1232	ND		20	4.8	ug/Kg	☼	03/05/26 07:52	03/09/26 08:44	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/05/26 07:52	03/09/26 08:44	1
PCB-1248	ND		20	4.7	ug/Kg	☼	03/05/26 07:52	03/09/26 08:44	1
PCB-1254	ND		20	5.9	ug/Kg	☼	03/05/26 07:52	03/09/26 08:44	1
PCB-1260	ND		20	5.5	ug/Kg	☼	03/05/26 07:52	03/09/26 08:44	1
PCB-1262	ND		20	6.9	ug/Kg	☼	03/05/26 07:52	03/09/26 08:44	1
PCB-1268	ND		20	2.6	ug/Kg	☼	03/05/26 07:52	03/09/26 08:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*85*		*26 - 142*	*03/05/26 07:52*	*03/09/26 08:44*	*1*
DCB Decachlorobiphenyl (Surr)	*77*		*26 - 142*	*03/05/26 07:52*	*03/09/26 08:44*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*17 - 144*	*03/05/26 07:52*	*03/09/26 08:44*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/05/26 07:52*	*03/09/26 08:44*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.7	1.9	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Aluminum	**11000**		34	10	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV139-0-0.17
Lab Sample ID: 180-202364-14
Date Collected: 03/02/26 12:30
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.0

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.5	J	5.7	1.6	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Barium	73		0.57	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Beryllium	0.51	J	0.57	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Cadmium	0.23	J	0.57	0.11	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Calcium	22000		57	24	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Chromium	15		1.7	0.69	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Cobalt	7.8		0.57	0.17	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Copper	22		2.3	0.88	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Iron	21000		23	9.2	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Lead	15		1.7	0.69	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Magnesium	6000		23	4.6	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Manganese	390		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Nickel	19		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Potassium	1600		110	40	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Silver	ND		1.1	0.46	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Sodium	73	J	110	46	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Zinc	72		2.3	0.92	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1
Vanadium	17		1.1	0.49	mg/Kg	☼	03/06/26 09:15	03/06/26 21:19	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043	J	0.069	0.023	mg/Kg	☼	03/06/26 14:17	03/06/26 19:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.0		1.0	1.0	%			03/05/26 05:01	1

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Lab Sample ID: 180-202364-15
Date Collected: 03/02/26 12:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Acenaphthylene	ND		79	17	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Acetophenone	ND		790	140	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Anthracene	ND		79	20	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Atrazine	ND		790	170	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Benzaldehyde	ND	F1	790	49	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Benzo[a]anthracene	**85**		79	35	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Benzo[a]pyrene	**87**		79	34	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Benzo[b]fluoranthene	**120**		79	19	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Benzo[g,h,i]perylene	**70**	**J**	79	17	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Benzo[k]fluoranthene	**61**	**J**	79	24	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Bis(2-chloroethyl)ether	ND		79	24	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Caprolactam	ND		2000	260	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Carbazole	ND		79	18	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2-Chlorophenol	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Chrysene	**94**		79	44	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Dibenz(a,h)anthracene	ND		79	50	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Dibenzofuran	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Dimethyl phthalate	ND		790	430	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Di-n-butyl phthalate	ND		3900	820	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
1,4-Dioxane	ND	F2	790	250	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Fluoranthene	**170**		79	21	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Fluorene	ND		79	15	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Indeno[1,2,3-cd]pyrene	**63**	**J**	79	39	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Isophorone	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2-Methylnaphthalene	ND		79	19	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Lab Sample ID: 180-202364-15
Date Collected: 03/02/26 12:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Naphthalene	ND		79	15	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Nitrobenzene	ND		790	140	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2-Nitrophenol	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Phenanthrene	**65**	**J**	79	21	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Phenol	ND		390	120	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
Pyrene	**150**		79	28	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/05/26 02:52	03/05/26 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*03/05/26 02:52*	*03/05/26 17:14*	*1*
2-Fluorophenol (Surr)	*72*		*48 - 105*	*03/05/26 02:52*	*03/05/26 17:14*	*1*
Nitrobenzene-d5 (Surr)	*77*		*46 - 105*	*03/05/26 02:52*	*03/05/26 17:14*	*1*
Phenol-d5 (Surr)	*75*		*46 - 105*	*03/05/26 02:52*	*03/05/26 17:14*	*1*
Terphenyl-d14 (Surr)	*81*		*39 - 105*	*03/05/26 02:52*	*03/05/26 17:14*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*34 - 108*	*03/05/26 02:52*	*03/05/26 17:14*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	03/05/26 07:52	03/09/26 07:50	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/05/26 07:52	03/09/26 07:50	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/05/26 07:52	03/09/26 07:50	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 07:52	03/09/26 07:50	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 07:52	03/09/26 07:50	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/05/26 07:52	03/09/26 07:50	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/05/26 07:52	03/09/26 07:50	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/05/26 07:52	03/09/26 07:50	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 07:52	03/09/26 07:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*26 - 142*	*03/05/26 07:52*	*03/09/26 07:50*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/05/26 07:52*	*03/09/26 07:50*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/05/26 07:52*	*03/09/26 07:50*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/05/26 07:52*	*03/09/26 07:50*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Lab Sample ID: 180-202364-15
Date Collected: 03/02/26 12:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorooctanoic acid (PFOA)	**0.19**	**J**	0.20	0.059	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorodecanoic acid (PFDA)	**0.062**	**J**	0.20	0.059	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorooctanesulfonic acid (PFOS)	**0.53**		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Lab Sample ID: 180-202364-15
Date Collected: 03/02/26 12:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/06/26 09:54	03/11/26 22:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*92.6*		*8 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C5-PFPeA	*99.2*		*35 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C5-PFHxA	*94.4*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C4-PFHpA	*97.0*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C8-PFOA	*103*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C9-PFNA	*104*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C6-PFDA	*107*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C7-PFUnA	*114*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C2 PFDoA	*110*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C2-PFTeDA	*93.8*		*20 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C3-PFBS	*94.7*		*40 - 135*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C3-PFHxS	*92.5*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C8-PFOS	*117*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C8-PFOSA	*108*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
d3-NMeFOSAA	*129*		*40 - 135*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
d5-NEtFOSAA	*138*		*40 - 150*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C2 4:2 FTS	*140*		*40 - 165*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C2 6:2 FTS	*139*		*40 - 215*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C2 8:2 FTS	*150*		*40 - 275*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
13C3-HFPO-DA	*90.7*		*40 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
D7-NMeFOSE	*94.2*		*20 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
D9-NEtFOSE	*89.0*		*15 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
d5-NEtPFOSA	*89.4*		*10 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*
d3-NMePFOSA	*90.1*		*10 - 130*	*03/06/26 09:54*	*03/11/26 22:08*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1	5.9	2.0	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Aluminum	**12000**		36	11	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Arsenic	**7.9**		5.9	1.7	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Barium	**78**	**F1**	0.59	0.18	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Beryllium	**0.53**	**J**	0.59	0.12	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Cadmium	**0.14**	**J**	0.59	0.12	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Calcium	**17000**		59	25	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Chromium	**17**		1.8	0.71	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Cobalt	**9.3**		0.59	0.17	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Copper	**25**		2.4	0.91	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Iron	**24000**		24	9.5	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Lead	**18**		1.8	0.71	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Magnesium	**5900**		24	4.7	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Manganese	**490**	**F2**	1.2	0.47	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Nickel	**22**		1.2	0.47	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Lab Sample ID: 180-202364-15
Date Collected: 03/02/26 12:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 84.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1500**	**F1**	120	41	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Selenium	ND		5.9	1.8	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Silver	ND		1.2	0.47	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Sodium	**91**	**J**	120	47	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Thallium	ND		3.6	1.5	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Zinc	**80**		2.4	0.95	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1
Vanadium	**19**		1.2	0.51	mg/Kg	☼	03/05/26 09:45	03/05/26 19:35	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.046**	**J F1**	0.070	0.023	mg/Kg	☼	03/06/26 14:17	03/06/26 18:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.6**		1.0	1.0	%			03/05/26 05:01	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV139-0.5-1
Lab Sample ID: 180-202364-16
Date Collected: 03/02/26 12:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		19	5.7	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Benzene	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Bromoform	ND		9.5	4.8	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Bromomethane	ND		4.8	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
2-Butanone (MEK)	ND		9.5	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Carbon disulfide	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Carbon tetrachloride	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Chlorobenzene	ND		4.8	0.86	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Chlorobromomethane	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Chlorodibromomethane	ND		4.8	0.48	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Chloroethane	ND		4.8	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Chloroform	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Chloromethane	ND		4.8	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
cis-1,2-Dichloroethene	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
cis-1,3-Dichloropropene	ND		4.8	0.57	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Cyclohexane	ND		4.8	0.86	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,2-Dibromo-3-Chloropropane	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,2-Dibromoethane	ND		4.8	0.67	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,2-Dichlorobenzene	ND		4.8	0.86	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,3-Dichlorobenzene	ND		4.8	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,4-Dichlorobenzene	ND		4.8	0.86	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Dichlorobromomethane	ND		4.8	0.67	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Dichlorodifluoromethane	ND		4.8	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,1-Dichloroethane	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,2-Dichloroethane	ND		4.8	0.57	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,1-Dichloroethene	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,2-Dichloroethene, Total	ND		9.5	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,2-Dichloropropane	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,4-Dioxane	ND		240	35	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Ethylbenzene	ND		4.8	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
2-Hexanone	ND		9.5	2.4	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Isopropylbenzene	ND		4.8	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Methyl acetate	ND		4.8	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Methylcyclohexane	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Methylene Chloride	**4.6**	**J**	4.8	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
4-Methyl-2-pentanone (MIBK)	ND		9.5	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Methyl tert-butyl ether	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
m-Xylene & p-Xylene	ND		4.8	1.9	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
o-Xylene	ND		4.8	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Styrene	ND		4.8	0.86	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,1,2,2-Tetrachloroethane	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Tetrachloroethene	ND		4.8	1.4	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Toluene	ND		4.8	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
trans-1,2-Dichloroethene	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
trans-1,3-Dichloropropene	ND		4.8	0.57	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,2,3-Trichlorobenzene	ND		9.5	4.8	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,2,4-Trichlorobenzene	ND		9.5	4.8	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,1,1-Trichloroethane	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,1,2-Trichloroethane	ND		4.8	0.67	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV139-0.5-1
Lab Sample ID: 180-202364-16
Date Collected: 03/02/26 12:35
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 87.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Trichlorofluoromethane	ND		4.8	0.95	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.5	0.86	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Vinyl chloride	ND		4.8	0.76	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1
Xylenes, Total	ND		9.5	0.67	ug/Kg	☼	03/04/26 10:23	03/12/26 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*03/04/26 10:23*	*03/12/26 18:22*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*03/04/26 10:23*	*03/12/26 18:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*03/04/26 10:23*	*03/12/26 18:22*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*03/04/26 10:23*	*03/12/26 18:22*	*1*

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV140-0-0.17
Lab Sample ID: 180-202364-17
Date Collected: 03/02/26 12:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 55.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		120	34	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Acenaphthylene	ND		120	26	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Acetophenone	ND		1200	210	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Anthracene	ND		120	31	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Atrazine	ND		1200	260	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Benzaldehyde	ND		1200	74	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Benzo[a]anthracene	**130**		120	54	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Benzo[a]pyrene	**140**		120	52	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Benzo[b]fluoranthene	**210**		120	29	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Benzo[g,h,i]perylene	**110**	**J**	120	26	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Benzo[k]fluoranthene	**71**	**J**	120	36	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
1,1'-Biphenyl	ND		590	220	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Bis(2-chloroethoxy)methane	ND		590	220	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Bis(2-chloroethyl)ether	ND		120	37	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Bis(2-ethylhexyl) phthalate	ND		5900	640	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
4-Bromophenyl phenyl ether	ND		590	250	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Butyl benzyl phthalate	ND		3000	410	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Caprolactam	ND		3000	390	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Carbazole	ND		120	28	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
4-Chloroaniline	ND		590	160	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
4-Chloro-3-methylphenol	ND		590	210	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2-Chloronaphthalene	ND		120	27	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2-Chlorophenol	ND		590	220	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
4-Chlorophenyl phenyl ether	ND		590	200	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Chrysene	**140**		120	66	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Dibenz(a,h)anthracene	ND		120	76	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Dibenzofuran	ND		590	220	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
3,3'-Dichlorobenzidine	ND		590	560	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2,4-Dichlorophenol	ND		120	46	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Diethyl phthalate	ND		590	210	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2,4-Dimethylphenol	ND		590	200	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Dimethyl phthalate	ND		1200	660	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Di-n-butyl phthalate	ND		5900	1200	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
4,6-Dinitro-2-methylphenol	ND		3000	1000	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2,4-Dinitrophenol	ND		5900	3700	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2,4-Dinitrotoluene	ND		590	360	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2,6-Dinitrotoluene	ND		590	230	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Di-n-octyl phthalate	ND		590	350	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
1,4-Dioxane	ND		1200	370	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Fluoranthene	**270**		120	32	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Fluorene	ND		120	23	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Hexachlorobenzene	ND		120	43	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Hexachlorobutadiene	ND		120	35	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Hexachlorocyclopentadiene	ND		590	160	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Hexachloroethane	ND		590	210	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Indeno[1,2,3-cd]pyrene	**95**	**J**	120	59	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Isophorone	ND		590	220	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2-Methylnaphthalene	ND		120	29	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2-Methylphenol	ND		590	170	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1

Client Sample ID: SSHS-IRM5A2-SCV140-0-0.17
Lab Sample ID: 180-202364-17
Date Collected: 03/02/26 12:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 55.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		590	180	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Naphthalene	ND		120	23	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2-Nitroaniline	ND		3000	270	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
3-Nitroaniline	ND		3000	150	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
4-Nitroaniline	ND		3000	220	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Nitrobenzene	ND		1200	220	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2-Nitrophenol	ND		590	220	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
4-Nitrophenol	ND		3000	420	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
N-Nitrosodi-n-propylamine	ND		120	40	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
N-Nitrosodiphenylamine	ND		590	200	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2,2'-oxybis[1-chloropropane]	ND		120	44	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Pentachlorophenol	ND		3000	960	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Phenanthrene	**130**		120	32	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Phenol	ND		590	180	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
Pyrene	**250**		120	42	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
1,2,4,5-Tetrachlorobenzene	ND		590	240	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2,3,4,6-Tetrachlorophenol	ND		590	250	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2,4,5-Trichlorophenol	ND		590	210	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1
2,4,6-Trichlorophenol	ND		590	200	ug/Kg	☼	03/05/26 02:52	03/05/26 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*44 - 105*	*03/05/26 02:52*	*03/05/26 18:20*	*1*
2-Fluorophenol (Surr)	*80*		*48 - 105*	*03/05/26 02:52*	*03/05/26 18:20*	*1*
Nitrobenzene-d5 (Surr)	*79*		*46 - 105*	*03/05/26 02:52*	*03/05/26 18:20*	*1*
Phenol-d5 (Surr)	*85*		*46 - 105*	*03/05/26 02:52*	*03/05/26 18:20*	*1*
Terphenyl-d14 (Surr)	*86*		*39 - 105*	*03/05/26 02:52*	*03/05/26 18:20*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*	*03/05/26 02:52*	*03/05/26 18:20*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		29	9.5	ug/Kg	☼	03/05/26 07:52	03/09/26 09:02	1
PCB-1221	ND		29	10	ug/Kg	☼	03/05/26 07:52	03/09/26 09:02	1
PCB-1232	ND		29	7.1	ug/Kg	☼	03/05/26 07:52	03/09/26 09:02	1
PCB-1242	ND		29	4.3	ug/Kg	☼	03/05/26 07:52	03/09/26 09:02	1
PCB-1248	ND		29	7.0	ug/Kg	☼	03/05/26 07:52	03/09/26 09:02	1
PCB-1254	ND		29	8.7	ug/Kg	☼	03/05/26 07:52	03/09/26 09:02	1
PCB-1260	ND		29	8.3	ug/Kg	☼	03/05/26 07:52	03/09/26 09:02	1
PCB-1262	ND		29	10	ug/Kg	☼	03/05/26 07:52	03/09/26 09:02	1
PCB-1268	ND		29	3.9	ug/Kg	☼	03/05/26 07:52	03/09/26 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*87*		*26 - 142*	*03/05/26 07:52*	*03/09/26 09:02*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*26 - 142*	*03/05/26 07:52*	*03/09/26 09:02*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*17 - 144*	*03/05/26 07:52*	*03/09/26 09:02*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/05/26 07:52*	*03/09/26 09:02*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		8.2	2.8	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Aluminum	**7600**		49	15	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV140-0-0.17
Lab Sample ID: 180-202364-17
Date Collected: 03/02/26 12:45
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 55.5

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.6	J	8.2	2.3	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Barium	63		0.82	0.25	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Beryllium	0.33	J	0.82	0.16	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Cadmium	0.51	J	0.82	0.16	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Calcium	19000		82	34	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Chromium	11		2.5	0.98	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Cobalt	4.3		0.82	0.24	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Copper	19		3.3	1.3	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Iron	13000		33	13	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Lead	12		2.5	0.98	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Magnesium	5400	B	33	6.6	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Manganese	250		1.6	0.66	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Nickel	13		1.6	0.66	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Potassium	1600		160	57	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Selenium	ND		8.2	2.5	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Silver	ND		1.6	0.66	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Sodium	140	J	160	66	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Thallium	ND		4.9	2.1	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Zinc	69		3.3	1.3	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1
Vanadium	16		1.6	0.70	mg/Kg	☼	03/06/26 00:03	03/06/26 13:20	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.085	J	0.10	0.035	mg/Kg	☼	03/06/26 14:17	03/06/26 19:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	44.5		1.0	1.0	%			03/05/26 05:01	1

Client Sample ID: SSHS-IRM5A2-SCV140-0.17-1
Lab Sample ID: 180-202364-18
Date Collected: 03/02/26 12:50
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Acenaphthylene	ND		79	17	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Acetophenone	ND		790	140	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Anthracene	**22**	**J**	79	20	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Atrazine	ND		790	170	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Benzaldehyde	ND		790	49	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Benzo[a]anthracene	**130**		79	36	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Benzo[a]pyrene	**140**		79	34	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Benzo[b]fluoranthene	**200**		79	19	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Benzo[g,h,i]perylene	**110**		79	17	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Benzo[k]fluoranthene	**70**	**J**	79	24	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Bis(2-chloroethyl)ether	ND		79	24	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Caprolactam	ND		2000	260	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Carbazole	ND		79	18	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Chrysene	**140**		79	44	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Dibenz(a,h)anthracene	ND		79	50	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Dibenzofuran	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Dimethyl phthalate	ND		790	440	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Di-n-butyl phthalate	ND		3900	820	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
1,4-Dioxane	ND		790	250	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Fluoranthene	**270**		79	21	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Fluorene	ND		79	15	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Indeno[1,2,3-cd]pyrene	**88**		79	39	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Isophorone	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2-Methylnaphthalene	ND		79	19	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1

Client Sample ID: SSHS-IRM5A2-SCV140-0.17-1
Lab Sample ID: 180-202364-18
Date Collected: 03/02/26 12:50
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Naphthalene	ND		79	15	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Nitrobenzene	ND		790	140	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Phenanthrene	**110**		79	21	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Phenol	ND		390	120	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
Pyrene	**240**		79	28	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/05/26 02:52	03/05/26 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*44 - 105*	*03/05/26 02:52*	*03/05/26 18:42*	*1*
2-Fluorophenol (Surr)	*79*		*48 - 105*	*03/05/26 02:52*	*03/05/26 18:42*	*1*
Nitrobenzene-d5 (Surr)	*85*		*46 - 105*	*03/05/26 02:52*	*03/05/26 18:42*	*1*
Phenol-d5 (Surr)	*83*		*46 - 105*	*03/05/26 02:52*	*03/05/26 18:42*	*1*
Terphenyl-d14 (Surr)	*91*		*39 - 105*	*03/05/26 02:52*	*03/05/26 18:42*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*34 - 108*	*03/05/26 02:52*	*03/05/26 18:42*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	03/05/26 07:52	03/09/26 09:20	1
PCB-1221	ND		19	6.9	ug/Kg	☼	03/05/26 07:52	03/09/26 09:20	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/05/26 07:52	03/09/26 09:20	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 07:52	03/09/26 09:20	1
PCB-1248	ND		19	4.7	ug/Kg	☼	03/05/26 07:52	03/09/26 09:20	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/05/26 07:52	03/09/26 09:20	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/05/26 07:52	03/09/26 09:20	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/05/26 07:52	03/09/26 09:20	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 07:52	03/09/26 09:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*92*		*26 - 142*	*03/05/26 07:52*	*03/09/26 09:20*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*26 - 142*	*03/05/26 07:52*	*03/09/26 09:20*	*1*
Tetrachloro-m-xylene (Surr)	*107*		*17 - 144*	*03/05/26 07:52*	*03/09/26 09:20*	*1*
Tetrachloro-m-xylene (Surr)	*104*		*17 - 144*	*03/05/26 07:52*	*03/09/26 09:20*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.5	1.9	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Aluminum	**11000**		33	9.9	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV140-0.17-1
Lab Sample ID: 180-202364-18
Date Collected: 03/02/26 12:50
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 82.9

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		5.5	1.5	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Barium	69		0.55	0.16	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Beryllium	0.48	J	0.55	0.11	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Cadmium	0.15	J	0.55	0.11	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Calcium	26000		55	23	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Chromium	15		1.6	0.66	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Cobalt	7.9		0.55	0.16	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Copper	23		2.2	0.84	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Iron	21000		22	8.8	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Lead	15		1.6	0.66	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Magnesium	7400		22	4.4	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Manganese	420		1.1	0.44	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Nickel	19		1.1	0.44	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Potassium	1500		110	38	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Selenium	ND		5.5	1.6	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Sodium	78	J	110	44	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Zinc	73		2.2	0.88	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1
Vanadium	17		1.1	0.47	mg/Kg	☼	03/05/26 09:45	03/05/26 21:47	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051	J	0.072	0.024	mg/Kg	☼	03/05/26 12:00	03/05/26 17:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.1		1.0	1.0	%			03/05/26 05:01	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCVDUP11
Lab Sample ID: 180-202364-19
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Acenaphthylene	ND		76	17	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Acetophenone	ND		760	140	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Anthracene	**30**	**J**	76	20	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Atrazine	ND		760	170	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Benzo[a]anthracene	**140**		76	34	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Benzo[a]pyrene	**150**		76	33	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Benzo[b]fluoranthene	**210**		76	19	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Benzo[g,h,i]perylene	**120**		76	16	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Benzo[k]fluoranthene	**93**		76	23	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Bis(2-ethylhexyl) phthalate	ND		3800	400	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Carbazole	ND		76	18	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Chrysene	**170**		76	42	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Dibenz(a,h)anthracene	ND		76	49	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
3,3'-Dichlorobenzidine	ND		380	350	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Di-n-butyl phthalate	ND		3800	790	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
4,6-Dinitro-2-methylphenol	ND		1900	660	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Fluoranthene	**310**		76	20	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Fluorene	ND		76	15	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Hexachloroethane	ND		380	130	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Indeno[1,2,3-cd]pyrene	**110**		76	38	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Isophorone	ND		380	140	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1

Client Sample ID: SSHS-IRM5A2-SCVDUP11
Lab Sample ID: 180-202364-19

Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Naphthalene	ND		76	15	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
3-Nitroaniline	ND		1900	97	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Phenanthrene	**130**		76	20	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Phenol	ND		380	120	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
Pyrene	**300**		76	27	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 02:52	03/05/26 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*44 - 105*	*03/05/26 02:52*	*03/05/26 19:05*	*1*
2-Fluorophenol (Surr)	*83*		*48 - 105*	*03/05/26 02:52*	*03/05/26 19:05*	*1*
Nitrobenzene-d5 (Surr)	*90*		*46 - 105*	*03/05/26 02:52*	*03/05/26 19:05*	*1*
Phenol-d5 (Surr)	*89*		*46 - 105*	*03/05/26 02:52*	*03/05/26 19:05*	*1*
Terphenyl-d14 (Surr)	*102*		*39 - 105*	*03/05/26 02:52*	*03/05/26 19:05*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*34 - 108*	*03/05/26 02:52*	*03/05/26 19:05*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 07:54	03/09/26 09:38	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/05/26 07:54	03/09/26 09:38	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/05/26 07:54	03/09/26 09:38	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 07:54	03/09/26 09:38	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 07:54	03/09/26 09:38	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 07:54	03/09/26 09:38	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 07:54	03/09/26 09:38	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/05/26 07:54	03/09/26 09:38	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 07:54	03/09/26 09:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*78*		*26 - 142*	*03/05/26 07:54*	*03/09/26 09:38*	*1*
DCB Decachlorobiphenyl (Surr)	*73*		*26 - 142*	*03/05/26 07:54*	*03/09/26 09:38*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*17 - 144*	*03/05/26 07:54*	*03/09/26 09:38*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/05/26 07:54*	*03/09/26 09:38*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.7	1.9	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Aluminum	**12000**		34	10	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCVDUP11
Lab Sample ID: 180-202364-19
Date Collected: 03/02/26 00:00
Matrix: Solid
Date Received: 03/04/26 10:13
Percent Solids: 86.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		5.7	1.6	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Barium	84		0.57	0.17	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Beryllium	0.56	J	0.57	0.11	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Cadmium	0.14	J	0.57	0.11	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Calcium	18000		57	24	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Chromium	17		1.7	0.68	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Cobalt	8.9		0.57	0.17	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Copper	26		2.3	0.87	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Iron	23000		23	9.1	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Lead	20		1.7	0.68	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Magnesium	5700		23	4.5	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Manganese	440		1.1	0.45	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Nickel	22		1.1	0.45	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Potassium	1700		110	40	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Sodium	74	J	110	45	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Zinc	86		2.3	0.91	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1
Vanadium	19		1.1	0.49	mg/Kg	☼	03/05/26 09:45	03/05/26 21:44	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	J	0.067	0.022	mg/Kg	☼	03/05/26 12:00	03/05/26 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.4		1.0	1.0	%			03/05/26 05:01	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-781565/7
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/12/26 10:36	1
Benzene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Bromoform	ND		10	5.0	ug/Kg			03/12/26 10:36	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/12/26 10:36	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/12/26 10:36	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Chloroform	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/12/26 10:36	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/12/26 10:36	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/12/26 10:36	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/12/26 10:36	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/12/26 10:36	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
1,4-Dioxane	ND		250	37	ug/Kg			03/12/26 10:36	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
2-Hexanone	ND		10	2.5	ug/Kg			03/12/26 10:36	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/12/26 10:36	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/12/26 10:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/12/26 10:36	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/12/26 10:36	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
Styrene	ND		5.0	0.90	ug/Kg			03/12/26 10:36	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/12/26 10:36	1
Toluene	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/12/26 10:36	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/12/26 10:36	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/12/26 10:36	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-781565/7
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/12/26 10:36	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/12/26 10:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/12/26 10:36	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/12/26 10:36	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/12/26 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*		*03/12/26 10:36*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 141*		*03/12/26 10:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*		*03/12/26 10:36*	*1*
Toluene-d8 (Surr)	*94*		*52 - 141*		*03/12/26 10:36*	*1*

Lab Sample ID: LCS 410-781565/4
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	273		ug/Kg		109	52 - 142
Benzene	20.0	20.0		ug/Kg		100	80 - 120
Bromoform	20.0	16.1		ug/Kg		80	66 - 127
Bromomethane	20.0	19.5		ug/Kg		98	60 - 126
2-Butanone (MEK)	250	231		ug/Kg		92	62 - 132
Carbon disulfide	20.0	17.7		ug/Kg		89	56 - 125
Carbon tetrachloride	20.0	16.7		ug/Kg		83	70 - 120
Chlorobenzene	20.0	17.8		ug/Kg		89	74 - 120
Chlorobromomethane	20.0	18.9		ug/Kg		94	79 - 124
Chlorodibromomethane	20.0	16.8		ug/Kg		84	77 - 125
Chloroethane	20.0	20.8		ug/Kg		104	55 - 127
Chloroform	20.0	18.8		ug/Kg		94	73 - 120
Chloromethane	20.0	20.5		ug/Kg		103	50 - 120
cis-1,2-Dichloroethene	20.0	19.7		ug/Kg		98	80 - 125
cis-1,3-Dichloropropene	20.0	18.7		ug/Kg		93	73 - 120
Cyclohexane	20.0	18.8		ug/Kg		94	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	14.7		ug/Kg		73	61 - 120
1,2-Dibromoethane	20.0	18.1		ug/Kg		91	76 - 120
1,2-Dichlorobenzene	20.0	17.6		ug/Kg		88	74 - 120
1,3-Dichlorobenzene	20.0	17.0		ug/Kg		85	75 - 120
1,4-Dichlorobenzene	20.0	17.8		ug/Kg		89	76 - 122
Dichlorobromomethane	20.0	19.1		ug/Kg		95	77 - 120
Dichlorodifluoromethane	20.0	17.9		ug/Kg		90	44 - 120
1,1-Dichloroethane	20.0	19.8		ug/Kg		99	76 - 120
1,2-Dichloroethane	20.0	18.2		ug/Kg		91	72 - 124
1,1-Dichloroethene	20.0	21.2		ug/Kg		106	73 - 129
1,2-Dichloroethene, Total	40.0	39.0		ug/Kg		98	74 - 120
1,2-Dichloropropane	20.0	20.6		ug/Kg		103	70 - 124
1,4-Dioxane	500	524		ug/Kg		105	41 - 177
Ethylbenzene	20.0	18.2		ug/Kg		91	72 - 118

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-781565/4
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	250	225		ug/Kg		90	64 - 140
Isopropylbenzene	20.0	17.8		ug/Kg		89	77 - 134
Methyl acetate	20.0	19.2		ug/Kg		96	59 - 137
Methylcyclohexane	20.0	18.1		ug/Kg		90	61 - 124
Methylene Chloride	20.0	20.7		ug/Kg		104	76 - 122
4-Methyl-2-pentanone (MIBK)	250	245		ug/Kg		98	67 - 138
Methyl tert-butyl ether	20.0	17.6		ug/Kg		88	63 - 120
m-Xylene & p-Xylene	40.0	35.4		ug/Kg		88	80 - 120
o-Xylene	20.0	17.7		ug/Kg		89	75 - 120
Styrene	20.0	17.8		ug/Kg		89	76 - 120
1,1,2,2-Tetrachloroethane	20.0	19.2		ug/Kg		96	69 - 125
Tetrachloroethene	20.0	16.3		ug/Kg		81	73 - 120
Toluene	20.0	18.1		ug/Kg		90	71 - 120
trans-1,2-Dichloroethene	20.0	19.3		ug/Kg		96	71 - 126
trans-1,3-Dichloropropene	20.0	18.0		ug/Kg		90	76 - 122
1,2,3-Trichlorobenzene	20.0	16.0		ug/Kg		80	64 - 123
1,2,4-Trichlorobenzene	20.0	16.4		ug/Kg		82	69 - 124
1,1,1-Trichloroethane	20.0	17.6		ug/Kg		88	69 - 123
1,1,2-Trichloroethane	20.0	19.5		ug/Kg		98	76 - 120
Trichloroethene	20.0	18.7		ug/Kg		94	72 - 120
Trichlorofluoromethane	20.0	14.0		ug/Kg		70	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.4		ug/Kg		92	53 - 126
Vinyl chloride	20.0	19.6		ug/Kg		98	52 - 120
Xylenes, Total	60.0	53.1		ug/Kg		89	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*50 - 131*
Dibromofluoromethane (Surr)	*97*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*
Toluene-d8 (Surr)	*94*		*52 - 141*

Lab Sample ID: LCSD 410-781565/5
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	296		ug/Kg		119	52 - 142	8	30
Benzene	20.0	20.1		ug/Kg		101	80 - 120	1	30
Bromoform	20.0	16.3		ug/Kg		82	66 - 127	1	30
Bromomethane	20.0	19.4		ug/Kg		97	60 - 126	1	30
2-Butanone (MEK)	250	225		ug/Kg		90	62 - 132	3	30
Carbon disulfide	20.0	17.8		ug/Kg		89	56 - 125	1	30
Carbon tetrachloride	20.0	16.6		ug/Kg		83	70 - 120	1	30
Chlorobenzene	20.0	17.9		ug/Kg		90	74 - 120	1	30
Chlorobromomethane	20.0	19.0		ug/Kg		95	79 - 124	1	30
Chlorodibromomethane	20.0	17.4		ug/Kg		87	77 - 125	4	30
Chloroethane	20.0	20.1		ug/Kg		101	55 - 127	3	30
Chloroform	20.0	19.1		ug/Kg		96	73 - 120	2	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-781565/5
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			20.0	20.9		ug/Kg		104	50 - 120	2	30
cis-1,2-Dichloroethene			20.0	20.0		ug/Kg		100	80 - 125	1	30
cis-1,3-Dichloropropene			20.0	19.2		ug/Kg		96	73 - 120	3	30
Cyclohexane			20.0	18.9		ug/Kg		94	58 - 120	0	30
1,2-Dibromo-3-Chloropropane			20.0	14.5		ug/Kg		73	61 - 120	1	30
1,2-Dibromoethane			20.0	18.6		ug/Kg		93	76 - 120	3	30
1,2-Dichlorobenzene			20.0	17.9		ug/Kg		90	74 - 120	2	30
1,3-Dichlorobenzene			20.0	17.6		ug/Kg		88	75 - 120	3	30
1,4-Dichlorobenzene			20.0	18.1		ug/Kg		91	76 - 122	2	30
Dichlorobromomethane			20.0	19.6		ug/Kg		98	77 - 120	2	30
Dichlorodifluoromethane			20.0	17.8		ug/Kg		89	44 - 120	1	30
1,1-Dichloroethane			20.0	19.8		ug/Kg		99	76 - 120	0	30
1,2-Dichloroethane			20.0	18.6		ug/Kg		93	72 - 124	2	30
1,1-Dichloroethene			20.0	20.8		ug/Kg		104	73 - 129	2	30
1,2-Dichloroethene, Total			40.0	39.5		ug/Kg		99	74 - 120	1	30
1,2-Dichloropropane			20.0	20.6		ug/Kg		103	70 - 124	0	30
1,4-Dioxane			500	531		ug/Kg		106	41 - 177	1	30
Ethylbenzene			20.0	18.3		ug/Kg		92	72 - 118	1	30
2-Hexanone			250	223		ug/Kg		89	64 - 140	1	30
Isopropylbenzene			20.0	17.9		ug/Kg		90	77 - 134	1	30
Methyl acetate			20.0	18.6		ug/Kg		93	59 - 137	3	30
Methylcyclohexane			20.0	18.2		ug/Kg		91	61 - 124	1	30
Methylene Chloride			20.0	20.5		ug/Kg		102	76 - 122	1	30
4-Methyl-2-pentanone (MIBK)			250	240		ug/Kg		96	67 - 138	2	30
Methyl tert-butyl ether			20.0	17.7		ug/Kg		89	63 - 120	1	30
m-Xylene & p-Xylene			40.0	35.6		ug/Kg		89	80 - 120	1	30
o-Xylene			20.0	17.9		ug/Kg		89	75 - 120	1	30
Styrene			20.0	18.2		ug/Kg		91	76 - 120	2	30
1,1,2,2-Tetrachloroethane			20.0	19.4		ug/Kg		97	69 - 125	1	30
Tetrachloroethene			20.0	16.5		ug/Kg		82	73 - 120	1	30
Toluene			20.0	18.4		ug/Kg		92	71 - 120	2	30
trans-1,2-Dichloroethene			20.0	19.5		ug/Kg		98	71 - 126	1	30
trans-1,3-Dichloropropene			20.0	18.4		ug/Kg		92	76 - 122	2	30
1,2,3-Trichlorobenzene			20.0	16.1		ug/Kg		81	64 - 123	1	30
1,2,4-Trichlorobenzene			20.0	16.8		ug/Kg		84	69 - 124	2	30
1,1,1-Trichloroethane			20.0	17.4		ug/Kg		87	69 - 123	1	30
1,1,2-Trichloroethane			20.0	19.5		ug/Kg		98	76 - 120	0	30
Trichloroethene			20.0	19.0		ug/Kg		95	72 - 120	1	30
Trichlorofluoromethane			20.0	13.8		ug/Kg		69	58 - 120	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	18.1		ug/Kg		91	53 - 126	1	30
Vinyl chloride			20.0	19.8		ug/Kg		99	52 - 120	1	30
Xylenes, Total			60.0	53.5		ug/Kg		89	75 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*50 - 131*
Dibromofluoromethane (Surr)	*97*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-781565/5
Matrix: Solid
Analysis Batch: 781565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	95		52 - 141

Lab Sample ID: MB 410-781592/7
Matrix: Solid
Analysis Batch: 781592

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/12/26 12:24	1
Benzene	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
Bromoform	ND		10	5.0	ug/Kg			03/12/26 12:24	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/12/26 12:24	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/12/26 12:24	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 12:24	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/12/26 12:24	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/12/26 12:24	1
Chloroform	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/12/26 12:24	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/12/26 12:24	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/12/26 12:24	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/12/26 12:24	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 12:24	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/12/26 12:24	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/12/26 12:24	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/12/26 12:24	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/12/26 12:24	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/12/26 12:24	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/12/26 12:24	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
1,4-Dioxane	ND		250	37	ug/Kg			03/12/26 12:24	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/12/26 12:24	1
2-Hexanone	ND		10	2.5	ug/Kg			03/12/26 12:24	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/12/26 12:24	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/12/26 12:24	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/12/26 12:24	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/12/26 12:24	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/12/26 12:24	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/12/26 12:24	1
Styrene	ND		5.0	0.90	ug/Kg			03/12/26 12:24	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-781592/7
Matrix: Solid
Analysis Batch: 781592

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/12/26 12:24	1
Toluene	ND		5.0	1.0	ug/Kg			03/12/26 12:24	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/12/26 12:24	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/12/26 12:24	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/12/26 12:24	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/12/26 12:24	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/12/26 12:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/12/26 12:24	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/12/26 12:24	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/12/26 12:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*		*03/12/26 12:24*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 141*		*03/12/26 12:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*54 - 135*		*03/12/26 12:24*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*		*03/12/26 12:24*	*1*

Lab Sample ID: LCS 410-781592/4
Matrix: Solid
Analysis Batch: 781592

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	229		ug/Kg		91	52 - 142
Benzene	20.0	18.9		ug/Kg		94	80 - 120
Bromoform	20.0	17.4		ug/Kg		87	66 - 127
Bromomethane	20.0	18.2		ug/Kg		91	60 - 126
2-Butanone (MEK)	250	216		ug/Kg		87	62 - 132
Carbon disulfide	20.0	17.8		ug/Kg		89	56 - 125
Carbon tetrachloride	20.0	16.7		ug/Kg		84	70 - 120
Chlorobenzene	20.0	18.7		ug/Kg		93	74 - 120
Chlorobromomethane	20.0	18.7		ug/Kg		94	79 - 124
Chlorodibromomethane	20.0	18.1		ug/Kg		91	77 - 125
Chloroethane	20.0	18.4		ug/Kg		92	55 - 127
Chloroform	20.0	17.8		ug/Kg		89	73 - 120
Chloromethane	20.0	18.2		ug/Kg		91	50 - 120
cis-1,2-Dichloroethene	20.0	18.8		ug/Kg		94	80 - 125
cis-1,3-Dichloropropene	20.0	17.9		ug/Kg		89	73 - 120
Cyclohexane	20.0	17.8		ug/Kg		89	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.2		ug/Kg		91	61 - 120
1,2-Dibromoethane	20.0	19.0		ug/Kg		95	76 - 120
1,2-Dichlorobenzene	20.0	18.1		ug/Kg		91	74 - 120
1,3-Dichlorobenzene	20.0	18.5		ug/Kg		93	75 - 120
1,4-Dichlorobenzene	20.0	18.3		ug/Kg		91	76 - 122
Dichlorobromomethane	20.0	17.7		ug/Kg		89	77 - 120
Dichlorodifluoromethane	20.0	16.0		ug/Kg		80	44 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-781592/4
Matrix: Solid
Analysis Batch: 781592

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	19.3		ug/Kg		96	76 - 120
1,2-Dichloroethane	20.0	17.4		ug/Kg		87	72 - 124
1,1-Dichloroethene	20.0	19.1		ug/Kg		96	73 - 129
1,2-Dichloroethene, Total	40.0	37.1		ug/Kg		93	74 - 120
1,2-Dichloropropane	20.0	19.1		ug/Kg		95	70 - 124
1,4-Dioxane	500	429		ug/Kg		86	41 - 177
Ethylbenzene	20.0	18.4		ug/Kg		92	72 - 118
2-Hexanone	250	260		ug/Kg		104	64 - 140
Isopropylbenzene	20.0	18.4		ug/Kg		92	77 - 134
Methyl acetate	20.0	19.0		ug/Kg		95	59 - 137
Methylcyclohexane	20.0	17.2		ug/Kg		86	61 - 124
Methylene Chloride	20.0	19.4		ug/Kg		97	76 - 122
4-Methyl-2-pentanone (MIBK)	250	257		ug/Kg		103	67 - 138
Methyl tert-butyl ether	20.0	17.9		ug/Kg		89	63 - 120
m-Xylene & p-Xylene	40.0	35.7		ug/Kg		89	80 - 120
o-Xylene	20.0	18.3		ug/Kg		91	75 - 120
Styrene	20.0	18.4		ug/Kg		92	76 - 120
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/Kg		103	69 - 125
Tetrachloroethene	20.0	17.0		ug/Kg		85	73 - 120
Toluene	20.0	18.6		ug/Kg		93	71 - 120
trans-1,2-Dichloroethene	20.0	18.3		ug/Kg		91	71 - 126
trans-1,3-Dichloropropene	20.0	18.9		ug/Kg		94	76 - 122
1,2,3-Trichlorobenzene	20.0	17.1		ug/Kg		85	64 - 123
1,2,4-Trichlorobenzene	20.0	17.0		ug/Kg		85	69 - 124
1,1,1-Trichloroethane	20.0	16.8		ug/Kg		84	69 - 123
1,1,2-Trichloroethane	20.0	20.0		ug/Kg		100	76 - 120
Trichloroethene	20.0	17.6		ug/Kg		88	72 - 120
Trichlorofluoromethane	20.0	12.8		ug/Kg		64	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.0		ug/Kg		85	53 - 126
Vinyl chloride	20.0	18.0		ug/Kg		90	52 - 120
Xylenes, Total	60.0	54.0		ug/Kg		90	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*
Dibromofluoromethane (Surr)	*99*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: LCSD 410-781592/5
Matrix: Solid
Analysis Batch: 781592

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	260	237		ug/Kg		91	52 - 142	3	30
Benzene	20.8	20.7		ug/Kg		100	80 - 120	9	30
Bromoform	20.8	19.5		ug/Kg		94	66 - 127	11	30
Bromomethane	20.0	20.1		ug/Kg		100	60 - 126	10	30
2-Butanone (MEK)	260	228		ug/Kg		88	62 - 132	5	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-781592/5
Matrix: Solid
Analysis Batch: 781592

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon disulfide	20.8	19.8		ug/Kg		95	56 - 125	11	30
Carbon tetrachloride	20.8	18.5		ug/Kg		89	70 - 120	10	30
Chlorobenzene	20.8	20.8		ug/Kg		100	74 - 120	11	30
Chlorobromomethane	20.8	20.9		ug/Kg		101	79 - 124	11	30
Chlorodibromomethane	20.8	20.2		ug/Kg		97	77 - 125	11	30
Chloroethane	20.0	20.5		ug/Kg		103	55 - 127	11	30
Chloroform	20.8	19.7		ug/Kg		95	73 - 120	10	30
Chloromethane	20.0	20.1		ug/Kg		100	50 - 120	10	30
cis-1,2-Dichloroethene	20.8	20.8		ug/Kg		100	80 - 125	10	30
cis-1,3-Dichloropropene	20.8	19.9		ug/Kg		95	73 - 120	11	30
Cyclohexane	20.8	20.1		ug/Kg		97	58 - 120	12	30
1,2-Dibromo-3-Chloropropane	20.8	21.7		ug/Kg		104	61 - 120	17	30
1,2-Dibromoethane	20.8	21.4		ug/Kg		103	76 - 120	12	30
1,2-Dichlorobenzene	20.8	20.5		ug/Kg		99	74 - 120	12	30
1,3-Dichlorobenzene	20.8	20.3		ug/Kg		98	75 - 120	9	30
1,4-Dichlorobenzene	20.8	20.3		ug/Kg		98	76 - 122	11	30
Dichlorobromomethane	20.8	19.7		ug/Kg		95	77 - 120	10	30
Dichlorodifluoromethane	20.0	17.7		ug/Kg		89	44 - 120	10	30
1,1-Dichloroethane	20.8	21.2		ug/Kg		102	76 - 120	10	30
1,2-Dichloroethane	20.8	19.6		ug/Kg		94	72 - 124	12	30
1,1-Dichloroethene	20.8	21.6		ug/Kg		104	73 - 129	12	30
1,2-Dichloroethene, Total	41.6	41.3		ug/Kg		99	74 - 120	11	30
1,2-Dichloropropane	20.8	21.2		ug/Kg		102	70 - 124	10	30
1,4-Dioxane	520	479		ug/Kg		92	41 - 177	11	30
Ethylbenzene	20.8	20.6		ug/Kg		99	72 - 118	11	30
2-Hexanone	260	307		ug/Kg		118	64 - 140	17	30
Isopropylbenzene	20.8	20.4		ug/Kg		98	77 - 134	11	30
Methyl acetate	20.8	22.0		ug/Kg		106	59 - 137	14	30
Methylcyclohexane	20.8	19.1		ug/Kg		92	61 - 124	11	30
Methylene Chloride	20.8	21.3		ug/Kg		103	76 - 122	10	30
4-Methyl-2-pentanone (MIBK)	260	302		ug/Kg		116	67 - 138	16	30
Methyl tert-butyl ether	20.8	20.5		ug/Kg		99	63 - 120	14	30
m-Xylene & p-Xylene	41.6	40.2		ug/Kg		97	80 - 120	12	30
o-Xylene	20.8	20.0		ug/Kg		96	75 - 120	9	30
Styrene	20.8	20.4		ug/Kg		98	76 - 120	10	30
1,1,2,2-Tetrachloroethane	20.8	23.9		ug/Kg		115	69 - 125	14	30
Tetrachloroethene	20.8	19.0		ug/Kg		92	73 - 120	11	30
Toluene	20.8	20.7		ug/Kg		100	71 - 120	11	30
trans-1,2-Dichloroethene	20.8	20.5		ug/Kg		98	71 - 126	11	30
trans-1,3-Dichloropropene	20.8	21.3		ug/Kg		102	76 - 122	12	30
1,2,3-Trichlorobenzene	20.8	19.4		ug/Kg		93	64 - 123	13	30
1,2,4-Trichlorobenzene	20.8	19.2		ug/Kg		92	69 - 124	12	30
1,1,1-Trichloroethane	20.8	18.8		ug/Kg		91	69 - 123	11	30
1,1,2-Trichloroethane	20.8	21.8		ug/Kg		105	76 - 120	9	30
Trichloroethene	20.8	19.7		ug/Kg		95	72 - 120	11	30
Trichlorofluoromethane	20.0	14.2		ug/Kg		71	58 - 120	10	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.8	18.9		ug/Kg		91	53 - 126	11	30
Vinyl chloride	20.0	19.8		ug/Kg		99	52 - 120	10	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-781592/5
Matrix: Solid
Analysis Batch: 781592

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total			62.4	60.2		ug/Kg		96	75 - 120	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*
Dibromofluoromethane (Surr)	*99*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*
Toluene-d8 (Surr)	*103*		*52 - 141*

Lab Sample ID: MB 410-782285/7
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/13/26 10:40	1
Benzene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Bromoform	ND		10	5.0	ug/Kg			03/13/26 10:40	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/13/26 10:40	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/13/26 10:40	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
Chloroform	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/13/26 10:40	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/13/26 10:40	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/13/26 10:40	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/13/26 10:40	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/13/26 10:40	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,4-Dioxane	ND		250	37	ug/Kg			03/13/26 10:40	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
2-Hexanone	ND		10	2.5	ug/Kg			03/13/26 10:40	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/13/26 10:40	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/13/26 10:40	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-782285/7
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/13/26 10:40	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/13/26 10:40	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
Styrene	ND		5.0	0.90	ug/Kg			03/13/26 10:40	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/13/26 10:40	1
Toluene	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/13/26 10:40	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/13/26 10:40	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/13/26 10:40	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/13/26 10:40	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/13/26 10:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/13/26 10:40	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/13/26 10:40	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/13/26 10:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*		*03/13/26 10:40*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 141*		*03/13/26 10:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*54 - 135*		*03/13/26 10:40*	*1*
Toluene-d8 (Surr)	*92*		*52 - 141*		*03/13/26 10:40*	*1*

Lab Sample ID: LCS 410-782285/56
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	274		ug/Kg		110	52 - 142
Benzene	20.0	18.9		ug/Kg		95	80 - 120
Bromoform	20.0	16.1		ug/Kg		81	66 - 127
Bromomethane	20.0	17.4		ug/Kg		87	60 - 126
2-Butanone (MEK)	250	212		ug/Kg		85	62 - 132
Carbon disulfide	20.0	16.3		ug/Kg		82	56 - 125
Carbon tetrachloride	20.0	15.9		ug/Kg		79	70 - 120
Chlorobenzene	20.0	17.0		ug/Kg		85	74 - 120
Chlorobromomethane	20.0	18.0		ug/Kg		90	79 - 124
Chlorodibromomethane	20.0	16.6		ug/Kg		83	77 - 125
Chloroethane	20.0	18.4		ug/Kg		92	55 - 127
Chloroform	20.0	18.2		ug/Kg		91	73 - 120
Chloromethane	20.0	17.4		ug/Kg		87	50 - 120
cis-1,2-Dichloroethene	20.0	18.4		ug/Kg		92	80 - 125
cis-1,3-Dichloropropene	20.0	18.3		ug/Kg		91	73 - 120
Cyclohexane	20.0	18.2		ug/Kg		91	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	15.0		ug/Kg		75	61 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-782285/56
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	20.0	17.7		ug/Kg		88	76 - 120
1,2-Dichlorobenzene	20.0	17.2		ug/Kg		86	74 - 120
1,3-Dichlorobenzene	20.0	16.4		ug/Kg		82	75 - 120
1,4-Dichlorobenzene	20.0	17.2		ug/Kg		86	76 - 122
Dichlorobromomethane	20.0	18.8		ug/Kg		94	77 - 120
Dichlorodifluoromethane	20.0	14.7		ug/Kg		73	44 - 120
1,1-Dichloroethane	20.0	18.5		ug/Kg		93	76 - 120
1,2-Dichloroethane	20.0	18.1		ug/Kg		90	72 - 124
1,1-Dichloroethene	20.0	19.6		ug/Kg		98	73 - 129
1,2-Dichloroethene, Total	40.0	36.4		ug/Kg		91	74 - 120
1,2-Dichloropropane	20.0	19.5		ug/Kg		98	70 - 124
1,4-Dioxane	500	517		ug/Kg		103	41 - 177
Ethylbenzene	20.0	17.3		ug/Kg		86	72 - 118
2-Hexanone	250	206		ug/Kg		82	64 - 140
Isopropylbenzene	20.0	17.0		ug/Kg		85	77 - 134
Methyl acetate	20.0	17.5		ug/Kg		87	59 - 137
Methylcyclohexane	20.0	18.0		ug/Kg		90	61 - 124
Methylene Chloride	20.0	18.9		ug/Kg		94	76 - 122
4-Methyl-2-pentanone (MIBK)	250	226		ug/Kg		91	67 - 138
Methyl tert-butyl ether	20.0	17.2		ug/Kg		86	63 - 120
m-Xylene & p-Xylene	40.0	33.3		ug/Kg		83	80 - 120
o-Xylene	20.0	16.8		ug/Kg		84	75 - 120
Styrene	20.0	17.1		ug/Kg		86	76 - 120
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/Kg		97	69 - 125
Tetrachloroethene	20.0	15.2		ug/Kg		76	73 - 120
Toluene	20.0	17.1		ug/Kg		86	71 - 120
trans-1,2-Dichloroethene	20.0	18.0		ug/Kg		90	71 - 126
trans-1,3-Dichloropropene	20.0	17.6		ug/Kg		88	76 - 122
1,2,3-Trichlorobenzene	20.0	15.3		ug/Kg		76	64 - 123
1,2,4-Trichlorobenzene	20.0	15.5		ug/Kg		77	69 - 124
1,1,1-Trichloroethane	20.0	16.8		ug/Kg		84	69 - 123
1,1,2-Trichloroethane	20.0	19.2		ug/Kg		96	76 - 120
Trichloroethene	20.0	18.0		ug/Kg		90	72 - 120
Trichlorofluoromethane	20.0	13.5		ug/Kg		68	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.1		ug/Kg		86	53 - 126
Vinyl chloride	20.0	17.4		ug/Kg		87	52 - 120
Xylenes, Total	60.0	50.1		ug/Kg		84	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*50 - 131*
Dibromofluoromethane (Surr)	*96*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*97*		*54 - 135*
Toluene-d8 (Surr)	*94*		*52 - 141*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-782285/57
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			250	256		ug/Kg		102	52 - 142	7	30
Benzene			20.0	18.8		ug/Kg		94	80 - 120	1	30
Bromoform			20.0	16.4		ug/Kg		82	66 - 127	1	30
Bromomethane			20.0	18.6		ug/Kg		93	60 - 126	7	30
2-Butanone (MEK)			250	219		ug/Kg		88	62 - 132	3	30
Carbon disulfide			20.0	16.7		ug/Kg		83	56 - 125	2	30
Carbon tetrachloride			20.0	16.0		ug/Kg		80	70 - 120	1	30
Chlorobenzene			20.0	17.0		ug/Kg		85	74 - 120	0	30
Chlorobromomethane			20.0	18.0		ug/Kg		90	79 - 124	0	30
Chlorodibromomethane			20.0	17.1		ug/Kg		85	77 - 125	3	30
Chloroethane			20.0	19.4		ug/Kg		97	55 - 127	6	30
Chloroform			20.0	18.2		ug/Kg		91	73 - 120	0	30
Chloromethane			20.0	18.3		ug/Kg		91	50 - 120	5	30
cis-1,2-Dichloroethene			20.0	18.8		ug/Kg		94	80 - 125	2	30
cis-1,3-Dichloropropene			20.0	18.4		ug/Kg		92	73 - 120	0	30
Cyclohexane			20.0	17.8		ug/Kg		89	58 - 120	2	30
1,2-Dibromo-3-Chloropropane			20.0	15.5		ug/Kg		77	61 - 120	3	30
1,2-Dibromoethane			20.0	18.0		ug/Kg		90	76 - 120	2	30
1,2-Dichlorobenzene			20.0	17.3		ug/Kg		87	74 - 120	1	30
1,3-Dichlorobenzene			20.0	16.3		ug/Kg		82	75 - 120	0	30
1,4-Dichlorobenzene			20.0	17.2		ug/Kg		86	76 - 122	0	30
Dichlorobromomethane			20.0	18.8		ug/Kg		94	77 - 120	0	30
Dichlorodifluoromethane			20.0	15.2		ug/Kg		76	44 - 120	3	30
1,1-Dichloroethane			20.0	18.5		ug/Kg		92	76 - 120	0	30
1,2-Dichloroethane			20.0	18.4		ug/Kg		92	72 - 124	2	30
1,1-Dichloroethene			20.0	19.8		ug/Kg		99	73 - 129	1	30
1,2-Dichloroethene, Total			40.0	36.9		ug/Kg		92	74 - 120	1	30
1,2-Dichloropropane			20.0	19.5		ug/Kg		97	70 - 124	0	30
1,4-Dioxane			500	499		ug/Kg		100	41 - 177	4	30
Ethylbenzene			20.0	17.3		ug/Kg		87	72 - 118	0	30
2-Hexanone			250	211		ug/Kg		84	64 - 140	2	30
Isopropylbenzene			20.0	17.0		ug/Kg		85	77 - 134	0	30
Methyl acetate			20.0	16.6		ug/Kg		83	59 - 137	5	30
Methylcyclohexane			20.0	18.0		ug/Kg		90	61 - 124	0	30
Methylene Chloride			20.0	19.1		ug/Kg		96	76 - 122	1	30
4-Methyl-2-pentanone (MIBK)			250	234		ug/Kg		93	67 - 138	3	30
Methyl tert-butyl ether			20.0	17.3		ug/Kg		86	63 - 120	0	30
m-Xylene & p-Xylene			40.0	33.6		ug/Kg		84	80 - 120	1	30
o-Xylene			20.0	16.9		ug/Kg		85	75 - 120	1	30
Styrene			20.0	17.3		ug/Kg		87	76 - 120	1	30
1,1,2,2-Tetrachloroethane			20.0	19.6		ug/Kg		98	69 - 125	1	30
Tetrachloroethene			20.0	15.1		ug/Kg		75	73 - 120	1	30
Toluene			20.0	17.2		ug/Kg		86	71 - 120	1	30
trans-1,2-Dichloroethene			20.0	18.1		ug/Kg		90	71 - 126	1	30
trans-1,3-Dichloropropene			20.0	17.8		ug/Kg		89	76 - 122	1	30
1,2,3-Trichlorobenzene			20.0	15.5		ug/Kg		78	64 - 123	2	30
1,2,4-Trichlorobenzene			20.0	15.8		ug/Kg		79	69 - 124	2	30
1,1,1-Trichloroethane			20.0	16.8		ug/Kg		84	69 - 123	0	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-782285/57
Matrix: Solid
Analysis Batch: 782285

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			20.0	19.3		ug/Kg		96	76 - 120	0	30
Trichloroethene			20.0	17.9		ug/Kg		89	72 - 120	1	30
Trichlorofluoromethane			20.0	13.5		ug/Kg		68	58 - 120	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	17.7		ug/Kg		89	53 - 126	4	30
Vinyl chloride			20.0	18.2		ug/Kg		91	52 - 120	5	30
Xylenes, Total			60.0	50.5		ug/Kg		84	75 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*50 - 131*
Dibromofluoromethane (Surr)	*96*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*99*		*54 - 135*
Toluene-d8 (Surr)	*94*		*52 - 141*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-510840/1-A
Matrix: Solid
Analysis Batch: 510866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Acenaphthylene	ND		67	15	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Acetophenone	ND		670	120	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Anthracene	ND		67	17	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Atrazine	ND		670	150	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Benzaldehyde	ND		670	41	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Benzo[a]anthracene	ND		67	30	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Benzo[a]pyrene	ND		67	29	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
1,1'-Biphenyl	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Bis(2-chloroethyl)ether	ND		67	21	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Butyl benzyl phthalate	ND		1700	230	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Caprolactam	ND		1700	220	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Carbazole	ND		67	16	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
4-Chloroaniline	ND		330	88	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2-Chloronaphthalene	ND		67	15	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2-Chlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Chrysene	ND		67	37	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Dibenzofuran	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		03/04/26 05:24	03/05/26 09:50	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-510840/1-A
Matrix: Solid
Analysis Batch: 510866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		67	26	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Diethyl phthalate	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Dimethyl phthalate	ND		670	370	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Di-n-butyl phthalate	ND		3300	690	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
1,4-Dioxane	ND		670	210	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Fluoranthene	ND		67	18	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Fluorene	ND		67	13	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Hexachlorobenzene	ND		67	24	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Hexachlorobutadiene	ND		67	20	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Hexachlorocyclopentadiene	ND		330	90	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Hexachloroethane	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Isophorone	ND		330	130	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2-Methylnaphthalene	ND		67	16	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2-Methylphenol	ND		330	96	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Naphthalene	ND		67	13	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2-Nitroaniline	ND		1700	150	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
3-Nitroaniline	ND		1700	85	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
4-Nitroaniline	ND		1700	120	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Nitrobenzene	ND		670	120	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2-Nitrophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
4-Nitrophenol	ND		1700	230	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Pentachlorophenol	ND		1700	540	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Phenanthrene	ND		67	18	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Phenol	ND		330	100	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
Pyrene	ND		67	24	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/05/26 09:50	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		03/04/26 05:24	03/05/26 09:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*44 - 105*	*03/04/26 05:24*	*03/05/26 09:50*	*1*
2-Fluorophenol (Surr)	*87*		*48 - 105*	*03/04/26 05:24*	*03/05/26 09:50*	*1*
Nitrobenzene-d5 (Surr)	*86*		*46 - 105*	*03/04/26 05:24*	*03/05/26 09:50*	*1*
Phenol-d5 (Surr)	*88*		*46 - 105*	*03/04/26 05:24*	*03/05/26 09:50*	*1*
Terphenyl-d14 (Surr)	*82*		*39 - 105*	*03/04/26 05:24*	*03/05/26 09:50*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*34 - 108*	*03/04/26 05:24*	*03/05/26 09:50*	*1*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510840/2-A
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510840

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	5000		ug/Kg		75	50 - 100
Acenaphthylene	6670	5110		ug/Kg		77	52 - 100
Acetophenone	6670	5240		ug/Kg		79	48 - 100
Anthracene	6670	5070		ug/Kg		76	53 - 100
Atrazine	6670	5550		ug/Kg		83	49 - 103
Benzaldehyde	6670	4820		ug/Kg		72	23 - 105
Benzo[a]anthracene	6670	5070		ug/Kg		76	51 - 100
Benzo[a]pyrene	6670	5290		ug/Kg		79	51 - 100
Benzo[b]fluoranthene	6670	5060		ug/Kg		76	48 - 100
Benzo[g,h,i]perylene	6670	5270		ug/Kg		79	48 - 105
Benzo[k]fluoranthene	6670	5210		ug/Kg		78	19 - 100
1,1'-Biphenyl	6670	5100		ug/Kg		77	50 - 100
Bis(2-chloroethoxy)methane	6670	5130		ug/Kg		77	49 - 100
Bis(2-chloroethyl)ether	6670	5240		ug/Kg		79	48 - 100
Bis(2-ethylhexyl) phthalate	6670	6070		ug/Kg		91	53 - 107
4-Bromophenyl phenyl ether	6670	5030		ug/Kg		76	52 - 101
Butyl benzyl phthalate	6670	6150		ug/Kg		92	52 - 107
Caprolactam	6670	5510		ug/Kg		83	48 - 111
Carbazole	6670	5200		ug/Kg		78	53 - 100
4-Chloroaniline	6670	5210		ug/Kg		78	47 - 100
4-Chloro-3-methylphenol	6670	5540		ug/Kg		83	49 - 106
2-Chloronaphthalene	6670	5100		ug/Kg		77	51 - 100
2-Chlorophenol	6670	5450		ug/Kg		82	51 - 100
4-Chlorophenyl phenyl ether	6670	5070		ug/Kg		76	52 - 100
Chrysene	6670	4930		ug/Kg		74	50 - 100
Dibenz(a,h)anthracene	6670	5840		ug/Kg		88	50 - 107
Dibenzofuran	6670	4990		ug/Kg		75	52 - 100
3,3'-Dichlorobenzidine	6670	5770		ug/Kg		87	43 - 100
2,4-Dichlorophenol	6670	5450		ug/Kg		82	53 - 101
Diethyl phthalate	6670	5340		ug/Kg		80	48 - 104
2,4-Dimethylphenol	6670	5560		ug/Kg		83	51 - 101
Dimethyl phthalate	6670	5190		ug/Kg		78	53 - 100
Di-n-butyl phthalate	6670	5660		ug/Kg		85	57 - 102
4,6-Dinitro-2-methylphenol	13300	10500		ug/Kg		78	51 - 100
2,4-Dinitrophenol	13300	10900		ug/Kg		81	33 - 101
2,4-Dinitrotoluene	6670	5670		ug/Kg		85	54 - 104
2,6-Dinitrotoluene	6670	5530		ug/Kg		83	51 - 106
Di-n-octyl phthalate	6670	5460		ug/Kg		82	41 - 106
1,4-Dioxane	6670	5280		ug/Kg		79	25 - 125
Fluoranthene	6670	5170		ug/Kg		78	55 - 100
Fluorene	6670	4990		ug/Kg		75	52 - 100
Hexachlorobenzene	6670	4910		ug/Kg		74	49 - 100
Hexachlorobutadiene	6670	5070		ug/Kg		76	38 - 107
Hexachlorocyclopentadiene	6670	5550		ug/Kg		83	33 - 117
Hexachloroethane	6670	5520		ug/Kg		83	47 - 100
Indeno[1,2,3-cd]pyrene	6670	5840		ug/Kg		88	51 - 103
Isophorone	6670	5480		ug/Kg		82	48 - 105
2-Methylnaphthalene	6670	5070		ug/Kg		76	53 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510840/2-A
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510840

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	6670	5340		ug/Kg		80	50 - 101
Methylphenol, 3 & 4	6670	5430		ug/Kg		81	50 - 103
Naphthalene	6670	5000		ug/Kg		75	51 - 100
2-Nitroaniline	6670	6300		ug/Kg		95	42 - 123
3-Nitroaniline	6670	5990		ug/Kg		90	50 - 103
4-Nitroaniline	6670	5840		ug/Kg		88	52 - 103
Nitrobenzene	6670	5700		ug/Kg		85	44 - 108
2-Nitrophenol	6670	5980		ug/Kg		90	55 - 107
4-Nitrophenol	13300	12300		ug/Kg		92	30 - 134
N-Nitrosodi-n-propylamine	6670	5570		ug/Kg		84	45 - 107
N-Nitrosodiphenylamine	6670	5140		ug/Kg		77	52 - 100
2,2'-oxybis[1-chloropropane]	6670	5470		ug/Kg		82	30 - 113
Pentachlorophenol	13300	10500		ug/Kg		79	42 - 110
Phenanthrene	6670	4850		ug/Kg		73	53 - 100
Phenol	6670	5540		ug/Kg		83	49 - 100
Pyrene	6670	4940		ug/Kg		74	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	5090		ug/Kg		76	41 - 104
2,3,4,6-Tetrachlorophenol	6670	5280		ug/Kg		79	47 - 104
2,4,5-Trichlorophenol	6670	5670		ug/Kg		85	50 - 104
2,4,6-Trichlorophenol	6670	5570		ug/Kg		84	50 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*77*		*44 - 105*
2-Fluorophenol (Surr)	*87*		*48 - 105*
Nitrobenzene-d5 (Surr)	*88*		*46 - 105*
Phenol-d5 (Surr)	*85*		*46 - 105*
Terphenyl-d14 (Surr)	*75*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*84*		*34 - 108*

Lab Sample ID: 180-202364-2 MS
Matrix: Solid
Analysis Batch: 510866

Client Sample ID: SSHS-IRM5A2-SCV142-0-0.17
Prep Type: Total/NA
Prep Batch: 510840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		8520	7130		ug/Kg	☼	84	50 - 100
Acenaphthylene	ND		8520	6900		ug/Kg	☼	81	52 - 100
Acetophenone	ND	F1	8520	7820		ug/Kg	☼	92	48 - 100
Anthracene	21	J	8520	7250		ug/Kg	☼	85	53 - 100
Atrazine	ND		8520	7520		ug/Kg	☼	88	49 - 103
Benzaldehyde	ND	F1	8520	665	J F1	ug/Kg	☼	8	23 - 105
Benzo[a]anthracene	66	J	8520	7740		ug/Kg	☼	90	51 - 100
Benzo[a]pyrene	61	J	8520	7290		ug/Kg	☼	85	51 - 100
Benzo[b]fluoranthene	88		8520	7630		ug/Kg	☼	89	48 - 100
Benzo[g,h,i]perylene	ND		8520	6650		ug/Kg	☼	78	48 - 105
Benzo[k]fluoranthene	44	J	8520	7420		ug/Kg	☼	87	19 - 100
1,1'-Biphenyl	ND		8520	7150		ug/Kg	☼	84	50 - 100
Bis(2-chloroethoxy)methane	ND		8520	7400		ug/Kg	☼	87	49 - 100
Bis(2-chloroethyl)ether	ND		8520	7690		ug/Kg	☼	90	48 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202364-2 MS
Client Sample ID: SSHS-IRM5A2-SCV142-0-0.17
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510866
Prep Batch: 510840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	ND		8520	8290		ug/Kg	☼	97	53 - 107
4-Bromophenyl phenyl ether	ND		8520	7110		ug/Kg	☼	84	52 - 101
Butyl benzyl phthalate	ND	F1	8520	8460		ug/Kg	☼	99	52 - 107
Caprolactam	ND	F1	8520	8710		ug/Kg	☼	102	48 - 111
Carbazole	ND	F1	8520	7860		ug/Kg	☼	92	53 - 100
4-Chloroaniline	ND		8520	6390		ug/Kg	☼	75	47 - 100
4-Chloro-3-methylphenol	ND		8520	7760		ug/Kg	☼	91	49 - 106
2-Chloronaphthalene	ND		8520	7070		ug/Kg	☼	83	51 - 100
2-Chlorophenol	ND		8520	7670		ug/Kg	☼	90	51 - 100
4-Chlorophenyl phenyl ether	ND		8520	7280		ug/Kg	☼	85	52 - 100
Chrysene	70	J	8520	7450		ug/Kg	☼	87	50 - 100
Dibenz(a,h)anthracene	ND		8520	7180		ug/Kg	☼	84	50 - 107
Dibenzofuran	ND		8520	7240		ug/Kg	☼	85	52 - 100
3,3'-Dichlorobenzidine	ND		8520	5250		ug/Kg	☼	62	43 - 100
2,4-Dichlorophenol	ND		8520	7490		ug/Kg	☼	88	53 - 101
Diethyl phthalate	ND		8520	7710		ug/Kg	☼	90	48 - 104
2,4-Dimethylphenol	ND		8520	7080		ug/Kg	☼	83	51 - 101
Dimethyl phthalate	ND		8520	7580		ug/Kg	☼	89	53 - 100
Di-n-butyl phthalate	ND		8520	7850		ug/Kg	☼	92	57 - 102
4,6-Dinitro-2-methylphenol	ND	F1	17000	15900		ug/Kg	☼	93	51 - 100
2,4-Dinitrophenol	ND		17000	12600		ug/Kg	☼	74	33 - 101
2,4-Dinitrotoluene	ND	F1	8520	8480		ug/Kg	☼	100	54 - 104
2,6-Dinitrotoluene	ND		8520	7520		ug/Kg	☼	88	51 - 106
Di-n-octyl phthalate	ND		8520	8040		ug/Kg	☼	94	41 - 106
1,4-Dioxane	ND	F2	8520	5350		ug/Kg	☼	63	25 - 125
Fluoranthene	170		8520	7740		ug/Kg	☼	89	55 - 100
Fluorene	ND		8520	7300		ug/Kg	☼	86	52 - 100
Hexachlorobenzene	ND		8520	7050		ug/Kg	☼	83	49 - 100
Hexachlorobutadiene	ND		8520	6900		ug/Kg	☼	81	38 - 107
Hexachlorocyclopentadiene	ND		8520	6020		ug/Kg	☼	71	33 - 117
Hexachloroethane	ND	F2	8520	7530		ug/Kg	☼	88	47 - 100
Indeno[1,2,3-cd]pyrene	ND		8520	7320		ug/Kg	☼	86	51 - 103
Isophorone	ND		8520	7890		ug/Kg	☼	93	48 - 105
2-Methylnaphthalene	ND		8520	7540		ug/Kg	☼	89	53 - 100
2-Methylphenol	ND		8520	7830		ug/Kg	☼	92	50 - 101
Methylphenol, 3 & 4	ND		8520	7860		ug/Kg	☼	92	50 - 103
Naphthalene	ND		8520	7170		ug/Kg	☼	84	51 - 100
2-Nitroaniline	ND		8520	8010		ug/Kg	☼	94	42 - 123
3-Nitroaniline	ND		8520	7130		ug/Kg	☼	84	50 - 103
4-Nitroaniline	ND		8520	7670		ug/Kg	☼	90	52 - 103
Nitrobenzene	ND		8520	7510		ug/Kg	☼	88	44 - 108
2-Nitrophenol	ND		8520	8170		ug/Kg	☼	96	55 - 107
4-Nitrophenol	ND		17000	16300		ug/Kg	☼	96	30 - 134
N-Nitrosodi-n-propylamine	ND		8520	8060		ug/Kg	☼	95	45 - 107
N-Nitrosodiphenylamine	ND		8520	7220		ug/Kg	☼	85	52 - 100
2,2'-oxybis[1-chloropropane]	ND		8520	7920		ug/Kg	☼	93	30 - 113
Pentachlorophenol	ND		17000	13800		ug/Kg	☼	81	42 - 110
Phenanthrene	100		8520	7450		ug/Kg	☼	86	53 - 100
Phenol	ND	F1	8520	7870		ug/Kg	☼	92	49 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202364-2 MS
Matrix: Solid
Analysis Batch: 510866

Client Sample ID: SSHS-IRM5A2-SCV142-0-0.17
Prep Type: Total/NA
Prep Batch: 510840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Pyrene	120		8520	7870		ug/Kg	☼	91	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		8520	6790		ug/Kg	☼	80	41 - 104
2,3,4,6-Tetrachlorophenol	ND		8520	7780		ug/Kg	☼	91	47 - 104
2,4,5-Trichlorophenol	ND		8520	7370		ug/Kg	☼	87	50 - 104
2,4,6-Trichlorophenol	ND		8520	7610		ug/Kg	☼	89	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*86*		*44 - 105*
2-Fluorophenol (Surr)	*95*		*48 - 105*
Nitrobenzene-d5 (Surr)	*92*		*46 - 105*
Phenol-d5 (Surr)	*101*		*46 - 105*
Terphenyl-d14 (Surr)	*96*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*95*		*34 - 108*

Lab Sample ID: 180-202364-2 MSD
Matrix: Solid
Analysis Batch: 510866

Client Sample ID: SSHS-IRM5A2-SCV142-0-0.17
Prep Type: Total/NA
Prep Batch: 510840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		7740	6430		ug/Kg	☼	83	50 - 100	10	20
Acenaphthylene	ND		7740	6110		ug/Kg	☼	79	52 - 100	12	20
Acetophenone	ND	F1	7740	6680		ug/Kg	☼	86	48 - 100	16	17
Anthracene	21	J	7740	6390		ug/Kg	☼	82	53 - 100	13	20
Atrazine	ND		7740	6590		ug/Kg	☼	85	49 - 103	13	19
Benzaldehyde	ND	F1	7740	631	J F1	ug/Kg	☼	8	23 - 105	5	31
Benzo[a]anthracene	66	J	7740	7180		ug/Kg	☼	92	51 - 100	7	21
Benzo[a]pyrene	61	J	7740	6590		ug/Kg	☼	84	51 - 100	10	20
Benzo[b]fluoranthene	88		7740	7550		ug/Kg	☼	96	48 - 100	1	20
Benzo[g,h,i]perylene	ND		7740	5770		ug/Kg	☼	74	48 - 105	14	19
Benzo[k]fluoranthene	44	J	7740	6160		ug/Kg	☼	79	19 - 100	19	20
1,1'-Biphenyl	ND		7740	6390		ug/Kg	☼	82	50 - 100	11	19
Bis(2-chloroethoxy)methane	ND		7740	6690		ug/Kg	☼	86	49 - 100	10	20
Bis(2-chloroethyl)ether	ND		7740	6540		ug/Kg	☼	85	48 - 100	16	18
Bis(2-ethylhexyl) phthalate	ND		7740	7300		ug/Kg	☼	94	53 - 107	13	20
4-Bromophenyl phenyl ether	ND		7740	6260		ug/Kg	☼	81	52 - 101	13	20
Butyl benzyl phthalate	ND	F1	7740	7520		ug/Kg	☼	97	52 - 107	12	19
Caprolactam	ND	F1	7740	8100		ug/Kg	☼	105	48 - 111	7	23
Carbazole	ND	F1	7740	6930		ug/Kg	☼	90	53 - 100	13	20
4-Chloroaniline	ND		7740	5870		ug/Kg	☼	76	47 - 100	8	20
4-Chloro-3-methylphenol	ND		7740	7390		ug/Kg	☼	96	49 - 106	5	20
2-Chloronaphthalene	ND		7740	6210		ug/Kg	☼	80	51 - 100	13	20
2-Chlorophenol	ND		7740	6730		ug/Kg	☼	87	51 - 100	13	17
4-Chlorophenyl phenyl ether	ND		7740	6510		ug/Kg	☼	84	52 - 100	11	19
Chrysene	70	J	7740	6520		ug/Kg	☼	83	50 - 100	13	20
Dibenz(a,h)anthracene	ND		7740	6210		ug/Kg	☼	80	50 - 107	15	21
Dibenzofuran	ND		7740	6500		ug/Kg	☼	84	52 - 100	11	19
3,3'-Dichlorobenzidine	ND		7740	4560		ug/Kg	☼	59	43 - 100	14	19
2,4-Dichlorophenol	ND		7740	6800		ug/Kg	☼	88	53 - 101	10	22

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202364-2 MSD
Matrix: Solid
Analysis Batch: 510866

Client Sample ID: SSHS-IRM5A2-SCV142-0-0.17
Prep Type: Total/NA
Prep Batch: 510840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	ND		7740	7000		ug/Kg	☼	90	48 - 104	10	20
2,4-Dimethylphenol	ND		7740	6310		ug/Kg	☼	81	51 - 101	12	32
Dimethyl phthalate	ND		7740	6860		ug/Kg	☼	89	53 - 100	10	21
Di-n-butyl phthalate	ND		7740	6600		ug/Kg	☼	85	57 - 102	17	20
4,6-Dinitro-2-methylphenol	ND	F1	15500	13700		ug/Kg	☼	88	51 - 100	15	22
2,4-Dinitrophenol	ND		15500	11700		ug/Kg	☼	75	33 - 101	7	20
2,4-Dinitrotoluene	ND	F1	7740	7900		ug/Kg	☼	102	54 - 104	7	20
2,6-Dinitrotoluene	ND		7740	6730		ug/Kg	☼	87	51 - 106	11	20
Di-n-octyl phthalate	ND		7740	7310		ug/Kg	☼	94	41 - 106	10	18
1,4-Dioxane	ND	F2	7740	4480	F2	ug/Kg	☼	58	25 - 125	18	17
Fluoranthene	170		7740	6880		ug/Kg	☼	87	55 - 100	12	20
Fluorene	ND		7740	6620		ug/Kg	☼	85	52 - 100	10	19
Hexachlorobenzene	ND		7740	6170		ug/Kg	☼	80	49 - 100	13	20
Hexachlorobutadiene	ND		7740	6160		ug/Kg	☼	80	38 - 107	11	22
Hexachlorocyclopentadiene	ND		7740	5130		ug/Kg	☼	66	33 - 117	16	19
Hexachloroethane	ND	F2	7740	6310	F2	ug/Kg	☼	81	47 - 100	18	17
Indeno[1,2,3-cd]pyrene	ND		7740	6300		ug/Kg	☼	81	51 - 103	15	19
Isophorone	ND		7740	7060		ug/Kg	☼	91	48 - 105	11	20
2-Methylnaphthalene	ND		7740	6730		ug/Kg	☼	87	53 - 100	11	21
2-Methylphenol	ND		7740	6800		ug/Kg	☼	88	50 - 101	14	17
Methylphenol, 3 & 4	ND		7740	6790		ug/Kg	☼	88	50 - 103	15	19
Naphthalene	ND		7740	6380		ug/Kg	☼	82	51 - 100	12	20
2-Nitroaniline	ND		7740	7330		ug/Kg	☼	95	42 - 123	9	19
3-Nitroaniline	ND		7740	6660		ug/Kg	☼	86	50 - 103	7	20
4-Nitroaniline	ND		7740	7320		ug/Kg	☼	95	52 - 103	5	18
Nitrobenzene	ND		7740	6750		ug/Kg	☼	87	44 - 108	11	21
2-Nitrophenol	ND		7740	7160		ug/Kg	☼	92	55 - 107	13	19
4-Nitrophenol	ND		15500	15100		ug/Kg	☼	97	30 - 134	8	18
N-Nitrosodi-n-propylamine	ND		7740	7040		ug/Kg	☼	91	45 - 107	14	18
N-Nitrosodiphenylamine	ND		7740	6270		ug/Kg	☼	81	52 - 100	14	20
2,2'-oxybis[1-chloropropane]	ND		7740	6840		ug/Kg	☼	88	30 - 113	15	17
Pentachlorophenol	ND		15500	12500		ug/Kg	☼	81	42 - 110	10	20
Phenanthrene	100		7740	6530		ug/Kg	☼	83	53 - 100	13	20
Phenol	ND	F1	7740	6710		ug/Kg	☼	87	49 - 100	16	16
Pyrene	120		7740	7110		ug/Kg	☼	90	52 - 100	10	20
1,2,4,5-Tetrachlorobenzene	ND		7740	5920		ug/Kg	☼	76	41 - 104	14	21
2,3,4,6-Tetrachlorophenol	ND		7740	7070		ug/Kg	☼	91	47 - 104	10	18
2,4,5-Trichlorophenol	ND		7740	6510		ug/Kg	☼	84	50 - 104	12	21
2,4,6-Trichlorophenol	ND		7740	6840		ug/Kg	☼	88	50 - 105	11	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*83*		*44 - 105*
2-Fluorophenol (Surr)	*90*		*48 - 105*
Nitrobenzene-d5 (Surr)	*91*		*46 - 105*
Phenol-d5 (Surr)	*94*		*46 - 105*
Terphenyl-d14 (Surr)	*93*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*88*		*34 - 108*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202364-15 MS
Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510866
Prep Batch: 510840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		7800	6560		ug/Kg	☼	84	50 - 100
Acenaphthylene	ND		7800	6280		ug/Kg	☼	81	52 - 100
Acetophenone	ND		7800	6980		ug/Kg	☼	90	48 - 100
Anthracene	ND		7800	6560		ug/Kg	☼	84	53 - 100
Atrazine	ND		7800	6800		ug/Kg	☼	87	49 - 103
Benzaldehyde	ND	F1	7800	822	F1	ug/Kg	☼	11	23 - 105
Benzo[a]anthracene	85		7800	7120		ug/Kg	☼	90	51 - 100
Benzo[a]pyrene	87		7800	6890		ug/Kg	☼	87	51 - 100
Benzo[b]fluoranthene	120		7800	7090		ug/Kg	☼	89	48 - 100
Benzo[g,h,i]perylene	70	J	7800	6940		ug/Kg	☼	88	48 - 105
Benzo[k]fluoranthene	61	J	7800	6620		ug/Kg	☼	84	19 - 100
1,1'-Biphenyl	ND		7800	6660		ug/Kg	☼	85	50 - 100
Bis(2-chloroethoxy)methane	ND		7800	6860		ug/Kg	☼	88	49 - 100
Bis(2-chloroethyl)ether	ND		7800	6870		ug/Kg	☼	88	48 - 100
Bis(2-ethylhexyl) phthalate	ND		7800	7900		ug/Kg	☼	101	53 - 107
4-Bromophenyl phenyl ether	ND		7800	6630		ug/Kg	☼	85	52 - 101
Butyl benzyl phthalate	ND		7800	8060		ug/Kg	☼	103	52 - 107
Caprolactam	ND		7800	7610		ug/Kg	☼	98	48 - 111
Carbazole	ND		7800	7130		ug/Kg	☼	91	53 - 100
4-Chloroaniline	ND		7800	5100		ug/Kg	☼	65	47 - 100
4-Chloro-3-methylphenol	ND		7800	7230		ug/Kg	☼	93	49 - 106
2-Chloronaphthalene	ND		7800	6560		ug/Kg	☼	84	51 - 100
2-Chlorophenol	ND		7800	7020		ug/Kg	☼	90	51 - 100
4-Chlorophenyl phenyl ether	ND		7800	6820		ug/Kg	☼	88	52 - 100
Chrysene	94		7800	6760		ug/Kg	☼	86	50 - 100
Dibenz(a,h)anthracene	ND		7800	7170		ug/Kg	☼	92	50 - 107
Dibenzofuran	ND		7800	6570		ug/Kg	☼	84	52 - 100
3,3'-Dichlorobenzidine	ND		7800	4830		ug/Kg	☼	62	43 - 100
2,4-Dichlorophenol	ND		7800	6910		ug/Kg	☼	89	53 - 101
Diethyl phthalate	ND		7800	7170		ug/Kg	☼	92	48 - 104
2,4-Dimethylphenol	ND		7800	6230		ug/Kg	☼	80	51 - 101
Dimethyl phthalate	ND		7800	7000		ug/Kg	☼	90	53 - 100
Di-n-butyl phthalate	ND		7800	7190		ug/Kg	☼	92	57 - 102
4,6-Dinitro-2-methylphenol	ND		15600	13200		ug/Kg	☼	84	51 - 100
2,4-Dinitrophenol	ND		15600	9320		ug/Kg	☼	60	33 - 101
2,4-Dinitrotoluene	ND		7800	7920		ug/Kg	☼	102	54 - 104
2,6-Dinitrotoluene	ND		7800	6720		ug/Kg	☼	86	51 - 106
Di-n-octyl phthalate	ND		7800	7550		ug/Kg	☼	97	41 - 106
1,4-Dioxane	ND	F2	7800	4940		ug/Kg	☼	63	25 - 125
Fluoranthene	170		7800	6940		ug/Kg	☼	87	55 - 100
Fluorene	ND		7800	6710		ug/Kg	☼	86	52 - 100
Hexachlorobenzene	ND		7800	6380		ug/Kg	☼	82	49 - 100
Hexachlorobutadiene	ND		7800	6490		ug/Kg	☼	83	38 - 107
Hexachlorocyclopentadiene	ND		7800	4720		ug/Kg	☼	61	33 - 117
Hexachloroethane	ND		7800	6650		ug/Kg	☼	85	47 - 100
Indeno[1,2,3-cd]pyrene	63	J	7800	7370		ug/Kg	☼	94	51 - 103
Isophorone	ND		7800	7080		ug/Kg	☼	91	48 - 105
2-Methylnaphthalene	ND		7800	6690		ug/Kg	☼	86	53 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202364-15 MS
Matrix: Solid
Analysis Batch: 510866

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 510840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	ND		7800	7060		ug/Kg	☼	91	50 - 101
Methylphenol, 3 & 4	ND		7800	6990		ug/Kg	☼	90	50 - 103
Naphthalene	ND		7800	6540		ug/Kg	☼	84	51 - 100
2-Nitroaniline	ND		7800	7500		ug/Kg	☼	96	42 - 123
3-Nitroaniline	ND		7800	6270		ug/Kg	☼	80	50 - 103
4-Nitroaniline	ND		7800	7120		ug/Kg	☼	91	52 - 103
Nitrobenzene	ND		7800	6870		ug/Kg	☼	88	44 - 108
2-Nitrophenol	ND		7800	7160		ug/Kg	☼	92	55 - 107
4-Nitrophenol	ND		15600	15000		ug/Kg	☼	96	30 - 134
N-Nitrosodi-n-propylamine	ND		7800	7270		ug/Kg	☼	93	45 - 107
N-Nitrosodiphenylamine	ND		7800	6490		ug/Kg	☼	83	52 - 100
2,2'-oxybis[1-chloropropane]	ND		7800	7110		ug/Kg	☼	91	30 - 113
Pentachlorophenol	ND		15600	12100		ug/Kg	☼	78	42 - 110
Phenanthrene	65	J	7800	6850		ug/Kg	☼	87	53 - 100
Phenol	ND		7800	6660		ug/Kg	☼	85	49 - 100
Pyrene	150		7800	7630		ug/Kg	☼	96	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		7800	6140		ug/Kg	☼	79	41 - 104
2,3,4,6-Tetrachlorophenol	ND		7800	7130		ug/Kg	☼	91	47 - 104
2,4,5-Trichlorophenol	ND		7800	6770		ug/Kg	☼	87	50 - 104
2,4,6-Trichlorophenol	ND		7800	6910		ug/Kg	☼	89	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*85*		*44 - 105*
2-Fluorophenol (Surr)	*93*		*48 - 105*
Nitrobenzene-d5 (Surr)	*92*		*46 - 105*
Phenol-d5 (Surr)	*97*		*46 - 105*
Terphenyl-d14 (Surr)	*98*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*89*		*34 - 108*

Lab Sample ID: 180-202364-15 MSD
Matrix: Solid
Analysis Batch: 510866

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 510840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		7900	6170		ug/Kg	☼	78	50 - 100	6	20
Acenaphthylene	ND		7900	6020		ug/Kg	☼	76	52 - 100	4	20
Acetophenone	ND		7900	6400		ug/Kg	☼	81	48 - 100	9	17
Anthracene	ND		7900	6140		ug/Kg	☼	78	53 - 100	7	20
Atrazine	ND		7900	6510		ug/Kg	☼	82	49 - 103	4	19
Benzaldehyde	ND	F1	7900	658	J F1	ug/Kg	☼	8	23 - 105	22	31
Benzo[a]anthracene	85		7900	6750		ug/Kg	☼	84	51 - 100	5	21
Benzo[a]pyrene	87		7900	6390		ug/Kg	☼	80	51 - 100	8	20
Benzo[b]fluoranthene	120		7900	6530		ug/Kg	☼	81	48 - 100	8	20
Benzo[g,h,i]perylene	70	J	7900	6920		ug/Kg	☼	87	48 - 105	0	19
Benzo[k]fluoranthene	61	J	7900	6350		ug/Kg	☼	80	19 - 100	4	20
1,1'-Biphenyl	ND		7900	6250		ug/Kg	☼	79	50 - 100	6	19
Bis(2-chloroethoxy)methane	ND		7900	6410		ug/Kg	☼	81	49 - 100	7	20
Bis(2-chloroethyl)ether	ND		7900	6300		ug/Kg	☼	80	48 - 100	9	18

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202364-15 MSD
Matrix: Solid
Analysis Batch: 510866

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 510840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-ethylhexyl) phthalate	ND		7900	7500		ug/Kg	☼	95	53 - 107	5	20
4-Bromophenyl phenyl ether	ND		7900	6130		ug/Kg	☼	78	52 - 101	8	20
Butyl benzyl phthalate	ND		7900	7880		ug/Kg	☼	100	52 - 107	2	19
Caprolactam	ND		7900	7420		ug/Kg	☼	94	48 - 111	3	23
Carbazole	ND		7900	6470		ug/Kg	☼	82	53 - 100	10	20
4-Chloroaniline	ND		7900	5540		ug/Kg	☼	70	47 - 100	8	20
4-Chloro-3-methylphenol	ND		7900	6730		ug/Kg	☼	85	49 - 106	7	20
2-Chloronaphthalene	ND		7900	6120		ug/Kg	☼	77	51 - 100	7	20
2-Chlorophenol	ND		7900	6280		ug/Kg	☼	79	51 - 100	11	17
4-Chlorophenyl phenyl ether	ND		7900	6450		ug/Kg	☼	82	52 - 100	6	19
Chrysene	94		7900	6520		ug/Kg	☼	81	50 - 100	4	20
Dibenz(a,h)anthracene	ND		7900	6790		ug/Kg	☼	86	50 - 107	5	21
Dibenzofuran	ND		7900	6240		ug/Kg	☼	79	52 - 100	5	19
3,3'-Dichlorobenzidine	ND		7900	5270		ug/Kg	☼	67	43 - 100	9	19
2,4-Dichlorophenol	ND		7900	6500		ug/Kg	☼	82	53 - 101	6	22
Diethyl phthalate	ND		7900	6690		ug/Kg	☼	85	48 - 104	7	20
2,4-Dimethylphenol	ND		7900	5860		ug/Kg	☼	74	51 - 101	6	32
Dimethyl phthalate	ND		7900	6620		ug/Kg	☼	84	53 - 100	6	21
Di-n-butyl phthalate	ND		7900	6420		ug/Kg	☼	81	57 - 102	11	20
4,6-Dinitro-2-methylphenol	ND		15800	12600		ug/Kg	☼	80	51 - 100	5	22
2,4-Dinitrophenol	ND		15800	9810		ug/Kg	☼	62	33 - 101	5	20
2,4-Dinitrotoluene	ND		7900	7300		ug/Kg	☼	92	54 - 104	8	20
2,6-Dinitrotoluene	ND		7900	6520		ug/Kg	☼	83	51 - 106	3	20
Di-n-octyl phthalate	ND		7900	7030		ug/Kg	☼	89	41 - 106	7	18
1,4-Dioxane	ND	F2	7900	3890	F2	ug/Kg	☼	49	25 - 125	24	17
Fluoranthene	170		7900	6330		ug/Kg	☼	78	55 - 100	9	20
Fluorene	ND		7900	6320		ug/Kg	☼	80	52 - 100	6	19
Hexachlorobenzene	ND		7900	5920		ug/Kg	☼	75	49 - 100	7	20
Hexachlorobutadiene	ND		7900	5790		ug/Kg	☼	73	38 - 107	12	22
Hexachlorocyclopentadiene	ND		7900	4270		ug/Kg	☼	54	33 - 117	10	19
Hexachloroethane	ND		7900	5810		ug/Kg	☼	74	47 - 100	14	17
Indeno[1,2,3-cd]pyrene	63	J	7900	7040		ug/Kg	☼	88	51 - 103	5	19
Isophorone	ND		7900	6590		ug/Kg	☼	83	48 - 105	7	20
2-Methylnaphthalene	ND		7900	6330		ug/Kg	☼	80	53 - 100	5	21
2-Methylphenol	ND		7900	6540		ug/Kg	☼	83	50 - 101	8	17
Methylphenol, 3 & 4	ND		7900	6360		ug/Kg	☼	80	50 - 103	10	19
Naphthalene	ND		7900	6030		ug/Kg	☼	76	51 - 100	8	20
2-Nitroaniline	ND		7900	7000		ug/Kg	☼	89	42 - 123	7	19
3-Nitroaniline	ND		7900	6590		ug/Kg	☼	83	50 - 103	5	20
4-Nitroaniline	ND		7900	6990		ug/Kg	☼	88	52 - 103	2	18
Nitrobenzene	ND		7900	6190		ug/Kg	☼	78	44 - 108	10	21
2-Nitrophenol	ND		7900	6670		ug/Kg	☼	84	55 - 107	7	19
4-Nitrophenol	ND		15800	14100		ug/Kg	☼	89	30 - 134	6	18
N-Nitrosodi-n-propylamine	ND		7900	6720		ug/Kg	☼	85	45 - 107	8	18
N-Nitrosodiphenylamine	ND		7900	6030		ug/Kg	☼	76	52 - 100	7	20
2,2'-oxybis[1-chloropropane]	ND		7900	6430		ug/Kg	☼	81	30 - 113	10	17
Pentachlorophenol	ND		15800	11300		ug/Kg	☼	72	42 - 110	7	20
Phenanthrene	65	J	7900	6300		ug/Kg	☼	79	53 - 100	8	20
Phenol	ND		7900	5980		ug/Kg	☼	76	49 - 100	11	16

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202364-15 MSD
Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510866
Prep Batch: 510840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene	150		7900	7410		ug/Kg	☼	92	52 - 100	3	20
1,2,4,5-Tetrachlorobenzene	ND		7900	5750		ug/Kg	☼	73	41 - 104	6	21
2,3,4,6-Tetrachlorophenol	ND		7900	6840		ug/Kg	☼	87	47 - 104	4	18
2,4,5-Trichlorophenol	ND		7900	6310		ug/Kg	☼	80	50 - 104	7	21
2,4,6-Trichlorophenol	ND		7900	6590		ug/Kg	☼	83	50 - 105	5	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*76*		*44 - 105*
2-Fluorophenol (Surr)	*82*		*48 - 105*
Nitrobenzene-d5 (Surr)	*82*		*46 - 105*
Phenol-d5 (Surr)	*88*		*46 - 105*
Terphenyl-d14 (Surr)	*94*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*83*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-510838/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510855
Prep Batch: 510838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		02/27/26 12:16	03/05/26 18:34	1
PCB-1221	ND		17	5.9	ug/Kg		02/27/26 12:16	03/05/26 18:34	1
PCB-1232	ND		17	4.1	ug/Kg		02/27/26 12:16	03/05/26 18:34	1
PCB-1242	ND		17	2.4	ug/Kg		02/27/26 12:16	03/05/26 18:34	1
PCB-1248	ND		17	4.0	ug/Kg		02/27/26 12:16	03/05/26 18:34	1
PCB-1254	ND		17	5.0	ug/Kg		02/27/26 12:16	03/05/26 18:34	1
PCB-1260	ND		17	4.7	ug/Kg		02/27/26 12:16	03/05/26 18:34	1
PCB-1262	ND		17	5.9	ug/Kg		02/27/26 12:16	03/05/26 18:34	1
PCB-1268	ND		17	2.2	ug/Kg		02/27/26 12:16	03/05/26 18:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*26 - 142*	*02/27/26 12:16*	*03/05/26 18:34*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*26 - 142*	*02/27/26 12:16*	*03/05/26 18:34*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*02/27/26 12:16*	*03/05/26 18:34*	*1*
Tetrachloro-m-xylene (Surr)	*98*		*17 - 144*	*02/27/26 12:16*	*03/05/26 18:34*	*1*

Lab Sample ID: LCS 180-510838/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510855
Prep Batch: 510838

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1220		ug/Kg		92	53 - 115		
PCB-1260			1330	979		ug/Kg		73	45 - 108		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*81*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*79*		*26 - 142*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 180-510838/2-A
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510838

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*101*		*17 - 144*

Lab Sample ID: 180-202364-2 MS
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: SSHS-IRM5A2-SCV142-0-0.17
Prep Type: Total/NA
Prep Batch: 510838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1550	1370		ug/Kg	☼	88	53 - 115		
PCB-1260	ND		1550	1150		ug/Kg	☼	74	45 - 108		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*77*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*

Lab Sample ID: 180-202364-2 MSD
Matrix: Solid
Analysis Batch: 510855

Client Sample ID: SSHS-IRM5A2-SCV142-0-0.17
Prep Type: Total/NA
Prep Batch: 510838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1550	1320		ug/Kg	☼	85	53 - 115	3	25
PCB-1260	ND		1550	1100		ug/Kg	☼	71	45 - 108	5	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*68*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*73*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*

Lab Sample ID: MB 180-510868/1-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		02/27/26 12:16	03/09/26 07:14	1
PCB-1221	ND		17	5.9	ug/Kg		02/27/26 12:16	03/09/26 07:14	1
PCB-1232	ND		17	4.1	ug/Kg		02/27/26 12:16	03/09/26 07:14	1
PCB-1242	ND		17	2.4	ug/Kg		02/27/26 12:16	03/09/26 07:14	1
PCB-1248	ND		17	4.0	ug/Kg		02/27/26 12:16	03/09/26 07:14	1
PCB-1254	ND		17	5.0	ug/Kg		02/27/26 12:16	03/09/26 07:14	1
PCB-1260	ND		17	4.7	ug/Kg		02/27/26 12:16	03/09/26 07:14	1
PCB-1262	ND		17	5.9	ug/Kg		02/27/26 12:16	03/09/26 07:14	1
PCB-1268	ND		17	2.2	ug/Kg		02/27/26 12:16	03/09/26 07:14	1

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 180-510868/1-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510868

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	102		26 - 142	02/27/26 12:16	03/09/26 07:14	1
DCB Decachlorobiphenyl (Surr)	92		26 - 142	02/27/26 12:16	03/09/26 07:14	1
Tetrachloro-m-xylene (Surr)	106		17 - 144	02/27/26 12:16	03/09/26 07:14	1
Tetrachloro-m-xylene (Surr)	103		17 - 144	02/27/26 12:16	03/09/26 07:14	1

Lab Sample ID: LCS 180-510868/2-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510868

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1140		ug/Kg		86	53 - 115		
PCB-1260			1330	1110		ug/Kg		83	45 - 108		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	92		26 - 142
DCB Decachlorobiphenyl (Surr)	83		26 - 142
Tetrachloro-m-xylene (Surr)	104		17 - 144
Tetrachloro-m-xylene (Surr)	101		17 - 144

Lab Sample ID: 180-202364-15 MS
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 510868

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1540	1340		ug/Kg	☼	87	53 - 115		
PCB-1260	ND		1540	1250		ug/Kg	☼	81	45 - 108		

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	85		26 - 142
DCB Decachlorobiphenyl (Surr)	81		26 - 142
Tetrachloro-m-xylene (Surr)	104		17 - 144
Tetrachloro-m-xylene (Surr)	102		17 - 144

Lab Sample ID: 180-202364-15 MSD
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 510868

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1540	1200		ug/Kg	☼	78	53 - 115	11	25
PCB-1260	ND		1540	1130		ug/Kg	☼	73	45 - 108	11	23

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	80		26 - 142
DCB Decachlorobiphenyl (Surr)	73		26 - 142
Tetrachloro-m-xylene (Surr)	92		17 - 144
Tetrachloro-m-xylene (Surr)	89		17 - 144

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-778771/1-A
Matrix: Solid
Analysis Batch: 778666

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.38	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorooctanoic acid (PFOA)	ND		0.19	0.057	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.057	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.38	0.19	ng/g		03/06/26 09:54	03/06/26 16:07	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.38	0.19	ng/g		03/06/26 09:54	03/06/26 16:07	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.38	0.19	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	ng/g		03/06/26 09:54	03/06/26 16:07	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	ng/g		03/06/26 09:54	03/06/26 16:07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-778771/1-A
Matrix: Solid
Analysis Batch: 778666

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.38	0.19	ng/g		03/06/26 09:54	03/06/26 16:07	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g		03/06/26 09:54	03/06/26 16:07	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	ng/g		03/06/26 09:54	03/06/26 16:07	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096	ng/g		03/06/26 09:54	03/06/26 16:07	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*102*		*8 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C5-PFPeA	*79.4*		*35 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C5-PFHxA	*97.6*		*40 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C4-PFHpA	*101*		*40 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C8-PFOA	*96.3*		*40 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C9-PFNA	*92.7*		*40 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C6-PFDA	*99.3*		*40 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C7-PFUnA	*95.2*		*40 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C2 PFDoA	*97.0*		*40 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C2-PFTeDA	*77.4*		*20 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C3-PFBS	*88.6*		*40 - 135*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C3-PFHxS	*95.4*		*40 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C8-PFOS	*92.7*		*40 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C8-PFOSA	*90.5*		*40 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
d3-NMeFOSAA	*87.0*		*40 - 135*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
d5-NEtFOSAA	*89.7*		*40 - 150*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C2 4:2 FTS	*101*		*40 - 165*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C2 6:2 FTS	*89.5*		*40 - 215*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C2 8:2 FTS	*93.1*		*40 - 275*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
13C3-HFPO-DA	*88.9*		*40 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
D7-NMeFOSE	*59.6*		*20 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
D9-NEtFOSE	*54.3*		*15 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
d5-NEtPFOSA	*63.6*		*10 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*
d3-NMePFOSA	*67.6*		*10 - 130*	*03/06/26 09:54*	*03/06/26 16:07*	*1*

Lab Sample ID: LCS 410-778771/2-A
Matrix: Solid
Analysis Batch: 778666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778771

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.83	4.62		ng/g		96	70 - 140
Perfluoropentanoic acid (PFPeA)	2.42	2.42		ng/g		100	60 - 150
Perfluorohexanoic acid (PFHxA)	2.42	2.23		ng/g		92	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.42	2.30		ng/g		95	65 - 145
Perfluorooctanoic acid (PFOA)	2.42	2.39		ng/g		99	70 - 150
Perfluorononanoic acid (PFNA)	2.42	2.13		ng/g		88	70 - 155
Perfluorodecanoic acid (PFDA)	2.42	2.19		ng/g		91	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-778771/2-A
Matrix: Solid
Analysis Batch: 778666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778771

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.42	2.29		ng/g		95	70 - 155
Perfluorododecanoic acid (PFDoA)	2.42	2.25		ng/g		93	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.42	2.63		ng/g		109	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.42	2.46		ng/g		102	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.14	2.13		ng/g		99	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.27	2.09		ng/g		92	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.20	1.98		ng/g		90	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.30	2.07		ng/g		90	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.25	2.00		ng/g		89	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.32	2.01		ng/g		86	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	2.34	1.33		ng/g		57	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.53	4.04		ng/g		89	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.60	4.23		ng/g		92	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.64	4.14		ng/g		89	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.42	2.24		ng/g		93	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.42	2.39		ng/g		99	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.42	2.46		ng/g		102	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.42	2.20		ng/g		91	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.42	2.35		ng/g		97	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.1	12.0		ng/g		100	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.1	11.4		ng/g		94	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.81	1.79		ng/g		99	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.29	2.40		ng/g		105	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.42	2.31		ng/g		96	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.42	2.83		ng/g		117	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.42	2.34		ng/g		97	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.26	2.00		ng/g		89	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-778771/2-A
Matrix: Solid
Analysis Batch: 778666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778771

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.28	1.74		ng/g		76	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.15	2.31		ng/g		107	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.83	5.57		ng/g		115	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.1	10.7		ng/g		88	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.1	11.7		ng/g		97	60 - 150
Perfluorodecanesulfonic acid (PFDS)	2.33	1.82		ng/g		78	40 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4-PFBA	*91.5*		*8 - 130*
13C5-PFPeA	*82.0*		*35 - 130*
13C5-PFHxA	*92.5*		*40 - 130*
13C4-PFHpA	*98.6*		*40 - 130*
13C8-PFOA	*86.1*		*40 - 130*
13C9-PFNA	*81.2*		*40 - 130*
13C6-PFDA	*93.0*		*40 - 130*
13C7-PFUnA	*91.5*		*40 - 130*
13C2 PFDoA	*91.8*		*40 - 130*
13C2-PFTeDA	*71.9*		*20 - 130*
13C3-PFBS	*83.6*		*40 - 135*
13C3-PFHxS	*88.5*		*40 - 130*
13C8-PFOS	*93.3*		*40 - 130*
13C8-PFOSA	*85.7*		*40 - 130*
d3-NMeFOSAA	*81.8*		*40 - 135*
d5-NEtFOSAA	*81.3*		*40 - 150*
13C2 4:2 FTS	*87.2*		*40 - 165*
13C2 6:2 FTS	*94.3*		*40 - 215*
13C2 8:2 FTS	*86.9*		*40 - 275*
13C3-HFPO-DA	*90.8*		*40 - 130*
D7-NMeFOSE	*52.6*		*20 - 130*
D9-NEtFOSE	*48.5*		*15 - 130*
d5-NEtPFOSA	*62.5*		*10 - 130*
d3-NMePFOSA	*66.9*		*10 - 130*

Lab Sample ID: LLCS 410-778771/3-A
Matrix: Solid
Analysis Batch: 778666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778771

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.490	0.458		ng/g		93	70 - 140
Perfluoropentanoic acid (PFPeA)	0.245	0.290		ng/g		118	60 - 150
Perfluorohexanoic acid (PFHxA)	0.245	0.278		ng/g		113	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.245	0.223		ng/g		91	65 - 145
Perfluorooctanoic acid (PFOA)	0.245	0.247		ng/g		101	70 - 150
Perfluorononanoic acid (PFNA)	0.245	0.245		ng/g		100	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-778771/3-A
Matrix: Solid
Analysis Batch: 778666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778771

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanoic acid (PFDA)	0.245	0.220		ng/g		90	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.245	0.219		ng/g		89	70 - 155
Perfluorododecanoic acid (PFDoA)	0.245	0.234		ng/g		96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.245	0.264		ng/g		108	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.245	0.261		ng/g		106	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.218	0.228		ng/g		105	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.230	0.200		ng/g		87	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.224	0.236		ng/g		106	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.234	0.197	J	ng/g		84	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.228	0.222		ng/g		98	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.236	0.193	J	ng/g		82	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	0.238	0.124	J	ng/g		52	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.460	0.421		ng/g		92	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.467	0.490		ng/g		105	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.471	0.484		ng/g		103	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.245	0.233		ng/g		95	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.245	0.237		ng/g		97	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.245	0.254		ng/g		104	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.245	0.243		ng/g		99	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.245	0.256		ng/g		105	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.23	1.21		ng/g		98	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.23	1.31		ng/g		107	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.184	0.186	J	ng/g		101	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.232	0.246		ng/g		106	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.245	0.249		ng/g		101	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.245	0.295		ng/g		121	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.245	0.225		ng/g		92	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.229	0.205		ng/g		90	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-778771/3-A
Matrix: Solid
Analysis Batch: 778666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778771

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.231	0.175	J	ng/g		76	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.219	0.232		ng/g		106	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.490	0.568		ng/g		116	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.23	1.21		ng/g		99	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.23	1.43		ng/g		117	60 - 150
Perfluorodecanesulfonic acid (PFDS)	0.236	0.193	J	ng/g		82	40 - 155

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4-PFBA	*93.4*		*8 - 130*
13C5-PFPeA	*71.5*		*35 - 130*
13C5-PFHxA	*82.6*		*40 - 130*
13C4-PFHpA	*93.0*		*40 - 130*
13C8-PFOA	*87.5*		*40 - 130*
13C9-PFNA	*84.4*		*40 - 130*
13C6-PFDA	*95.2*		*40 - 130*
13C7-PFUnA	*96.6*		*40 - 130*
13C2 PFDoA	*91.4*		*40 - 130*
13C2-PFTeDA	*71.4*		*20 - 130*
13C3-PFBS	*86.8*		*40 - 135*
13C3-PFHxS	*93.2*		*40 - 130*
13C8-PFOS	*90.8*		*40 - 130*
13C8-PFOSA	*86.1*		*40 - 130*
d3-NMeFOSAA	*82.9*		*40 - 135*
d5-NEtFOSAA	*82.9*		*40 - 150*
13C2 4:2 FTS	*90.1*		*40 - 165*
13C2 6:2 FTS	*89.1*		*40 - 215*
13C2 8:2 FTS	*84.7*		*40 - 275*
13C3-HFPO-DA	*82.1*		*40 - 130*
D7-NMeFOSE	*43.6*		*20 - 130*
D9-NEtFOSE	*37.8*		*15 - 130*
d5-NEtPFOSA	*72.6*		*10 - 130*
d3-NMePFOSA	*75.8*		*10 - 130*

Lab Sample ID: 180-202364-15 MS
Matrix: Solid
Analysis Batch: 781227

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 778771

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	ND		4.92	4.56		ng/g	☼	93	70 - 140
Perfluoropentanoic acid (PFPeA)	ND		2.46	2.28		ng/g	☼	93	60 - 150
Perfluorohexanoic acid (PFHxA)	ND		2.46	2.21		ng/g	☼	90	65 - 140
Perfluoroheptanoic acid (PFHpA)	ND		2.46	2.42		ng/g	☼	98	65 - 145
Perfluorooctanoic acid (PFOA)	0.19	J	2.46	2.33		ng/g	☼	87	70 - 150
Perfluorononanoic acid (PFNA)	ND		2.46	2.30		ng/g	☼	93	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202364-15 MS
Matrix: Solid
Analysis Batch: 781227

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 778771

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanoic acid (PFDA)	0.062	J	2.46	2.20		ng/g	☼	87	70 - 155
Perfluoroundecanoic acid (PFUnA)	ND		2.46	2.29		ng/g	☼	93	70 - 155
Perfluorododecanoic acid (PFDoA)	ND		2.46	2.41		ng/g	☼	98	70 - 150
Perfluorotridecanoic acid (PFTrDA)	ND		2.46	2.33		ng/g	☼	95	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	ND		2.46	2.33		ng/g	☼	95	65 - 150
Perfluorobutanesulfonic acid (PFBS)	ND		2.18	2.05		ng/g	☼	94	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		2.31	2.10		ng/g	☼	91	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	ND		2.24	2.15		ng/g	☼	96	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.35	2.12		ng/g	☼	90	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.53		2.29	2.51		ng/g	☼	87	65 - 160
Perfluorononanesulfonic acid (PFNS)	ND		2.37	2.29		ng/g	☼	97	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	ND		2.39	1.75		ng/g	☼	73	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.61	4.25		ng/g	☼	92	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.68	4.20		ng/g	☼	90	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.72	4.05		ng/g	☼	86	70 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		2.46	2.38		ng/g	☼	97	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.46	2.41		ng/g	☼	98	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.46	2.42		ng/g	☼	98	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.46	2.21		ng/g	☼	90	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.46	2.50		ng/g	☼	102	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.3	11.8		ng/g	☼	96	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.3	11.7		ng/g	☼	95	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.84	1.67		ng/g	☼	91	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.33	2.43		ng/g	☼	105	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.46	2.16		ng/g	☼	88	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.46	2.46		ng/g	☼	100	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.46	2.39		ng/g	☼	97	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.30	1.99		ng/g	☼	86	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202364-15 MS
Matrix: Solid
Analysis Batch: 781227

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 778771

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.32	2.03		ng/g	☼	87	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.19	2.04		ng/g	☼	93	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.92	4.69		ng/g	☼	95	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.3	10.8		ng/g	☼	88	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.3	12.0		ng/g	☼	98	60 - 150
Perfluorodecanesulfonic acid (PFDS)	ND		2.37	2.08		ng/g	☼	88	40 - 155

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4-PFBA	*104*		*8 - 130*
13C5-PFPeA	*112*		*35 - 130*
13C5-PFHxA	*110*		*40 - 130*
13C4-PFHpA	*116*		*40 - 130*
13C8-PFOA	*109*		*40 - 130*
13C9-PFNA	*109*		*40 - 130*
13C6-PFDA	*111*		*40 - 130*
13C7-PFUnA	*119*		*40 - 130*
13C2 PFDoA	*115*		*40 - 130*
13C2-PFTeDA	*102*		*20 - 130*
13C3-PFBS	*103*		*40 - 135*
13C3-PFHxS	*108*		*40 - 130*
13C8-PFOS	*122*		*40 - 130*
13C8-PFOSA	*117*		*40 - 130*
d3-NMeFOSAA	*136*	*5+	*40 - 135*
d5-NEtFOSAA	*142*		*40 - 150*
13C2 4:2 FTS	*152*		*40 - 165*
13C2 6:2 FTS	*157*		*40 - 215*
13C2 8:2 FTS	*160*		*40 - 275*
13C3-HFPO-DA	*103*		*40 - 130*
D7-NMeFOSE	*96.0*		*20 - 130*
D9-NEtFOSE	*85.0*		*15 - 130*
d5-NEtPFOSA	*96.9*		*10 - 130*
d3-NMePFOSA	*93.8*		*10 - 130*

Lab Sample ID: 180-202364-15 MSD
Matrix: Solid
Analysis Batch: 781227

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 778771

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	ND		4.84	4.64		ng/g	☼	96	70 - 140	2	30
Perfluoropentanoic acid (PFPeA)	ND		2.42	2.27		ng/g	☼	94	60 - 150	1	30
Perfluorohexanoic acid (PFHxA)	ND		2.42	2.26		ng/g	☼	93	65 - 140	2	30
Perfluoroheptanoic acid (PFHpA)	ND		2.42	2.46		ng/g	☼	102	65 - 145	1	30
Perfluorooctanoic acid (PFOA)	0.19	J	2.42	2.49		ng/g	☼	95	70 - 150	7	30
Perfluorononanoic acid (PFNA)	ND		2.42	2.19		ng/g	☼	91	70 - 155	5	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202364-15 MSD
Matrix: Solid
Analysis Batch: 781227

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 778771

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorodecanoic acid (PFDA)	0.062	J	2.42	2.26		ng/g	☼	91	70 - 155	3	30
Perfluoroundecanoic acid (PFUnA)	ND		2.42	2.45		ng/g	☼	101	70 - 155	7	30
Perfluorododecanoic acid (PFDoA)	ND		2.42	2.42		ng/g	☼	100	70 - 150	0	30
Perfluorotridecanoic acid (PFTrDA)	ND		2.42	2.44		ng/g	☼	101	65 - 150	5	30
Perfluorotetradecanoic acid (PFTeDA)	ND		2.42	2.36		ng/g	☼	98	65 - 150	1	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.15	1.94		ng/g	☼	90	65 - 145	6	30
Perfluoropentanesulfonic acid (PFPeS)	ND		2.27	2.14		ng/g	☼	94	55 - 160	2	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.21	2.03		ng/g	☼	92	60 - 150	6	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.31	2.13		ng/g	☼	92	65 - 155	0	30
Perfluorooctanesulfonic acid (PFOS)	0.53		2.25	2.54		ng/g	☼	89	65 - 160	1	30
Perfluorononanesulfonic acid (PFNS)	ND		2.33	2.22		ng/g	☼	96	55 - 140	3	30
Perfluorododecanesulfonic acid (PFDoS)	ND		2.35	1.65		ng/g	☼	70	25 - 160	6	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.54	3.80		ng/g	☼	84	60 - 150	11	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.61	4.18		ng/g	☼	91	55 - 200	1	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.65	4.25		ng/g	☼	92	70 - 150	5	30
Perfluorooctanesulfonamide (PFOSA)	ND		2.42	2.28		ng/g	☼	94	70 - 140	4	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.42	2.34		ng/g	☼	97	70 - 155	3	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.42	2.32		ng/g	☼	96	70 - 140	4	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.42	2.34		ng/g	☼	97	65 - 155	5	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.42	2.45		ng/g	☼	101	65 - 165	2	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.1	11.5		ng/g	☼	95	70 - 140	2	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.1	11.7		ng/g	☼	96	70 - 135	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.81	1.69		ng/g	☼	93	70 - 145	1	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.29	2.29		ng/g	☼	100	70 - 160	6	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.42	2.26		ng/g	☼	93	60 - 150	5	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.42	2.50		ng/g	☼	103	30 - 140	2	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.42	2.09		ng/g	☼	87	60 - 155	13	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.26	1.88		ng/g	☼	83	70 - 150	6	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202364-15 MSD
Matrix: Solid
Analysis Batch: 781227

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 778771

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.28	1.84		ng/g	☼	81	45 - 160	10	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.16	1.98		ng/g	☼	92	70 - 140	3	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.84	4.89		ng/g	☼	101	45 - 130	4	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.1	10.9		ng/g	☼	90	60 - 130	1	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.1	10.3		ng/g	☼	85	60 - 150	15	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.33	1.96		ng/g	☼	84	40 - 155	6	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4-PFBA	*105*		*8 - 130*
13C5-PFPeA	*113*		*35 - 130*
13C5-PFHxA	*116*		*40 - 130*
13C4-PFHpA	*111*		*40 - 130*
13C8-PFOA	*107*		*40 - 130*
13C9-PFNA	*103*		*40 - 130*
13C6-PFDA	*102*		*40 - 130*
13C7-PFUnA	*103*		*40 - 130*
13C2 PFDoA	*100*		*40 - 130*
13C2-PFTeDA	*96.2*		*20 - 130*
13C3-PFBS	*100*		*40 - 135*
13C3-PFHxS	*99.5*		*40 - 130*
13C8-PFOS	*117*		*40 - 130*
13C8-PFOSA	*113*		*40 - 130*
d3-NMeFOSAA	*136*	*5+	*40 - 135*
d5-NEtFOSAA	*137*		*40 - 150*
13C2 4:2 FTS	*190*	*5+	*40 - 165*
13C2 6:2 FTS	*152*		*40 - 215*
13C2 8:2 FTS	*155*		*40 - 275*
13C3-HFPO-DA	*106*		*40 - 130*
D7-NMeFOSE	*87.8*		*20 - 130*
D9-NEtFOSE	*78.6*		*15 - 130*
d5-NEtPFOSA	*98.8*		*10 - 130*
d3-NMePFOSA	*93.3*		*10 - 130*

Method: EPA 6010D - Metals (ICP)

Lab Sample ID: MB 410-777889/1-A
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 777889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.0	1.7	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Aluminum	ND		30	9.0	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Arsenic	ND		5.0	1.4	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Barium	ND		0.50	0.15	mg/Kg		03/05/26 09:45	03/05/26 19:29	1

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-777889/1-A
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 777889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.50	0.10	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Cadmium	ND		0.50	0.10	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Calcium	ND		50	21	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Chromium	ND		1.5	0.60	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Cobalt	ND		0.50	0.15	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Copper	ND		2.0	0.77	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Iron	ND		20	8.0	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Lead	ND		1.5	0.60	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Magnesium	ND		20	4.0	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Manganese	ND		1.0	0.40	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Nickel	ND		1.0	0.40	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Potassium	ND		100	35	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Selenium	ND		5.0	1.5	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Silver	ND		1.0	0.40	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Sodium	ND		100	40	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Thallium	ND		3.0	1.3	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Zinc	ND		2.0	0.80	mg/Kg		03/05/26 09:45	03/05/26 19:29	1
Vanadium	ND		1.0	0.43	mg/Kg		03/05/26 09:45	03/05/26 19:29	1

Lab Sample ID: LCS 410-777889/2-A
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 777889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.82		mg/Kg		98	80 - 120
Aluminum	500	493		mg/Kg		99	88 - 110
Arsenic	50.0	49.7		mg/Kg		99	87 - 113
Barium	50.0	50.6		mg/Kg		101	90 - 111
Beryllium	5.00	5.15		mg/Kg		103	90 - 113
Cadmium	5.00	5.02		mg/Kg		100	90 - 110
Calcium	500	503		mg/Kg		101	90 - 111
Chromium	50.0	50.0		mg/Kg		100	90 - 113
Cobalt	50.0	50.4		mg/Kg		101	90 - 110
Copper	50.0	49.8		mg/Kg		100	90 - 110
Iron	500	498		mg/Kg		100	89 - 111
Lead	5.00	5.30		mg/Kg		106	85 - 117
Magnesium	500	503		mg/Kg		101	89 - 111
Manganese	50.0	50.3		mg/Kg		101	90 - 111
Nickel	50.0	50.2		mg/Kg		100	90 - 111
Potassium	500	508		mg/Kg		102	88 - 113
Selenium	10.0	10.5		mg/Kg		105	80 - 119
Silver	5.00	5.11		mg/Kg		102	85 - 112
Sodium	500	518		mg/Kg		104	88 - 114
Thallium	10.0	10.2		mg/Kg		102	80 - 120
Zinc	50.0	49.6		mg/Kg		99	90 - 110
Vanadium	50.0	50.1		mg/Kg		100	90 - 111

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-202364-15 MS
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 777889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1	11.9	6.94	F1	mg/Kg	☼	59	75 - 125
Aluminum	12000		593	18200	4	mg/Kg	☼	976	75 - 125
Arsenic	7.9		59.3	64.4		mg/Kg	☼	95	75 - 125
Barium	78	F1	59.3	161	F1	mg/Kg	☼	140	75 - 125
Beryllium	0.53	J	5.93	6.48		mg/Kg	☼	101	75 - 125
Cadmium	0.14	J	5.93	5.65		mg/Kg	☼	93	75 - 125
Calcium	17000		593	19700	4	mg/Kg	☼	430	75 - 125
Chromium	17		59.3	76.6		mg/Kg	☼	101	75 - 125
Cobalt	9.3		59.3	66.3		mg/Kg	☼	96	75 - 125
Copper	25		59.3	83.1		mg/Kg	☼	98	75 - 125
Iron	24000		593	26100	4	mg/Kg	☼	271	75 - 125
Lead	18		5.93	24.9		mg/Kg	☼	110	75 - 125
Magnesium	5900		593	7730	4	mg/Kg	☼	301	75 - 125
Manganese	490	F2	59.3	613	4	mg/Kg	☼	201	75 - 125
Nickel	22		59.3	78.9		mg/Kg	☼	96	75 - 125
Potassium	1500	F1	593	3640	F1	mg/Kg	☼	360	75 - 125
Selenium	ND		11.9	11.9		mg/Kg	☼	101	75 - 125
Silver	ND		5.93	6.14		mg/Kg	☼	104	75 - 125
Sodium	91	J	593	697		mg/Kg	☼	102	75 - 125
Thallium	ND		11.9	10.4		mg/Kg	☼	88	75 - 125
Zinc	80		59.3	150		mg/Kg	☼	117	75 - 125
Vanadium	19		59.3	83.6		mg/Kg	☼	109	75 - 125

Lab Sample ID: 180-202364-15 MSD
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 777889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	11.0	6.48	F1	mg/Kg	☼	59	75 - 125	7	20
Aluminum	12000		549	16700	4	mg/Kg	☼	785	75 - 125	8	20
Arsenic	7.9		54.9	59.1		mg/Kg	☼	93	75 - 125	8	20
Barium	78	F1	54.9	150	F1	mg/Kg	☼	131	75 - 125	7	20
Beryllium	0.53	J	5.49	5.95		mg/Kg	☼	99	75 - 125	9	20
Cadmium	0.14	J	5.49	5.23		mg/Kg	☼	93	75 - 125	8	20
Calcium	17000		549	19600	4	mg/Kg	☼	444	75 - 125	1	20
Chromium	17		54.9	70.3		mg/Kg	☼	98	75 - 125	9	20
Cobalt	9.3		54.9	60.2		mg/Kg	☼	93	75 - 125	10	20
Copper	25		54.9	76.7		mg/Kg	☼	94	75 - 125	8	20
Iron	24000		549	23000	4	mg/Kg	☼	-267	75 - 125	13	20
Lead	18		5.49	22.9		mg/Kg	☼	83	75 - 125	8	20
Magnesium	5900		549	6550	4	mg/Kg	☼	111	75 - 125	16	20
Manganese	490	F2	54.9	498	4 F2	mg/Kg	☼	8	75 - 125	21	20
Nickel	22		54.9	71.9		mg/Kg	☼	91	75 - 125	9	20
Potassium	1500	F1	549	3440	F1	mg/Kg	☼	353	75 - 125	6	20
Selenium	ND		11.0	10.2		mg/Kg	☼	93	75 - 125	16	20
Silver	ND		5.49	5.43		mg/Kg	☼	99	75 - 125	12	20
Sodium	91	J	549	644		mg/Kg	☼	101	75 - 125	8	20
Thallium	ND		11.0	9.60		mg/Kg	☼	87	75 - 125	8	20
Zinc	80		54.9	135		mg/Kg	☼	100	75 - 125	10	20

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-202364-15 MSD
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 777889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vanadium	19		54.9	77.0		mg/Kg	☼	106	75 - 125	8	20

Lab Sample ID: 180-202364-15 DU
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 777889

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	ND	F1	ND		mg/Kg	☼	NC	20
Aluminum	12000		13200		mg/Kg	☼	6	20
Arsenic	7.9		7.45		mg/Kg	☼	6	20
Barium	78	F1	81.2		mg/Kg	☼	4	20
Beryllium	0.53	J	0.574	J	mg/Kg	☼	9	20
Cadmium	0.14	J	0.144	J	mg/Kg	☼	2	20
Calcium	17000		17500		mg/Kg	☼	2	20
Chromium	17		17.5		mg/Kg	☼	5	20
Cobalt	9.3		9.80		mg/Kg	☼	5	20
Copper	25		26.8		mg/Kg	☼	6	20
Iron	24000		25900		mg/Kg	☼	6	20
Lead	18		19.3		mg/Kg	☼	5	20
Magnesium	5900		6390		mg/Kg	☼	7	20
Manganese	490	F2	479		mg/Kg	☼	3	20
Nickel	22		23.9		mg/Kg	☼	9	20
Potassium	1500	F1	1610		mg/Kg	☼	7	20
Selenium	ND		ND		mg/Kg	☼	NC	20
Silver	ND		ND		mg/Kg	☼	NC	20
Sodium	91	J	100	J	mg/Kg	☼	9	20
Thallium	ND		ND		mg/Kg	☼	NC	20
Zinc	80		107	F3	mg/Kg	☼	28	20
Vanadium	19		19.9		mg/Kg	☼	6	20

Lab Sample ID: MB 410-778039/1-A
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778039

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.0	1.7	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Aluminum	ND		30	9.0	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Arsenic	ND		5.0	1.4	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Barium	ND		0.50	0.15	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Beryllium	ND		0.50	0.10	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Cadmium	ND		0.50	0.10	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Calcium	ND		50	21	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Chromium	ND		1.5	0.60	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Cobalt	ND		0.50	0.15	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Copper	ND		2.0	0.77	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Iron	ND		20	8.0	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Lead	ND		1.5	0.60	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Magnesium	ND		20	4.0	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Manganese	ND		1.0	0.40	mg/Kg		03/05/26 09:45	03/05/26 20:43	1

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-778039/1-A
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778039

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		1.0	0.40	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Potassium	ND		100	35	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Selenium	ND		5.0	1.5	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Silver	ND		1.0	0.40	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Sodium	ND		100	40	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Thallium	ND		3.0	1.3	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Zinc	ND		2.0	0.80	mg/Kg		03/05/26 09:45	03/05/26 20:43	1
Vanadium	ND		1.0	0.43	mg/Kg		03/05/26 09:45	03/05/26 20:43	1

Lab Sample ID: LCS 410-778039/2-A
Matrix: Solid
Analysis Batch: 778500

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778039

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.66		mg/Kg		97	80 - 120
Aluminum	500	474		mg/Kg		95	88 - 110
Arsenic	50.0	48.2		mg/Kg		96	87 - 113
Barium	50.0	48.8		mg/Kg		98	90 - 111
Beryllium	5.00	4.96		mg/Kg		99	90 - 113
Cadmium	5.00	4.88		mg/Kg		98	90 - 110
Calcium	500	480		mg/Kg		96	90 - 111
Chromium	50.0	48.2		mg/Kg		96	90 - 113
Cobalt	50.0	48.7		mg/Kg		97	90 - 110
Copper	50.0	48.1		mg/Kg		96	90 - 110
Iron	500	478		mg/Kg		96	89 - 111
Lead	5.00	5.06		mg/Kg		101	85 - 117
Magnesium	500	483		mg/Kg		97	89 - 111
Manganese	50.0	48.6		mg/Kg		97	90 - 111
Nickel	50.0	48.7		mg/Kg		97	90 - 111
Potassium	500	475		mg/Kg		95	88 - 113
Selenium	10.0	10.1		mg/Kg		101	80 - 119
Silver	5.00	4.93		mg/Kg		99	85 - 112
Sodium	500	482		mg/Kg		96	88 - 114
Thallium	10.0	9.95		mg/Kg		99	80 - 120
Zinc	50.0	47.9		mg/Kg		96	90 - 110
Vanadium	50.0	48.5		mg/Kg		97	90 - 111

Lab Sample ID: MB 410-778245/1-A
Matrix: Solid
Analysis Batch: 779775

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.0	1.7	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Aluminum	ND		30	9.0	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Arsenic	ND		5.0	1.4	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Barium	ND		0.50	0.15	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Beryllium	ND		0.50	0.10	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Cadmium	ND		0.50	0.10	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Calcium	ND		50	21	mg/Kg		03/07/26 07:30	03/09/26 10:31	1

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-778245/1-A
Matrix: Solid
Analysis Batch: 779775

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		1.5	0.60	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Cobalt	ND		0.50	0.15	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Copper	ND		2.0	0.77	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Iron	ND		20	8.0	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Lead	ND		1.5	0.60	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Magnesium	ND		20	4.0	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Manganese	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Nickel	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Potassium	ND		100	35	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Selenium	ND		5.0	1.5	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Silver	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Sodium	ND		100	40	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Thallium	ND		3.0	1.3	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Zinc	ND		2.0	0.80	mg/Kg		03/07/26 07:30	03/09/26 10:31	1
Vanadium	ND		1.0	0.43	mg/Kg		03/07/26 07:30	03/09/26 10:31	1

Lab Sample ID: LCS 410-778245/2-A
Matrix: Solid
Analysis Batch: 779775

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	10.1		mg/Kg		101	80 - 120
Aluminum	500	480		mg/Kg		96	88 - 110
Arsenic	50.0	49.8		mg/Kg		100	87 - 113
Barium	50.0	49.9		mg/Kg		100	90 - 111
Beryllium	5.00	5.11		mg/Kg		102	90 - 113
Cadmium	5.00	5.04		mg/Kg		101	90 - 110
Calcium	500	501		mg/Kg		100	90 - 111
Chromium	50.0	49.5		mg/Kg		99	90 - 113
Cobalt	50.0	50.0		mg/Kg		100	90 - 110
Copper	50.0	49.1		mg/Kg		98	90 - 110
Iron	500	484		mg/Kg		97	89 - 111
Lead	5.00	5.42		mg/Kg		108	85 - 117
Magnesium	500	469		mg/Kg		94	89 - 111
Manganese	50.0	49.1		mg/Kg		98	90 - 111
Nickel	50.0	50.6		mg/Kg		101	90 - 111
Potassium	500	472		mg/Kg		94	88 - 113
Selenium	10.0	10.9		mg/Kg		109	80 - 119
Silver	5.00	5.12		mg/Kg		102	85 - 112
Sodium	500	492		mg/Kg		98	88 - 114
Thallium	10.0	10.4		mg/Kg		104	80 - 120
Zinc	50.0	49.7		mg/Kg		99	90 - 110
Vanadium	50.0	48.5		mg/Kg		97	90 - 111

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-778249/1-A
Matrix: Solid
Analysis Batch: 779175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778249

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.0	1.7	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Aluminum	ND		30	9.0	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Arsenic	ND		5.0	1.4	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Barium	ND		0.50	0.15	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Beryllium	ND		0.50	0.10	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Cadmium	ND		0.50	0.10	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Calcium	ND		50	21	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Chromium	ND		1.5	0.60	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Cobalt	ND		0.50	0.15	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Copper	ND		2.0	0.77	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Iron	ND		20	8.0	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Lead	ND		1.5	0.60	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Magnesium	ND		20	4.0	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Manganese	ND		1.0	0.40	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Nickel	ND		1.0	0.40	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Potassium	ND		100	35	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Selenium	ND		5.0	1.5	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Silver	ND		1.0	0.40	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Sodium	ND		100	40	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Thallium	ND		3.0	1.3	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Zinc	ND		2.0	0.80	mg/Kg		03/06/26 09:15	03/06/26 19:21	1
Vanadium	ND		1.0	0.43	mg/Kg		03/06/26 09:15	03/06/26 19:21	1

Lab Sample ID: LCS 410-778249/2-A
Matrix: Solid
Analysis Batch: 779175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.30		mg/Kg		93	80 - 120
Aluminum	500	496		mg/Kg		99	88 - 110
Arsenic	50.0	48.4		mg/Kg		97	87 - 113
Barium	50.0	50.9		mg/Kg		102	90 - 111
Beryllium	5.00	5.25		mg/Kg		105	90 - 113
Cadmium	5.00	5.06		mg/Kg		101	90 - 110
Calcium	500	518		mg/Kg		104	90 - 111
Chromium	50.0	51.2		mg/Kg		102	90 - 113
Cobalt	50.0	50.2		mg/Kg		100	90 - 110
Copper	50.0	50.2		mg/Kg		100	90 - 110
Iron	500	511		mg/Kg		102	89 - 111
Lead	5.00	4.95		mg/Kg		99	85 - 117
Magnesium	500	502		mg/Kg		100	89 - 111
Manganese	50.0	50.0		mg/Kg		100	90 - 111
Nickel	50.0	50.8		mg/Kg		102	90 - 111
Potassium	500	508		mg/Kg		102	88 - 113
Selenium	10.0	10.2		mg/Kg		102	80 - 119
Silver	5.00	5.19		mg/Kg		104	85 - 112
Sodium	500	498		mg/Kg		100	88 - 114
Thallium	10.0	10.5		mg/Kg		105	80 - 120
Zinc	50.0	49.3		mg/Kg		99	90 - 110

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-778249/2-A
Matrix: Solid
Analysis Batch: 779175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	50.0	49.4		mg/Kg		99	90 - 111

Lab Sample ID: MB 410-778268/1-A
Matrix: Solid
Analysis Batch: 778927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778268

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		5.0	1.7	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Aluminum	ND		30	9.0	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Arsenic	ND		5.0	1.4	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Barium	ND		0.50	0.15	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Beryllium	ND		0.50	0.10	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Cadmium	ND		0.50	0.10	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Calcium	ND		50	21	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Chromium	ND		1.5	0.60	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Cobalt	ND		0.50	0.15	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Copper	ND		2.0	0.77	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Iron	ND		20	8.0	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Lead	ND		1.5	0.60	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Magnesium	5.52	J	20	4.0	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Manganese	ND		1.0	0.40	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Nickel	ND		1.0	0.40	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Potassium	ND		100	35	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Selenium	ND		5.0	1.5	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Silver	ND		1.0	0.40	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Sodium	ND		100	40	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Thallium	ND		3.0	1.3	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Zinc	ND		2.0	0.80	mg/Kg		03/06/26 00:03	03/06/26 12:05	1
Vanadium	ND		1.0	0.43	mg/Kg		03/06/26 00:03	03/06/26 12:05	1

Lab Sample ID: LCS 410-778268/2-A
Matrix: Solid
Analysis Batch: 778927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	10.0	9.72		mg/Kg		97	80 - 120
Aluminum	500	450		mg/Kg		90	88 - 110
Arsenic	50.0	46.3		mg/Kg		93	87 - 113
Barium	50.0	47.2		mg/Kg		94	90 - 111
Beryllium	5.00	4.70		mg/Kg		94	90 - 113
Cadmium	5.00	4.62		mg/Kg		92	90 - 110
Calcium	500	471		mg/Kg		94	90 - 111
Chromium	50.0	46.0		mg/Kg		92	90 - 113
Cobalt	50.0	46.3		mg/Kg		93	90 - 110
Copper	50.0	46.3		mg/Kg		93	90 - 110
Iron	500	462		mg/Kg		92	89 - 111
Lead	5.00	4.60		mg/Kg		92	85 - 117
Magnesium	500	449		mg/Kg		90	89 - 111
Manganese	50.0	45.1		mg/Kg		90	90 - 111

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-778268/2-A
Matrix: Solid
Analysis Batch: 778927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	50.0	46.1		mg/Kg		92	90 - 111
Potassium	500	451		mg/Kg		90	88 - 113
Selenium	10.0	9.08		mg/Kg		91	80 - 119
Silver	5.00	4.51		mg/Kg		90	85 - 112
Sodium	500	464		mg/Kg		93	88 - 114
Thallium	10.0	8.15		mg/Kg		82	80 - 120
Zinc	50.0	47.4		mg/Kg		95	90 - 110
Vanadium	50.0	45.4		mg/Kg		91	90 - 111

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-777956/1-A
Matrix: Solid
Analysis Batch: 778382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 777956

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/05/26 12:00	03/05/26 16:11	1

Lab Sample ID: LCS 410-777956/2-A
Matrix: Solid
Analysis Batch: 778382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 777956

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.166		mg/Kg		99	80 - 120

Lab Sample ID: MB 410-778104/1-A
Matrix: Solid
Analysis Batch: 779163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778104

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/06/26 14:17	03/06/26 18:48	1

Lab Sample ID: LCS 410-778104/2-A
Matrix: Solid
Analysis Batch: 779163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778104

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.155		mg/Kg		93	80 - 120

Lab Sample ID: 180-202364-15 MS
Matrix: Solid
Analysis Batch: 779163

Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Prep Type: Total/NA
Prep Batch: 778104

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.046	J F1	0.185	0.257		mg/Kg	☼	114	80 - 120

Method: EPA 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 180-202364-15 MSD
Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779163
Prep Batch: 778104

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.046	J F1	0.191	0.278	F1	mg/Kg	☼	121	80 - 120	8	20

Lab Sample ID: 180-202364-15 DU
Client Sample ID: SSHS-IRM5A2-SCV139-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779163
Prep Batch: 778104

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.046	J F1	0.0472	J	mg/Kg	☼	3	20

Lab Sample ID: MB 410-778794/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779163
Prep Batch: 778794

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/06/26 14:17	03/06/26 19:51	1

Lab Sample ID: LCS 410-778794/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 779163
Prep Batch: 778794

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.149		mg/Kg		89	80 - 120

GC/MS VOA

Prep Batch: 781028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-1	SSHS-IRM5A2-SCV143-0.5-1	Total/NA	Solid	5035	
180-202364-4	SSHS-IRM5A2-SCV142-0.5-1	Total/NA	Solid	5035	
180-202364-7	SSHS-IRM5A2-SCV136-0.5-1	Total/NA	Solid	5035	
180-202364-10	SSHS-IRM5A2-SCV137-0.5-1	Total/NA	Solid	5035	
180-202364-13	SSHS-IRM5A2-SCV138-0.5-1	Total/NA	Solid	5035	
180-202364-16	SSHS-IRM5A2-SCV139-0.5-1	Total/NA	Solid	5035	

Analysis Batch: 781565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-1	SSHS-IRM5A2-SCV143-0.5-1	Total/NA	Solid	EPA 8260D	781028
MB 410-781565/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-781565/4	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-781565/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

Analysis Batch: 781592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-7	SSHS-IRM5A2-SCV136-0.5-1	Total/NA	Solid	EPA 8260D	781028
180-202364-10	SSHS-IRM5A2-SCV137-0.5-1	Total/NA	Solid	EPA 8260D	781028
180-202364-13	SSHS-IRM5A2-SCV138-0.5-1	Total/NA	Solid	EPA 8260D	781028
180-202364-16	SSHS-IRM5A2-SCV139-0.5-1	Total/NA	Solid	EPA 8260D	781028
MB 410-781592/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-781592/4	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-781592/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

Analysis Batch: 782285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-4	SSHS-IRM5A2-SCV142-0.5-1	Total/NA	Solid	EPA 8260D	781028
MB 410-782285/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-782285/56	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-782285/57	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

GC/MS Semi VOA

Prep Batch: 510840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-2	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	3541	
180-202364-3	SSHS-IRM5A2-SCV142-0.17-1	Total/NA	Solid	3541	
180-202364-5	SSHS-IRM5A2-SCV136-0-0.17	Total/NA	Solid	3541	
180-202364-6	SSHS-IRM5A2-SCV136-0.17-1	Total/NA	Solid	3541	
180-202364-8	SSHS-IRM5A2-SCV137-0-0.17	Total/NA	Solid	3541	
180-202364-9	SSHS-IRM5A2-SCV137-0.17-1	Total/NA	Solid	3541	
180-202364-11	SSHS-IRM5A2-SCV138-0-0.17	Total/NA	Solid	3541	
180-202364-12	SSHS-IRM5A2-SCV138-0.17-1	Total/NA	Solid	3541	
180-202364-14	SSHS-IRM5A2-SCV139-0-0.17	Total/NA	Solid	3541	
180-202364-15	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	3541	
180-202364-17	SSHS-IRM5A2-SCV140-0-0.17	Total/NA	Solid	3541	
180-202364-18	SSHS-IRM5A2-SCV140-0.17-1	Total/NA	Solid	3541	
180-202364-19	SSHS-IRM5A2-SCVDUP11	Total/NA	Solid	3541	
MB 180-510840/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510840/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202364-2 MS	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	3541	

GC/MS Semi VOA (Continued)

Prep Batch: 510840 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-2 MSD	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	3541	
180-202364-15 MS	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	3541	
180-202364-15 MSD	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	3541	

Analysis Batch: 510866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-2	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	EPA 8270E	510840
180-202364-3	SSHS-IRM5A2-SCV142-0.17-1	Total/NA	Solid	EPA 8270E	510840
180-202364-5	SSHS-IRM5A2-SCV136-0-0.17	Total/NA	Solid	EPA 8270E	510840
180-202364-6	SSHS-IRM5A2-SCV136-0.17-1	Total/NA	Solid	EPA 8270E	510840
180-202364-8	SSHS-IRM5A2-SCV137-0-0.17	Total/NA	Solid	EPA 8270E	510840
180-202364-9	SSHS-IRM5A2-SCV137-0.17-1	Total/NA	Solid	EPA 8270E	510840
180-202364-11	SSHS-IRM5A2-SCV138-0-0.17	Total/NA	Solid	EPA 8270E	510840
180-202364-12	SSHS-IRM5A2-SCV138-0.17-1	Total/NA	Solid	EPA 8270E	510840
180-202364-14	SSHS-IRM5A2-SCV139-0-0.17	Total/NA	Solid	EPA 8270E	510840
180-202364-15	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 8270E	510840
180-202364-17	SSHS-IRM5A2-SCV140-0-0.17	Total/NA	Solid	EPA 8270E	510840
180-202364-18	SSHS-IRM5A2-SCV140-0.17-1	Total/NA	Solid	EPA 8270E	510840
180-202364-19	SSHS-IRM5A2-SCVDUP11	Total/NA	Solid	EPA 8270E	510840
MB 180-510840/1-A	Method Blank	Total/NA	Solid	EPA 8270E	510840
180-202364-2 MS	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	EPA 8270E	510840
180-202364-2 MSD	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	EPA 8270E	510840
180-202364-15 MS	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 8270E	510840
180-202364-15 MSD	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 8270E	510840

Analysis Batch: 510978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-510840/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	510840

GC Semi VOA

Prep Batch: 510838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-2	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	3541	
180-202364-3	SSHS-IRM5A2-SCV142-0.17-1	Total/NA	Solid	3541	
180-202364-5	SSHS-IRM5A2-SCV136-0-0.17	Total/NA	Solid	3541	
180-202364-6	SSHS-IRM5A2-SCV136-0.17-1	Total/NA	Solid	3541	
180-202364-8	SSHS-IRM5A2-SCV137-0-0.17	Total/NA	Solid	3541	
180-202364-9	SSHS-IRM5A2-SCV137-0.17-1	Total/NA	Solid	3541	
180-202364-11	SSHS-IRM5A2-SCV138-0-0.17	Total/NA	Solid	3541	
180-202364-12	SSHS-IRM5A2-SCV138-0.17-1	Total/NA	Solid	3541	
MB 180-510838/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510838/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202364-2 MS	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	3541	
180-202364-2 MSD	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	3541	

Analysis Batch: 510855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-2	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	EPA 8082A	510838
180-202364-3	SSHS-IRM5A2-SCV142-0.17-1	Total/NA	Solid	EPA 8082A	510838
180-202364-5	SSHS-IRM5A2-SCV136-0-0.17	Total/NA	Solid	EPA 8082A	510838

GC Semi VOA (Continued)

Analysis Batch: 510855 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-6	SSHS-IRM5A2-SCV136-0.17-1	Total/NA	Solid	EPA 8082A	510838
180-202364-8	SSHS-IRM5A2-SCV137-0-0.17	Total/NA	Solid	EPA 8082A	510838
180-202364-9	SSHS-IRM5A2-SCV137-0.17-1	Total/NA	Solid	EPA 8082A	510838
180-202364-11	SSHS-IRM5A2-SCV138-0-0.17	Total/NA	Solid	EPA 8082A	510838
180-202364-12	SSHS-IRM5A2-SCV138-0.17-1	Total/NA	Solid	EPA 8082A	510838
MB 180-510838/1-A	Method Blank	Total/NA	Solid	EPA 8082A	510838
LCS 180-510838/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	510838
180-202364-2 MS	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	EPA 8082A	510838
180-202364-2 MSD	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	EPA 8082A	510838

Prep Batch: 510868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-14	SSHS-IRM5A2-SCV139-0-0.17	Total/NA	Solid	3541	
180-202364-15	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	3541	
180-202364-17	SSHS-IRM5A2-SCV140-0-0.17	Total/NA	Solid	3541	
180-202364-18	SSHS-IRM5A2-SCV140-0.17-1	Total/NA	Solid	3541	
180-202364-19	SSHS-IRM5A2-SCVDUP11	Total/NA	Solid	3541	
MB 180-510868/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510868/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202364-15 MS	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	3541	
180-202364-15 MSD	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	3541	

Analysis Batch: 510964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-14	SSHS-IRM5A2-SCV139-0-0.17	Total/NA	Solid	EPA 8082A	510868
180-202364-15	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 8082A	510868
180-202364-17	SSHS-IRM5A2-SCV140-0-0.17	Total/NA	Solid	EPA 8082A	510868
180-202364-18	SSHS-IRM5A2-SCV140-0.17-1	Total/NA	Solid	EPA 8082A	510868
180-202364-19	SSHS-IRM5A2-SCVDUP11	Total/NA	Solid	EPA 8082A	510868
MB 180-510868/1-A	Method Blank	Total/NA	Solid	EPA 8082A	510868
LCS 180-510868/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	510868
180-202364-15 MS	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 8082A	510868
180-202364-15 MSD	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 8082A	510868

LCMS

Analysis Batch: 778666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-778771/1-A	Method Blank	Total/NA	Solid	1633A	778771
LCS 410-778771/2-A	Lab Control Sample	Total/NA	Solid	1633A	778771
LLCS 410-778771/3-A	Lab Control Sample	Total/NA	Solid	1633A	778771

Prep Batch: 778771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-6	SSHS-IRM5A2-SCV136-0.17-1	Total/NA	Solid	1633A	
180-202364-8	SSHS-IRM5A2-SCV137-0-0.17	Total/NA	Solid	1633A	
180-202364-15	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	1633A	
MB 410-778771/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-778771/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-778771/3-A	Lab Control Sample	Total/NA	Solid	1633A	
180-202364-15 MS	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	1633A	

LCMS (Continued)

Prep Batch: 778771 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-15 MSD	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	1633A	

Analysis Batch: 781227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-6	SSHS-IRM5A2-SCV136-0.17-1	Total/NA	Solid	1633A	778771
180-202364-8	SSHS-IRM5A2-SCV137-0-0.17	Total/NA	Solid	1633A	778771
180-202364-15	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	1633A	778771
180-202364-15 MS	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	1633A	778771
180-202364-15 MSD	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	1633A	778771

Metals

Prep Batch: 777889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-15	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	3050B	
MB 410-777889/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-777889/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-202364-15 MS	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	3050B	
180-202364-15 MSD	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	3050B	
180-202364-15 DU	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	3050B	

Prep Batch: 777956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-18	SSHS-IRM5A2-SCV140-0.17-1	Total/NA	Solid	7471B	
180-202364-19	SSHS-IRM5A2-SCVDUP11	Total/NA	Solid	7471B	
MB 410-777956/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-777956/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 778039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-18	SSHS-IRM5A2-SCV140-0.17-1	Total/NA	Solid	3050B	
180-202364-19	SSHS-IRM5A2-SCVDUP11	Total/NA	Solid	3050B	
MB 410-778039/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-778039/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 778104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-6	SSHS-IRM5A2-SCV136-0.17-1	Total/NA	Solid	7471B	
180-202364-8	SSHS-IRM5A2-SCV137-0-0.17	Total/NA	Solid	7471B	
180-202364-9	SSHS-IRM5A2-SCV137-0.17-1	Total/NA	Solid	7471B	
180-202364-11	SSHS-IRM5A2-SCV138-0-0.17	Total/NA	Solid	7471B	
180-202364-12	SSHS-IRM5A2-SCV138-0.17-1	Total/NA	Solid	7471B	
180-202364-14	SSHS-IRM5A2-SCV139-0-0.17	Total/NA	Solid	7471B	
180-202364-15	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	7471B	
180-202364-17	SSHS-IRM5A2-SCV140-0-0.17	Total/NA	Solid	7471B	
MB 410-778104/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-778104/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-202364-15 MS	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	7471B	
180-202364-15 MSD	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	7471B	
180-202364-15 DU	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	7471B	

Metals

Prep Batch: 778245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-2	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	3050B	
180-202364-3	SSHS-IRM5A2-SCV142-0.17-1	Total/NA	Solid	3050B	
180-202364-5	SSHS-IRM5A2-SCV136-0-0.17	Total/NA	Solid	3050B	
180-202364-6	SSHS-IRM5A2-SCV136-0.17-1	Total/NA	Solid	3050B	
180-202364-8	SSHS-IRM5A2-SCV137-0-0.17	Total/NA	Solid	3050B	
MB 410-778245/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-778245/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 778249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-9	SSHS-IRM5A2-SCV137-0.17-1	Total/NA	Solid	3050B	
180-202364-11	SSHS-IRM5A2-SCV138-0-0.17	Total/NA	Solid	3050B	
180-202364-12	SSHS-IRM5A2-SCV138-0.17-1	Total/NA	Solid	3050B	
180-202364-14	SSHS-IRM5A2-SCV139-0-0.17	Total/NA	Solid	3050B	
MB 410-778249/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-778249/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 778268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-17	SSHS-IRM5A2-SCV140-0-0.17	Total/NA	Solid	3050B	
MB 410-778268/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-778268/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 778382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-18	SSHS-IRM5A2-SCV140-0.17-1	Total/NA	Solid	EPA 7471B	777956
180-202364-19	SSHS-IRM5A2-SCVDUP11	Total/NA	Solid	EPA 7471B	777956
MB 410-777956/1-A	Method Blank	Total/NA	Solid	EPA 7471B	777956
LCS 410-777956/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	777956

Analysis Batch: 778500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-15	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 6010D	777889
180-202364-18	SSHS-IRM5A2-SCV140-0.17-1	Total/NA	Solid	EPA 6010D	778039
180-202364-19	SSHS-IRM5A2-SCVDUP11	Total/NA	Solid	EPA 6010D	778039
MB 410-777889/1-A	Method Blank	Total/NA	Solid	EPA 6010D	777889
MB 410-778039/1-A	Method Blank	Total/NA	Solid	EPA 6010D	778039
LCS 410-777889/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	777889
LCS 410-778039/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778039
180-202364-15 MS	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 6010D	777889
180-202364-15 MSD	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 6010D	777889
180-202364-15 DU	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 6010D	777889

Prep Batch: 778794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-2	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	7471B	
180-202364-3	SSHS-IRM5A2-SCV142-0.17-1	Total/NA	Solid	7471B	
180-202364-5	SSHS-IRM5A2-SCV136-0-0.17	Total/NA	Solid	7471B	
MB 410-778794/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-778794/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Metals

Analysis Batch: 778927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-17	SSHS-IRM5A2-SCV140-0-0.17	Total/NA	Solid	EPA 6010D	778268
MB 410-778268/1-A	Method Blank	Total/NA	Solid	EPA 6010D	778268
LCS 410-778268/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778268

Analysis Batch: 779163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-2	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	EPA 7471B	778794
180-202364-3	SSHS-IRM5A2-SCV142-0.17-1	Total/NA	Solid	EPA 7471B	778794
180-202364-5	SSHS-IRM5A2-SCV136-0-0.17	Total/NA	Solid	EPA 7471B	778794
180-202364-6	SSHS-IRM5A2-SCV136-0.17-1	Total/NA	Solid	EPA 7471B	778104
180-202364-8	SSHS-IRM5A2-SCV137-0-0.17	Total/NA	Solid	EPA 7471B	778104
180-202364-9	SSHS-IRM5A2-SCV137-0.17-1	Total/NA	Solid	EPA 7471B	778104
180-202364-11	SSHS-IRM5A2-SCV138-0-0.17	Total/NA	Solid	EPA 7471B	778104
180-202364-12	SSHS-IRM5A2-SCV138-0.17-1	Total/NA	Solid	EPA 7471B	778104
180-202364-14	SSHS-IRM5A2-SCV139-0-0.17	Total/NA	Solid	EPA 7471B	778104
180-202364-15	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 7471B	778104
180-202364-17	SSHS-IRM5A2-SCV140-0-0.17	Total/NA	Solid	EPA 7471B	778104
MB 410-778104/1-A	Method Blank	Total/NA	Solid	EPA 7471B	778104
MB 410-778794/1-A	Method Blank	Total/NA	Solid	EPA 7471B	778794
LCS 410-778104/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	778104
LCS 410-778794/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	778794
180-202364-15 MS	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 7471B	778104
180-202364-15 MSD	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 7471B	778104
180-202364-15 DU	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	EPA 7471B	778104

Analysis Batch: 779175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-9	SSHS-IRM5A2-SCV137-0.17-1	Total/NA	Solid	EPA 6010D	778249
180-202364-11	SSHS-IRM5A2-SCV138-0-0.17	Total/NA	Solid	EPA 6010D	778249
180-202364-12	SSHS-IRM5A2-SCV138-0.17-1	Total/NA	Solid	EPA 6010D	778249
180-202364-14	SSHS-IRM5A2-SCV139-0-0.17	Total/NA	Solid	EPA 6010D	778249
MB 410-778249/1-A	Method Blank	Total/NA	Solid	EPA 6010D	778249
LCS 410-778249/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778249

Analysis Batch: 779775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-2	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	EPA 6010D	778245
180-202364-3	SSHS-IRM5A2-SCV142-0.17-1	Total/NA	Solid	EPA 6010D	778245
180-202364-5	SSHS-IRM5A2-SCV136-0-0.17	Total/NA	Solid	EPA 6010D	778245
180-202364-6	SSHS-IRM5A2-SCV136-0.17-1	Total/NA	Solid	EPA 6010D	778245
180-202364-8	SSHS-IRM5A2-SCV137-0-0.17	Total/NA	Solid	EPA 6010D	778245
MB 410-778245/1-A	Method Blank	Total/NA	Solid	EPA 6010D	778245
LCS 410-778245/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778245

General Chemistry

Analysis Batch: 777845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-2	SSHS-IRM5A2-SCV142-0-0.17	Total/NA	Solid	Moisture	
180-202364-3	SSHS-IRM5A2-SCV142-0.17-1	Total/NA	Solid	Moisture	
180-202364-5	SSHS-IRM5A2-SCV136-0-0.17	Total/NA	Solid	Moisture	

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202364-1
Project/Site: Former Sperry Remington - NAF SCV

General Chemistry

Analysis Batch: 777871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202364-6	SSHS-IRM5A2-SCV136-0.17-1	Total/NA	Solid	Moisture	
180-202364-8	SSHS-IRM5A2-SCV137-0-0.17	Total/NA	Solid	Moisture	
180-202364-9	SSHS-IRM5A2-SCV137-0.17-1	Total/NA	Solid	Moisture	
180-202364-11	SSHS-IRM5A2-SCV138-0-0.17	Total/NA	Solid	Moisture	
180-202364-12	SSHS-IRM5A2-SCV138-0.17-1	Total/NA	Solid	Moisture	
180-202364-14	SSHS-IRM5A2-SCV139-0-0.17	Total/NA	Solid	Moisture	
180-202364-15	SSHS-IRM5A2-SCV139-0.17-1	Total/NA	Solid	Moisture	
180-202364-17	SSHS-IRM5A2-SCV140-0-0.17	Total/NA	Solid	Moisture	
180-202364-18	SSHS-IRM5A2-SCV140-0.17-1	Total/NA	Solid	Moisture	
180-202364-19	SSHS-IRM5A2-SCVDUP11	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC2

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: Geosyntec Consultants, Inc.	Due Date Requested:			
City: Minneapolis	TAT Requested (days): Standard			
State, Zip: MN, 55401				
Phone: 920-676-4194	PO #: 26008081-17847			
Email	WO #:			
Project Name: Former Sperry Remington	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code				N	N	N	N	N									
SSHS-IRM5A2-SCV143-0.5-1	3/2/26	1035	C	S	N	N	X												4	
SSHS-IRM5A2-SCV142-0-0.17	3/2/26	1040	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV142-0.17-1	3/2/26	1045	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV142-0.5-1	3/2/26	1045	C	S	N	N	X												4	
SSHS-IRM5A2-SCV136-0-0.17	3/2/26	1200	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV136-0.17-1	3/2/26	1205	C	S	N	N		X	X	X	X								3	
SSHS-IRM5A2-SCV136-0.5-1	3/2/26	1205	C	S	N	N	X												4	
SSHS-IRM5A2-SCV137-0-0.17	3/2/26	1210	C	S	N	N		X	X	X	X								3	
SSHS-IRM5A2-SCV137-0.17-1	3/2/26	1215	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV137-0.5-1	3/2/26	1215	C	S	N	N	X												4	
SSHS-IRM5A2-SCV138-0-0.17	3/2/26	1220	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV138-0.17-1	3/2/26	1225	C	S	N	N		X	X	X									2	

180-202364 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
[signature]	3-2-26 1700	Geosyntec	[signature]	3/4/26 10:13	EPiHWE
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC2

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: Geosyntec Consultants, Inc.	Due Date Requested:	Analysis Requested
City: Minneapolis	TAT Requested (days): Standard	
State, Zip: MN, 55401		
Phone: 920-676-4194	PO #: 26008081-17847	
Email:	WO #:	
Project Name: Former Sperry Remington	Project #: 18013464	
Site:	SSOW#:	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code				N	N	N	N	N									
SSHS-IRM5A2-SCV138-0.5-1	3/2/26	1225	C	S	N	N	X												4	
SSHS-IRM5A2-SCV139-0-0.17	3/2/26	1230	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV139-0.17-1	3/2/26	1235	C	S	N	Y		X	X	X	X								6	
SSHS-IRM5A2-SCV139-0.5-1	3/2/26	1235	C	S	N	N	X												4	
SSHS-IRM5A2-SCV140-0-0.17	3/2/26	1245	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV140-0.17-1	3/2/26	1250	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV-DUP-11	3/2/26	--	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV140-0.5-1	3/2/26	1250	C	S	N	N	X												4	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

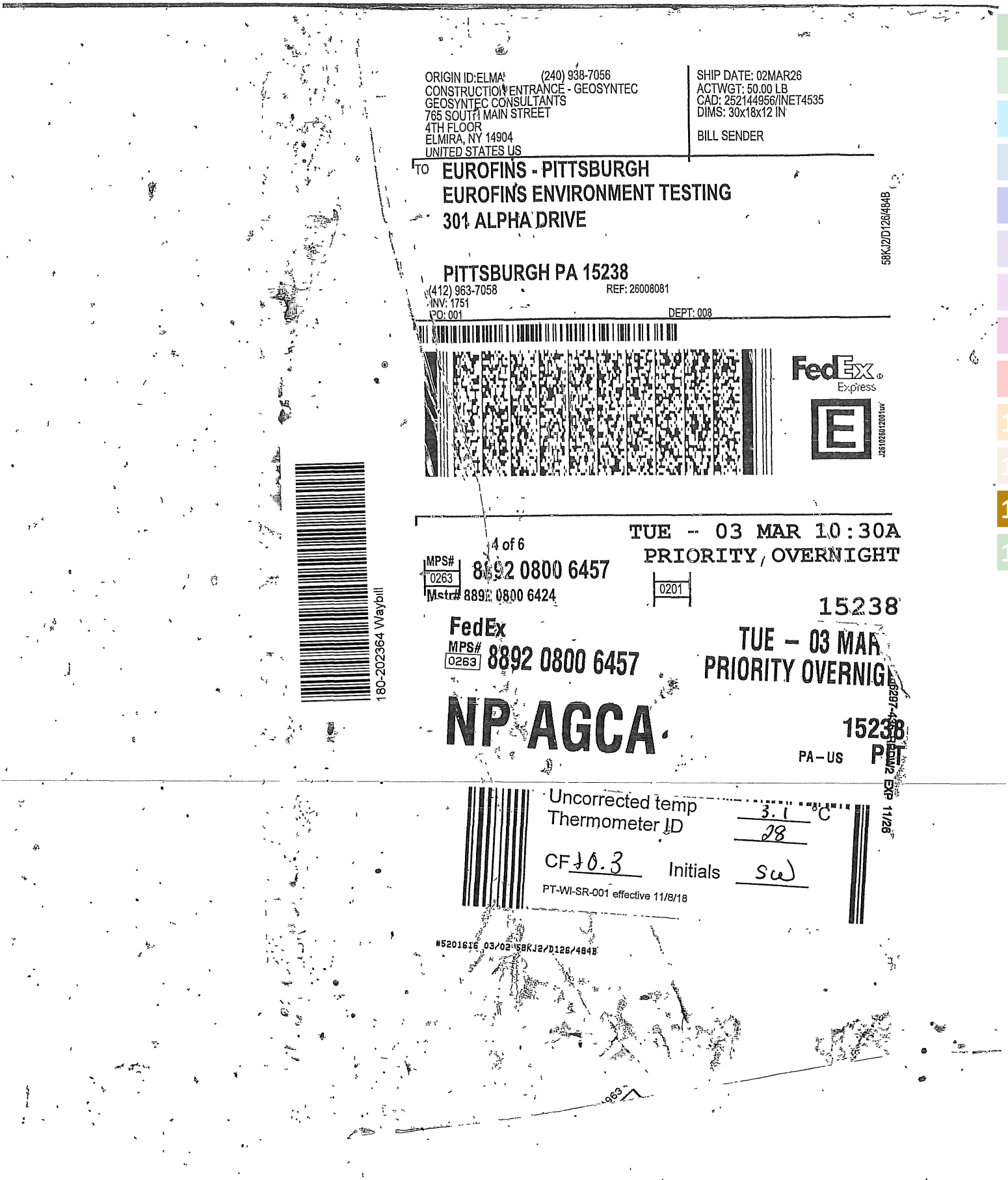
Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

Relinquished by:	Date/Time: 3-2-26 1700	Company: Geosyntec	Received by: Shelly Walker	Date/Time: 3/4/26 10:13	Company: EP-HWE
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

3/18/2026



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 008

58KJ2/D126/484B

FedEx Express

J2510261202101ue

180-202364 Waybill

4 of 6

MPS# 0263 8892 0800 6457

Mstr# 8892 0800 6424

0201

TUE - 03 MAR 10:30A
PRIORITY, OVERNIGHT

15238

FedEx

MPS# 0263 8892 0800 6457

TUE - 03 MAR
PRIORITY OVERNIGHT

NP AGCA

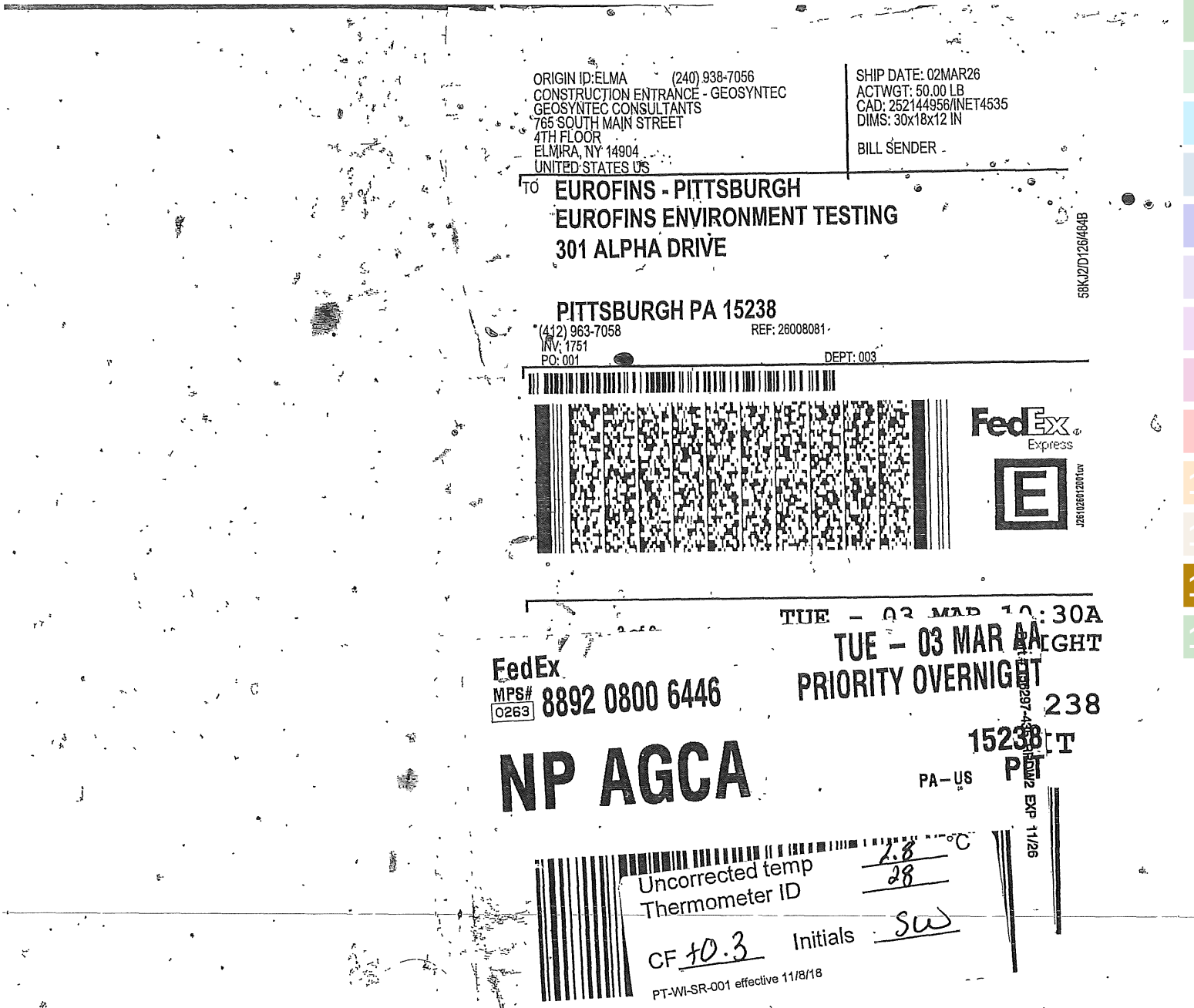
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PA-US PIT

6297-4838-2002 EXP 11/26

Uncorrected temp 3.1 °C
Thermometer ID 28
CF 0.3 Initials SW
PT-WI-SR-001 effective 11/8/18

#5201616 03/02 58KJ2/D126/484B

963



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

TUE - 03 MAR 10:30A
PRIORITY OVERNIGHT

FedEx
MPS# 0263 8892 0800 6446

NP AGCA

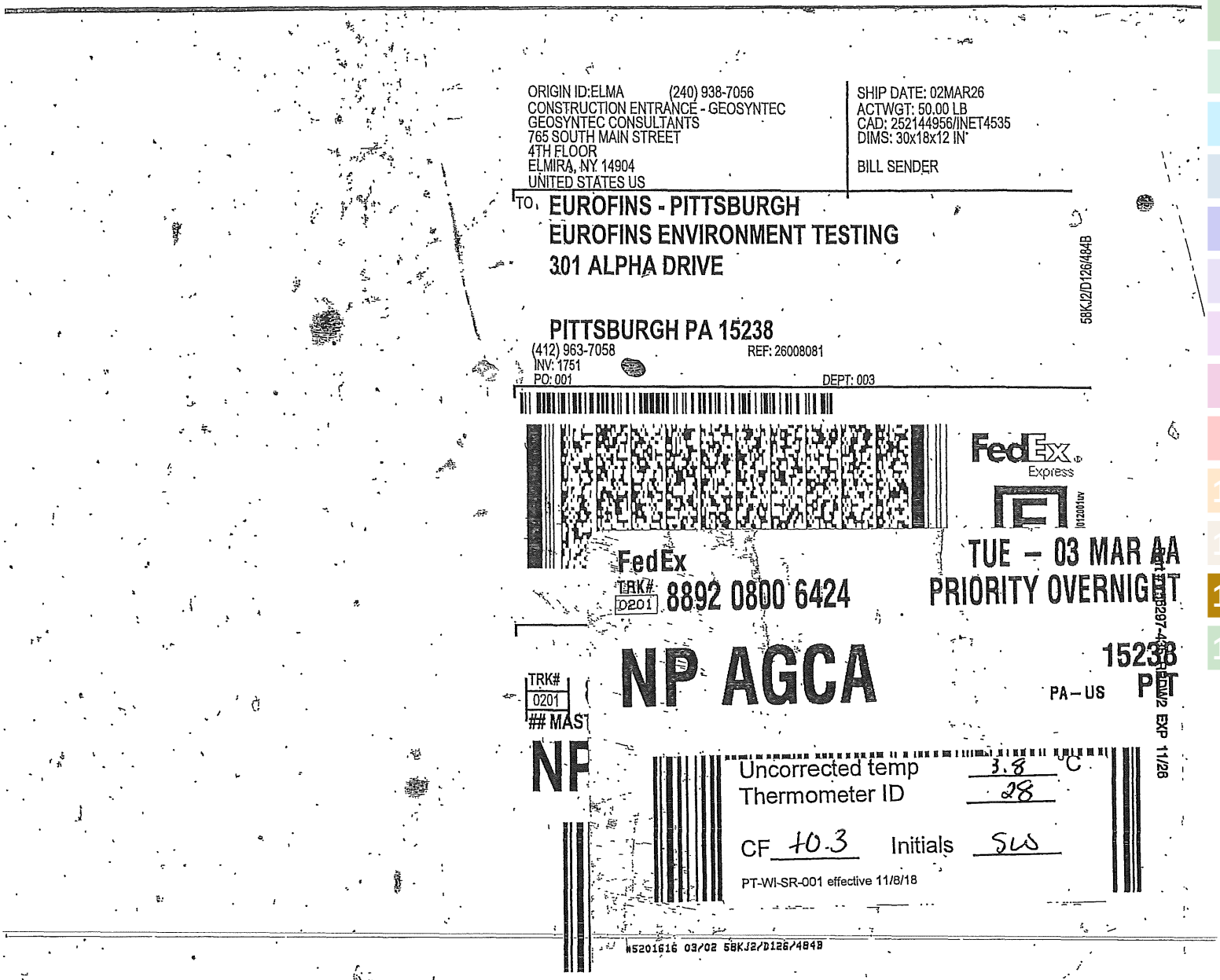
15238
PA-US PT

EXP 11/26

Uncorrected temp 2.8 °C
Thermometer ID 28
CF +0.3 Initials SW

PT-WI-SR-001 effective 11/8/18

#5201616 03/02 58KJ2/D126/484B



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

FedEx
TRK# 8892 0800 6424
0201

TUE - 03 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA - US PIT

TRK#
0201
MAS

NF

Uncorrected temp 3.8 °C
Thermometer ID 28
CF 40.3 Initials SLS
PT-WI-SR-001 effective 11/8/18

W5201616 03/02 58KJ2/D126/484B

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/4B4B

FedEx Express

J26102601200fuv

2 of 6

MPS# 0263 8892 0800 6435
Mstr# 8892 0800 6424

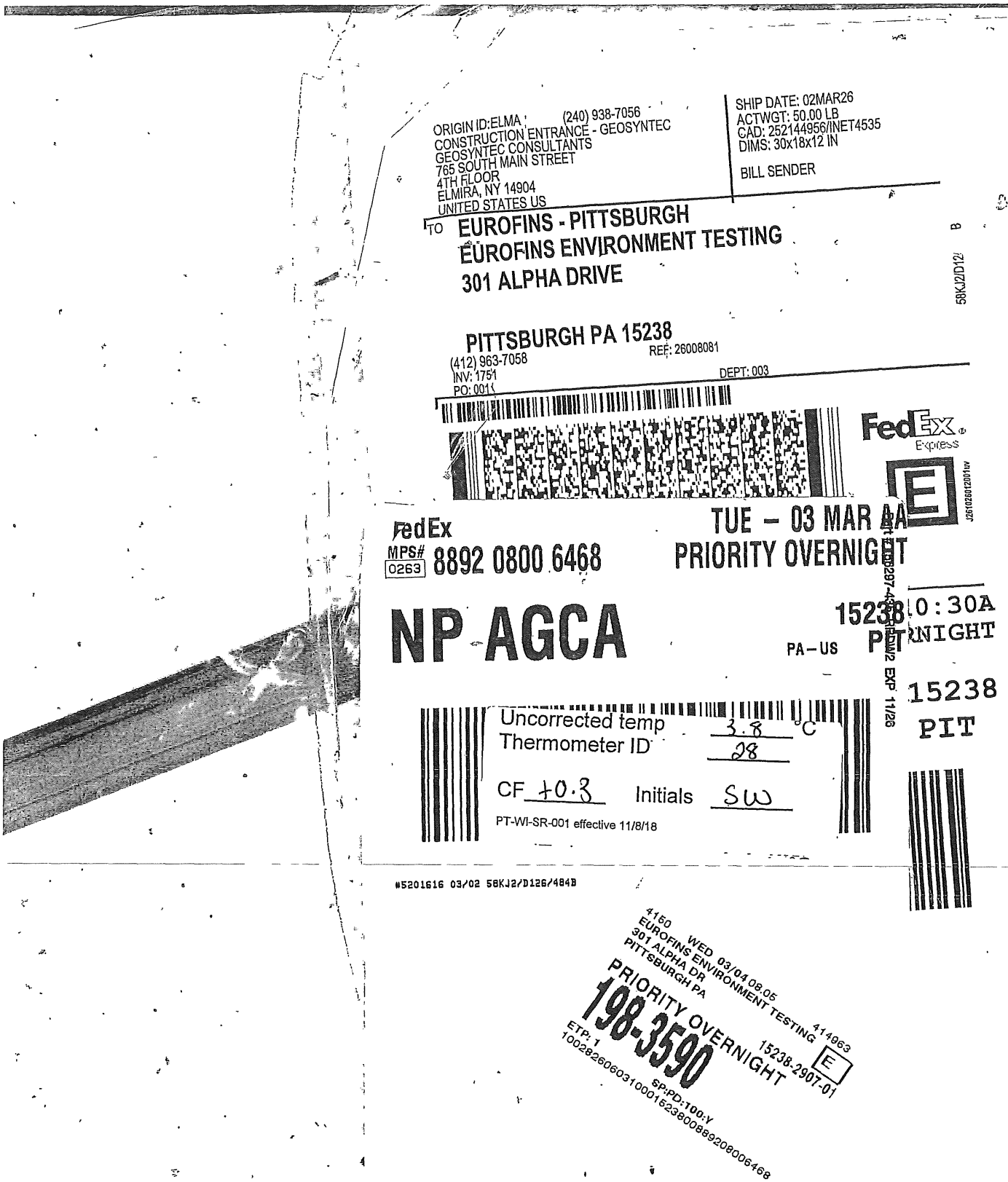
TUE - 03 MAR 10:30A
PRIORITY OVERNIGHT

0201

NP AGCA

15238
PA-US PIT

Uncorrected temp 3.3 °C
Thermometer ID 28
CF +0.3 Initials SW
PT-WI-SR-001 effective 11/8/18



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058
INV: 1751
PO: 0011
REF: 26008081
DEPT: 003

58KJ2/D12/ B

FedEx Express

FedEx
MPS# 0263 8892 0800 6468

TUE - 03 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238 10:30A
PA-US PRIORITY OVERNIGHT

15238
PIT

Uncorrected temp 3.8 °C
Thermometer ID 28
CF +0.3 Initials SW
PT-WI-SR-001 effective 11/8/18

#5201616 03/02 58KJ2/D126/484B

4150 WED 03/04 08.05
EUROFINS ENVIRONMENT TESTING
301 ALPHA DR
PITTSBURGH PA
PRIORITY OVERNIGHT
198-3590
ETP: 1
SP:PD:100:Y
15238-2907-01
414963
E

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553757.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202364-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/17/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Ssolid, Owaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	PRE_SCREEN	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SSHS-IRM5A2-SCV143-0.5-1 (180-202364-1)	3/2/26	Eastern	G	Solid			X	X	X	X				4	Terracore Temp
SSHS-IRM5A2-SCV142-0-0.17 (180-202364-2)	3/2/26	Eastern	G	Solid					X		X	X		1	-7.6 CF +0.7
SSHS-IRM5A2-SCV142-0.17-1 (180-202364-3)	3/2/26	Eastern	G	Solid					X		X	X		1	-6.4 CF
SSHS-IRM5A2-SCV142-0.5-1 (180-202364-4)	3/2/26	Eastern	G	Solid			X	X	X	X				4	
SSHS-IRM5A2-SCV136-0-0.17 (180-202364-5)	3/2/26	Eastern	G	Solid					X		X	X		1	
SSHS-IRM5A2-SCV136-0.17-1 (180-202364-6)	3/2/26	Eastern	G	Solid					X		X	X	X	2	
SSHS-IRM5A2-SCV136-0.5-1 (180-202364-7)	3/2/26	Eastern	G	Solid			X	X	X	X				4	
SSHS-IRM5A2-SCV137-0-0.17 (180-202364-8)	3/2/26	Eastern	G	Solid					X		X	X	X	2	
SSHS-IRM5A2-SCV137-0.17-1 (180-202364-9)	3/2/26	Eastern	G	Solid					X		X	X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelmann	3/4/26 14:00	EPHME	MAA	3.4.26 1400	ELE
2	MAA	3.4.26 1815	ELE			
3					3/4/26 1815	

Custody Seals Intact: ✗ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: -8.2-4.0/-8.0-4.2

Ver: 10/10/2024

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553757.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202364-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/17/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	PRE_SCREEN	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SSHS-IRM5A2-SCV137-0.5-1 (180-202364-10)	3/2/26	Eastern	G	Solid			X	X	X	X				4	
SSHS-IRM5A2-SCV138-0-0..17 (180-202364-11)	3/2/26	Eastern	G	Solid					X		X	X		1	
SSHS-IRM5A2-SCV138-0.17-1 (180-202364-12)	3/2/26	Eastern	G	Solid					X		X	X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Blankenhorn	3/4/26 14:00	EPITHE	MQA	3.4.26 1400	ELE
2	MQA	3-4-26 1815	ELE			
3					3/4/26 1815	

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☑ Yes ☐ No		-8.2-4.0/-8.0-4.2

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202364-1

Login Number: 202364
List Number: 1
Creator: Kovitch, Christina M

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202364-1

Login Number: 202364
List Number: 2
Creator: Martin, Elizabeth

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/04/26 10:09 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers received broken. No volume could be salvaged for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202364-1

Login Number: 202364
List Number: 3
Creator: Martin, Elizabeth

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/05/26 12:06 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Miranda Stelmach
Geosyntec Consultants Inc
111 N. Broadway, Suite C
Green Bay, Wisconsin 54303

Generated 3/19/2026 11:19:50 PM

JOB DESCRIPTION

Former Sperry Remington - NAF-SCV

JOB NUMBER

180-202499-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



Generated
3/19/2026 11:19:50 PM

Authorized for release by
Gail Lage, Senior Project Manager
Gail.Lage@et.eurofinsus.com
(615)301-5741

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Job Narrative
180-202499-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/5/2026 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.9°C and 4.4°C.

GC/MS VOA
Method EPA 8260D: The continuing calibration verification (CCV) associated with batch 410-783640 recovered above the upper control limit for Acetone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:SSHS-IRM5A2-SCV111-0.5-1 (180-202499-11).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method EPA 8270E: The continuing calibration verification (CCV) analyzed in 180-510979 was outside the method criteria for the following analyte: Caprolactam. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method EPA 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 180-510889 and analytical batch 180-510979 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method EPA 8082A: The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: SSHS-IRM5A2-SCV108-0-0.17 (180-202499-1), SSHS-IRM5A2-SCV108-0.17-1 (180-202499-2), SSHS-IRM5A2-SCV109-0-0.17 (180-202499-4), SSHS-IRM5A2-SCV109-0.17-1 (180-202499-5), SSHS-IRM5A2-SCV112-0-0.17 (180-202499-7), SSHS-IRM5A2-SCV112-0.17-1 (180-202499-8), SSHS-IRM5A2-SCV111-0-0.17 (180-202499-9), SSHS-IRM5A2-SCV111-0.17-1 (180-202499-10), SSHS-IRM5A2-SCV110-0-0.17 (180-202499-12), SSHS-IRM5A2-SCV105-0-0.17 (180-202499-13), SSHS-IRM5A2-SCV105-0.17-1 (180-202499-14), SSHS-IRM5A2-SCV106-0-0.17 (180-202499-15), SSHS-IRM5A2-SCV106-0.17-1 (180-202499-16), (LCS 180-510890/2-A), (MB 180-510890/1-A), (180-202499-B-1-D MS) and (180-202499-B-1-E MSD).6215174

Method EPA 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SSHS-IRM5A2-SCV108-0-0.17 (180-202499-1), SSHS-IRM5A2-SCV108-0.17-1 (180-202499-2), SSHS-IRM5A2-SCV109-0-0.17 (180-202499-4), SSHS-IRM5A2-SCV109-0.17-1 (180-202499-5), SSHS-IRM5A2-SCV112-0-0.17 (180-202499-7), SSHS-IRM5A2-SCV112-0.17-1 (180-202499-8), SSHS-IRM5A2-SCV111-0-0.17 (180-202499-9), SSHS-IRM5A2-SCV111-0.17-1 (180-202499-10), SSHS-IRM5A2-SCV110-0-0.17 (180-202499-12), SSHS-IRM5A2-SCV105-0-0.17 (180-202499-13), SSHS-IRM5A2-SCV105-0.17-1 (180-202499-14), SSHS-IRM5A2-SCV106-0-0.17 (180-202499-15), SSHS-IRM5A2-SCV106-0.17-1 (180-202499-16), (LCS 180-510890/2-A), (MB 180-510890/1-A), (180-202499-B-1-D MS) and (180-202499-B-1-E MSD).6648760
6513163

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 180-202499-1 (Continued) Eurofins Pittsburgh

PFAS
Method 1633A: The recovery for labeled isotope: 13C8-PFOSA, d3-NMeFOSAA, d5-NEtFOSAA, 13C2 8:2 FTS, D7-NMeFOSE and D9-NEtFOSE is outside the QC acceptance limits in the opening continuing calibration verification standard associated with the following samples SSHS-IRM5A2-SCV109-0-0.17 (180-202499-4), SSHS-IRM5A2-SCV111-0.17-1 (180-202499-10), SSHS-IRM5A2-SCV105-0-0.17 (180-202499-13) and SSHS-IRM5A2-SCV106-0.17-1 (180-202499-16). Since the recovery for target analytes is within the limits, the data is reported.

Method 1633A: The recovery for labeled isotope: D7-NMeFOSE is outside the QC acceptance limits in the closing continuing calibration verification standard associated with the following samples SSHS-IRM5A2-SCV109-0-0.17 (180-202499-4), SSHS-IRM5A2-SCV111-0.17-1 (180-202499-10), SSHS-IRM5A2-SCV105-0-0.17 (180-202499-13) and SSHS-IRM5A2-SCV106-0.17-1 (180-202499-16). Since the recovery for target analytes is within the limits, the data is reported.

Method 1633A: The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample SSHS-IRM5A2-SCV109-0-0.17 (180-202499-4), SSHS-IRM5A2-SCV111-0.17-1 (180-202499-10), SSHS-IRM5A2-SCV105-0-0.17 (180-202499-13) and SSHS-IRM5A2-SCV106-0.17-1 (180-202499-16) is less than 350%, the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
EPA 8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington - NAF-SCV

Job ID: 180-202499-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
180-202499-1	SSHS-IRM5A2-SCV108-0-0.17	Solid	03/04/26 08:20	03/05/26 09:30	New York
180-202499-2	SSHS-IRM5A2-SCV108-0.17-1	Solid	03/04/26 08:25	03/05/26 09:30	New York
180-202499-3	SSHS-IRM5A2-SCV108-0.5-1	Solid	03/04/26 08:25	03/05/26 09:30	New York
180-202499-4	SSHS-IRM5A2-SCV109-0-0.17	Solid	03/04/26 08:30	03/05/26 09:30	New York
180-202499-5	SSHS-IRM5A2-SCV109-0.17-1	Solid	03/04/26 08:35	03/05/26 09:30	New York
180-202499-6	SSHS-IRM5A2-SCV109-0.5-1	Solid	03/04/26 08:35	03/05/26 09:30	New York
180-202499-7	SSHS-IRM5A2-SCV112-0-0.17	Solid	03/04/26 08:45	03/05/26 09:30	New York
180-202499-8	SSHS-IRM5A2-SCV112-0.17-1	Solid	03/04/26 08:50	03/05/26 09:30	New York
180-202499-9	SSHS-IRM5A2-SCV111-0-0.17	Solid	03/04/26 09:00	03/05/26 09:30	New York
180-202499-10	SSHS-IRM5A2-SCV111-0.17-1	Solid	03/04/26 09:05	03/05/26 09:30	New York
180-202499-11	SSHS-IRM5A2-SCV111-0.5-1	Solid	03/04/26 09:05	03/05/26 09:30	New York
180-202499-12	SSHS-IRM5A2-SCV110-0-0.17	Solid	03/04/26 09:25	03/05/26 09:30	New York
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Solid	03/04/26 09:35	03/05/26 09:30	New York
180-202499-14	SSHS-IRM5A2-SCV105-0.17-1	Solid	03/04/26 09:40	03/05/26 09:30	New York
180-202499-15	SSHS-IRM5A2-SCV106-0-0.17	Solid	03/04/26 10:00	03/05/26 09:30	New York
180-202499-16	SSHS-IRM5A2-SCV106-0.17-1	Solid	03/04/26 10:05	03/05/26 09:30	New York

Method Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
EPA 6010D	Metals (ICP)	SW846	ELLE
EPA 7471B	Mercury (CVAA)	SW846	ELLE
Moisture	Percent Moisture	EPA	EET PIT
Moisture	Percent Moisture	EPA	ELLE
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	ELLE
3541	Automated Soxhlet Extraction	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Lab Sample ID: 180-202499-1
Date Collected: 03/04/26 08:20
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Lab Sample ID: 180-202499-1
Date Collected: 03/04/26 08:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.19 g	5.0 mL	510889	03/05/26 14:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 11:36	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.32 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 10:13	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.52 g	50 mL	779948	03/10/26 10:46	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 18:16	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.65 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 18:36	IJ3I	ELLE
	Instrument ID: M16									

Client Sample ID: SSHS-IRM5A2-SCV108-0.17-1
Lab Sample ID: 180-202499-2
Date Collected: 03/04/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV108-0.17-1
Lab Sample ID: 180-202499-2
Date Collected: 03/04/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.13 g	5.0 mL	510889	03/05/26 14:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 12:39	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.11 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 11:07	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.54 g	50 mL	779948	03/10/26 10:46	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 17:41	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.61 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 18:47	IJ3I	ELLE
	Instrument ID: M16									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV108-0.5-1
Lab Sample ID: 180-202499-3
Date Collected: 03/04/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			780386	03/10/26 07:41	E5GC	ELLE
	Instrument ID: D55_INS_000001									

Client Sample ID: SSHS-IRM5A2-SCV108-0.5-1
Lab Sample ID: 180-202499-3
Date Collected: 03/04/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.866 g	5 mL	783020	03/05/26 12:15	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783114	03/16/26 02:50	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV109-0-0.17
Lab Sample ID: 180-202499-4
Date Collected: 03/04/26 08:30
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV109-0-0.17
Lab Sample ID: 180-202499-4
Date Collected: 03/04/26 08:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.42 g	5.0 mL	510889	03/05/26 14:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 13:01	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.44 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 11:25	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.50 g	5 mL	780529	03/10/26 14:32	VDC4	ELLE
Total/NA	Analysis	1633A		1			781416	03/12/26 06:23	M4QQ	ELLE
	Instrument ID: 30569									
Total/NA	Prep	3050B			0.53 g	50 mL	779948	03/10/26 10:46	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 18:19	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.64 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 18:42	IJ3I	ELLE
	Instrument ID: M16									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV109-0.17-1
Lab Sample ID: 180-202499-5
Date Collected: 03/04/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV109-0.17-1
Lab Sample ID: 180-202499-5
Date Collected: 03/04/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.22 g	5.0 mL	510889	03/05/26 14:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 13:22	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.23 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 11:43	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.54 g	50 mL	779948	03/10/26 10:46	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 18:22	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.63 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 18:46	IJ3I	ELLE
	Instrument ID: M16									

Client Sample ID: SSHS-IRM5A2-SCV109-0.5-1
Lab Sample ID: 180-202499-6
Date Collected: 03/04/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			780386	03/10/26 07:41	E5GC	ELLE
	Instrument ID: D55_INS_000001									

Client Sample ID: SSHS-IRM5A2-SCV109-0.5-1
Lab Sample ID: 180-202499-6
Date Collected: 03/04/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.557 g	5 mL	783020	03/05/26 12:15	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783114	03/16/26 03:12	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV112-0-0.17
Lab Sample ID: 180-202499-7
Date Collected: 03/04/26 08:45
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV112-0-0.17
Lab Sample ID: 180-202499-7
Date Collected: 03/04/26 08:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.25 g	5.0 mL	510889	03/05/26 14:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 13:43	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.21 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 12:01	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.54 g	50 mL	779948	03/10/26 10:46	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 18:26	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.63 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 18:44	IJ3I	ELLE
	Instrument ID: M16									

Client Sample ID: SSHS-IRM5A2-SCV112-0.17-1
Lab Sample ID: 180-202499-8
Date Collected: 03/04/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV112-0.17-1
Lab Sample ID: 180-202499-8
Date Collected: 03/04/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.24 g	5.0 mL	510889	03/05/26 14:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 14:04	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.44 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 12:19	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.51 g	50 mL	780509	03/11/26 00:10	UJL8	ELLE
Total/NA	Analysis	EPA 6010D		1			781446	03/11/26 19:25	T8CQ	ELLE
	Instrument ID: T75 - 27278									
Total/NA	Prep	7471B			0.60 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 18:49	IJ3I	ELLE
	Instrument ID: M16									

Client Sample ID: SSHS-IRM5A2-SCV111-0-0.17
Lab Sample ID: 180-202499-9
Date Collected: 03/04/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV111-0-0.17
Lab Sample ID: 180-202499-9
Date Collected: 03/04/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.13 g	5.0 mL	510889	03/05/26 14:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 14:25	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.45 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 12:37	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.50 g	50 mL	780337	03/10/26 10:46	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			780724	03/10/26 19:02	T8CQ	ELLE
	Instrument ID: T75 - 27278									
Total/NA	Prep	7471B			0.64 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 18:57	IJ3I	ELLE
	Instrument ID: M16									

Client Sample ID: SSHS-IRM5A2-SCV111-0.17-1
Lab Sample ID: 180-202499-10
Date Collected: 03/04/26 09:05
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV111-0.17-1
Lab Sample ID: 180-202499-10
Date Collected: 03/04/26 09:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.26 g	5.0 mL	510889	03/05/26 14:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 14:47	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.24 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 13:30	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.28 g	5 mL	780529	03/10/26 14:32	VDC4	ELLE
Total/NA	Analysis	1633A		1			781416	03/12/26 06:36	M4QQ	ELLE
	Instrument ID: 30569									
Total/NA	Prep	3050B			0.52 g	50 mL	780509	03/11/26 00:10	UJL8	ELLE
Total/NA	Analysis	EPA 6010D		1			781446	03/11/26 19:31	T8CQ	ELLE
	Instrument ID: T75 - 27278									
Total/NA	Prep	7471B			0.65 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 19:02	IJ3I	ELLE
	Instrument ID: M16									

Client Sample ID: SSHS-IRM5A2-SCV111-0.5-1
Lab Sample ID: 180-202499-11

Date Collected: 03/04/26 09:05
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			780386	03/10/26 07:41	E5GC	ELLE
	Instrument ID: D55_INS_000001									

Client Sample ID: SSHS-IRM5A2-SCV111-0.5-1
Lab Sample ID: 180-202499-11

Date Collected: 03/04/26 09:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.853 g	5 mL	783020	03/05/26 12:15	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783640	03/16/26 23:13	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV110-0-0.17
Lab Sample ID: 180-202499-12

Date Collected: 03/04/26 09:25
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV110-0-0.17
Lab Sample ID: 180-202499-12

Date Collected: 03/04/26 09:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.04 g	5.0 mL	510889	03/05/26 14:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 15:08	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.09 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 13:48	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.52 g	50 mL	780337	03/10/26 10:46	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			780724	03/10/26 19:05	T8CQ	ELLE
	Instrument ID: T75 - 27278									
Total/NA	Prep	7471B			0.60 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 18:59	IJ3I	ELLE
	Instrument ID: M16									

Client Sample ID: SSHS-IRM5A2-SCV105-0-0.17
Lab Sample ID: 180-202499-13

Date Collected: 03/04/26 09:35
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV105-0-0.17
Lab Sample ID: 180-202499-13

Date Collected: 03/04/26 09:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.15 g	5.0 mL	510889	03/05/26 14:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 15:29	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.19 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 14:06	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.49 g	5 mL	780529	03/10/26 14:32	VDC4	ELLE
Total/NA	Analysis	1633A		1			781416	03/12/26 06:50	M4QQ	ELLE
	Instrument ID: 30569									
Total/NA	Prep	3050B			0.53 g	50 mL	779948	03/10/26 10:46	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 18:29	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	3050B			0.53 g	50 mL	779948	03/10/26 10:46	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			781126	03/11/26 08:42	WQOE	ELLE
	Instrument ID: T75 - 27278									
Total/NA	Prep	7471B			0.63 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 18:38	IJ3I	ELLE
	Instrument ID: M16									

Client Sample ID: SSHS-IRM5A2-SCV105-0.17-1
Lab Sample ID: 180-202499-14

Date Collected: 03/04/26 09:40
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV105-0.17-1
Lab Sample ID: 180-202499-14

Date Collected: 03/04/26 09:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.35 g	5.0 mL	510889	03/05/26 14:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 15:50	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.09 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 14:24	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	780509	03/11/26 00:10	UJL8	ELLE
Total/NA	Analysis	EPA 6010D		1			781446	03/11/26 19:22	T8CQ	ELLE
	Instrument ID: T75 - 27278									
Total/NA	Prep	7471B			0.61 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 19:01	IJ3I	ELLE
	Instrument ID: M16									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV106-0-0.17
Lab Sample ID: 180-202499-15
Date Collected: 03/04/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV106-0-0.17
Lab Sample ID: 180-202499-15
Date Collected: 03/04/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.35 g	5.0 mL	510889	03/05/26 14:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 16:12	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.35 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 14:42	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.53 g	50 mL	780509	03/11/26 00:10	UJL8	ELLE
Total/NA	Analysis	EPA 6010D		1			781446	03/11/26 19:28	T8CQ	ELLE
	Instrument ID: T75 - 27278									
Total/NA	Prep	7471B			0.63 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 18:51	IJ3I	ELLE
	Instrument ID: M16									

Client Sample ID: SSHS-IRM5A2-SCV106-0.17-1
Lab Sample ID: 180-202499-16
Date Collected: 03/04/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV106-0.17-1
Lab Sample ID: 180-202499-16
Date Collected: 03/04/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.44 g	5.0 mL	510889	03/05/26 14:16	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 16:33	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.02 g	20.0 mL	510890	03/05/26 14:19	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 15:00	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.61 g	5 mL	780529	03/10/26 14:32	VDC4	ELLE
Total/NA	Analysis	1633A		1			781416	03/12/26 07:04	M4QQ	ELLE
	Instrument ID: 30569									
Total/NA	Prep	3050B			0.53 g	50 mL	779948	03/10/26 10:46	HNC4	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 18:33	T8CQ	ELLE
	Instrument ID: T74 - 23745									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV106-0.17-1
Lab Sample ID: 180-202499-16
Date Collected: 03/04/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.62 g	100 mL	781111	03/11/26 13:07	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			781400	03/11/26 18:40	IJ3I	ELLE
	Instrument ID: M16									

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Analyst References:

Lab: EET PIT

Batch Type: Prep

DVC = Daniel Capodanno

MKK = Mary Kenny

Batch Type: Analysis

JMO = John Oravec

RSR = Roseann Ruyechan

VVP = Vincent Piccolino

Lab: ELLE

Batch Type: Prep

HNC4 = Mindy Schantzenbach

RFN5 = Aniyah Oxendine

UJL8 = James Mertz

UK3O = Rebecca Williams

VDC4 = Alaina Christ

Batch Type: Analysis

E5GC = Priest McKenzie

F2QS = Hannah Levy

IJ3I = Elizabeth Brittingham

M4QQ = Pamela Cray

T8CQ = Sera Bargo

WQOE = Ryan O'Kane

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Lab Sample ID: 180-202499-1
Date Collected: 03/04/26 08:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 80.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		82	23	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Acenaphthylene	ND		82	18	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Acetophenone	ND		820	150	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Anthracene	ND		82	21	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Atrazine	ND		820	180	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Benzaldehyde	ND	F1	820	51	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Benzo[a]anthracene	ND		82	37	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Benzo[a]pyrene	ND		82	35	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Benzo[b]fluoranthene	**30**	**J**	82	20	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Benzo[g,h,i]perylene	ND		82	18	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Benzo[k]fluoranthene	**25**	**J**	82	24	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Bis(2-chloroethyl)ether	ND		82	25	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Butyl benzyl phthalate	ND		2000	280	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Caprolactam	ND		2100	270	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Carbazole	ND		82	19	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2-Chloronaphthalene	ND		82	19	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
4-Chlorophenyl phenyl ether	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Chrysene	ND		82	45	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Dibenz(a,h)anthracene	ND		82	52	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Dibenzofuran	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2,4-Dichlorophenol	ND		82	31	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Dimethyl phthalate	ND		820	450	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Di-n-butyl phthalate	ND		4000	850	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
1,4-Dioxane	ND		820	260	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Fluoranthene	**44**	**J**	82	21	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Fluorene	ND		82	16	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Hexachlorobenzene	ND		82	29	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Hexachlorobutadiene	ND		82	24	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Hexachlorocyclopentadiene	ND	F1	400	110	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Hexachloroethane	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Indeno[1,2,3-cd]pyrene	ND		82	41	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Isophorone	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2-Methylnaphthalene	ND		82	20	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2-Methylphenol	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1

Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Lab Sample ID: 180-202499-1
Date Collected: 03/04/26 08:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 80.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Naphthalene	ND		82	16	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Nitrobenzene	ND		820	150	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
N-Nitrosodi-n-propylamine	ND		82	28	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
N-Nitrosodiphenylamine	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2,2'-oxybis[1-chloropropane]	ND		82	30	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Pentachlorophenol	ND		2100	650	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Phenanthrene	ND		82	22	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Phenol	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
Pyrene	**40**	**J**	82	29	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1
2,4,6-Trichlorophenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 11:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*44 - 105*	*03/05/26 14:04*	*03/09/26 11:36*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*03/05/26 14:04*	*03/09/26 11:36*	*1*
Nitrobenzene-d5 (Surr)	*60*		*46 - 105*	*03/05/26 14:04*	*03/09/26 11:36*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*03/05/26 14:04*	*03/09/26 11:36*	*1*
Terphenyl-d14 (Surr)	*74*		*39 - 105*	*03/05/26 14:04*	*03/09/26 11:36*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*34 - 108*	*03/05/26 14:04*	*03/09/26 11:36*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	03/05/26 14:19	03/09/26 10:13	1
PCB-1221	ND		20	7.1	ug/Kg	☼	03/05/26 14:19	03/09/26 10:13	1
PCB-1232	ND		20	4.9	ug/Kg	☼	03/05/26 14:19	03/09/26 10:13	1
PCB-1242	ND		20	3.0	ug/Kg	☼	03/05/26 14:19	03/09/26 10:13	1
PCB-1248	ND		20	4.8	ug/Kg	☼	03/05/26 14:19	03/09/26 10:13	1
PCB-1254	ND		20	6.1	ug/Kg	☼	03/05/26 14:19	03/09/26 10:13	1
PCB-1260	ND		20	5.7	ug/Kg	☼	03/05/26 14:19	03/09/26 10:13	1
PCB-1262	ND		20	7.1	ug/Kg	☼	03/05/26 14:19	03/09/26 10:13	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/05/26 14:19	03/09/26 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/05/26 14:19*	*03/09/26 10:13*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*26 - 142*	*03/05/26 14:19*	*03/09/26 10:13*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*17 - 144*	*03/05/26 14:19*	*03/09/26 10:13*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*17 - 144*	*03/05/26 14:19*	*03/09/26 10:13*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7500**		36	11	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Antimony	ND		5.9	2.0	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1

Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Lab Sample ID: 180-202499-1

Date Collected: 03/04/26 08:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 80.9

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.1	J	5.9	1.7	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Barium	51		0.59	0.18	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Beryllium	0.35	J	0.59	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Cadmium	0.19	J	0.59	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Calcium	18000		59	25	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Chromium	9.7		1.8	0.71	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Cobalt	4.6		0.59	0.17	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Copper	18		2.4	0.92	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Iron	13000		24	9.5	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Lead	11		1.8	0.71	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Magnesium	4900		24	4.8	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Manganese	260		1.2	0.48	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Nickel	13		1.2	0.48	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Potassium	1200		120	42	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Selenium	ND		5.9	1.8	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Silver	ND		1.2	0.48	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Sodium	88	J	120	48	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Thallium	ND		3.6	1.5	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Vanadium	13		1.2	0.51	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1
Zinc	63		2.4	0.95	mg/Kg	☼	03/10/26 10:46	03/10/26 18:16	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045	J	0.068	0.023	mg/Kg	☼	03/11/26 13:07	03/11/26 18:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	19.1		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	80.9		0.1	0.1	%			03/09/26 10:59	1

Client Sample ID: SSHS-IRM5A2-SCV108-0.17-1
Lab Sample ID: 180-202499-2
Date Collected: 03/04/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 82.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		80	23	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Acenaphthylene	ND		80	18	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Acetophenone	ND		800	140	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Anthracene	ND		80	21	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Atrazine	ND		800	180	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Benzaldehyde	ND		800	50	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Benzo[a]anthracene	ND		80	36	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Benzo[a]pyrene	ND		80	35	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Benzo[b]fluoranthene	**21**	**J**	80	20	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Benzo[g,h,i]perylene	ND		80	17	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Benzo[k]fluoranthene	ND		80	24	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Bis(2-chloroethyl)ether	ND		80	25	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Caprolactam	ND		2000	260	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Carbazole	ND		80	19	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2-Chloronaphthalene	ND		80	18	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Chrysene	ND		80	44	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Dibenz(a,h)anthracene	ND		80	51	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Dibenzofuran	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
3,3'-Dichlorobenzidine	ND		400	370	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2,4-Dichlorophenol	ND		80	31	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2,4-Dimethylphenol	ND		400	130	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Dimethyl phthalate	ND		800	440	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Di-n-butyl phthalate	ND		4000	830	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
4,6-Dinitro-2-methylphenol	ND		2000	690	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Di-n-octyl phthalate	ND		400	230	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
1,4-Dioxane	ND		800	250	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Fluoranthene	**33**	**J**	80	21	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Fluorene	ND		80	16	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Hexachlorobenzene	ND		80	29	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Hexachlorobutadiene	ND		80	23	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Hexachlorocyclopentadiene	ND		400	110	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Hexachloroethane	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Indeno[1,2,3-cd]pyrene	ND		80	40	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Isophorone	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2-Methylnaphthalene	ND		80	19	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2-Methylphenol	ND		400	110	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1

Client Sample ID: SSHS-IRM5A2-SCV108-0.17-1
Lab Sample ID: 180-202499-2
Date Collected: 03/04/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 82.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Naphthalene	ND		80	16	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Nitrobenzene	ND		800	150	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
N-Nitrosodi-n-propylamine	ND		80	27	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2,2'-oxybis[1-chloropropane]	ND		80	30	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Phenanthrene	ND		80	21	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Phenol	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
Pyrene	ND		80	28	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	03/05/26 14:04	03/09/26 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*44 - 105*	*03/05/26 14:04*	*03/09/26 12:39*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*03/05/26 14:04*	*03/09/26 12:39*	*1*
Nitrobenzene-d5 (Surr)	*54*		*46 - 105*	*03/05/26 14:04*	*03/09/26 12:39*	*1*
Phenol-d5 (Surr)	*56*		*46 - 105*	*03/05/26 14:04*	*03/09/26 12:39*	*1*
Terphenyl-d14 (Surr)	*64*		*39 - 105*	*03/05/26 14:04*	*03/09/26 12:39*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*34 - 108*	*03/05/26 14:04*	*03/09/26 12:39*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	03/05/26 14:19	03/09/26 11:07	1
PCB-1221	ND		20	7.1	ug/Kg	☼	03/05/26 14:19	03/09/26 11:07	1
PCB-1232	ND		20	4.9	ug/Kg	☼	03/05/26 14:19	03/09/26 11:07	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/05/26 14:19	03/09/26 11:07	1
PCB-1248	ND		20	4.8	ug/Kg	☼	03/05/26 14:19	03/09/26 11:07	1
PCB-1254	ND		20	6.0	ug/Kg	☼	03/05/26 14:19	03/09/26 11:07	1
PCB-1260	ND		20	5.7	ug/Kg	☼	03/05/26 14:19	03/09/26 11:07	1
PCB-1262	ND		20	7.0	ug/Kg	☼	03/05/26 14:19	03/09/26 11:07	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/05/26 14:19	03/09/26 11:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*26 - 142*	*03/05/26 14:19*	*03/09/26 11:07*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*26 - 142*	*03/05/26 14:19*	*03/09/26 11:07*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*17 - 144*	*03/05/26 14:19*	*03/09/26 11:07*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/05/26 14:19*	*03/09/26 11:07*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**	**F2**	34	10	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Antimony	ND	F1	5.6	1.9	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV108-0.17-1
Lab Sample ID: 180-202499-2
Date Collected: 03/04/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 82.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.5	J	5.6	1.6	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Barium	66	F1	0.56	0.17	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Beryllium	0.48	J	0.56	0.11	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Cadmium	ND		0.56	0.11	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Calcium	25000	F2	56	24	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Chromium	14		1.7	0.67	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Cobalt	8.1		0.56	0.16	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Copper	24		2.2	0.86	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Iron	21000	F2	22	9.0	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Lead	15	F1 F2	1.7	0.67	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Magnesium	6100	F2	22	4.5	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Manganese	400	F2	1.1	0.45	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Nickel	20		1.1	0.45	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Potassium	1300	F1	110	39	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Selenium	ND		5.6	1.7	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Sodium	88	J	110	45	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Vanadium	16		1.1	0.48	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1
Zinc	71	F1 F2	2.2	0.90	mg/Kg	☼	03/10/26 10:46	03/10/26 17:41	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	J	0.071	0.024	mg/Kg	☼	03/11/26 13:07	03/11/26 18:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.4		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	82.6		0.1	0.1	%			03/09/26 10:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV108-0.5-1
Lab Sample ID: 180-202499-3
Date Collected: 03/04/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 82.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		14	4.1	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Benzene	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Bromoform	ND		6.8	3.4	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Bromomethane	ND		3.4	0.68	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
2-Butanone (MEK)	ND		6.8	1.4	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Carbon disulfide	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Carbon tetrachloride	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Chlorobenzene	ND		3.4	0.61	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Chlorobromomethane	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Chlorodibromomethane	ND		3.4	0.34	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Chloroethane	ND		3.4	0.68	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Chloroform	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Chloromethane	ND		3.4	0.68	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
cis-1,2-Dichloroethene	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
cis-1,3-Dichloropropene	ND		3.4	0.41	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Cyclohexane	ND		3.4	0.61	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,2-Dibromo-3-Chloropropane	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,2-Dibromoethane	ND		3.4	0.48	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,2-Dichlorobenzene	ND		3.4	0.61	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,3-Dichlorobenzene	ND		3.4	0.68	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,4-Dichlorobenzene	ND		3.4	0.61	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Dichlorobromomethane	ND		3.4	0.48	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Dichlorodifluoromethane	ND		3.4	0.68	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,1-Dichloroethane	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,2-Dichloroethane	ND		3.4	0.41	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,1-Dichloroethene	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,2-Dichloroethene, Total	ND		6.8	0.68	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,2-Dichloropropane	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,4-Dioxane	ND		170	25	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Ethylbenzene	ND		3.4	0.68	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
2-Hexanone	ND		6.8	1.7	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Isopropylbenzene	ND		3.4	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Methyl acetate	**1.5**	**J**	3.4	0.68	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Methylcyclohexane	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Methylene Chloride	ND		3.4	1.4	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
4-Methyl-2-pentanone (MIBK)	ND		6.8	1.4	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Methyl tert-butyl ether	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
m-Xylene & p-Xylene	ND		3.4	1.4	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
o-Xylene	ND		3.4	0.68	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Styrene	ND		3.4	0.61	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,1,2,2-Tetrachloroethane	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Tetrachloroethene	ND		3.4	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Toluene	ND		3.4	0.68	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
trans-1,2-Dichloroethene	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
trans-1,3-Dichloropropene	ND		3.4	0.41	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,2,3-Trichlorobenzene	ND		6.8	3.4	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,2,4-Trichlorobenzene	ND		6.8	3.4	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,1,1-Trichloroethane	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,1,2-Trichloroethane	ND		3.4	0.48	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV108-0.5-1
Lab Sample ID: 180-202499-3
Date Collected: 03/04/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 82.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Trichlorofluoromethane	ND		3.4	0.68	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.8	0.61	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Vinyl chloride	ND		3.4	0.54	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1
Xylenes, Total	ND		6.8	0.48	ug/Kg	☼	03/05/26 12:15	03/16/26 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*50 - 131*	*03/05/26 12:15*	*03/16/26 02:50*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*03/05/26 12:15*	*03/16/26 02:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*54 - 135*	*03/05/26 12:15*	*03/16/26 02:50*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*03/05/26 12:15*	*03/16/26 02:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.1		1.0	1.0	%			03/10/26 07:41	1

Client Sample ID: SSHS-IRM5A2-SCV109-0-0.17
Lab Sample ID: 180-202499-4
Date Collected: 03/04/26 08:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		80	23	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Acenaphthylene	ND		80	17	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Acetophenone	ND		800	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Anthracene	ND		80	21	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Atrazine	ND		800	170	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Benzaldehyde	ND		800	49	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Benzo[a]anthracene	ND		80	36	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Benzo[a]pyrene	ND		80	35	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Benzo[b]fluoranthene	**32**	**J**	80	20	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Benzo[g,h,i]perylene	ND		80	17	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Benzo[k]fluoranthene	ND		80	24	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
1,1'-Biphenyl	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Bis(2-chloroethoxy)methane	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Bis(2-chloroethyl)ether	ND		80	25	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Caprolactam	ND		2000	260	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Carbazole	ND		80	19	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2-Chloronaphthalene	ND		80	18	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Chrysene	ND		80	44	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Dibenz(a,h)anthracene	ND		80	51	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Dibenzofuran	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2,4-Dichlorophenol	ND		80	31	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Dimethyl phthalate	ND		800	440	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Di-n-butyl phthalate	ND		3900	830	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
4,6-Dinitro-2-methylphenol	ND		2000	690	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2,4-Dinitrophenol	ND		3900	2500	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2,6-Dinitrotoluene	ND		390	160	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
1,4-Dioxane	ND		800	250	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Fluoranthene	**42**	**J**	80	21	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Fluorene	ND		80	16	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Hexachlorobenzene	ND		80	29	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Hexachlorobutadiene	ND		80	23	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Indeno[1,2,3-cd]pyrene	ND		80	40	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Isophorone	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2-Methylnaphthalene	ND		80	19	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1

Client Sample ID: SSHS-IRM5A2-SCV109-0-0.17
Lab Sample ID: 180-202499-4
Date Collected: 03/04/26 08:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Naphthalene	ND		80	16	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Nitrobenzene	ND		800	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
N-Nitrosodi-n-propylamine	ND		80	27	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2,2'-oxybis[1-chloropropane]	ND		80	30	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Phenanthrene	ND		80	21	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Phenol	ND		390	120	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
Pyrene	**36**	**J**	80	28	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2,3,4,6-Tetrachlorophenol	ND		390	170	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*44 - 105*	*03/05/26 14:04*	*03/09/26 13:01*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*03/05/26 14:04*	*03/09/26 13:01*	*1*
Nitrobenzene-d5 (Surr)	*65*		*46 - 105*	*03/05/26 14:04*	*03/09/26 13:01*	*1*
Phenol-d5 (Surr)	*68*		*46 - 105*	*03/05/26 14:04*	*03/09/26 13:01*	*1*
Terphenyl-d14 (Surr)	*77*		*39 - 105*	*03/05/26 14:04*	*03/09/26 13:01*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*34 - 108*	*03/05/26 14:04*	*03/09/26 13:01*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	03/05/26 14:19	03/09/26 11:25	1
PCB-1221	ND		20	7.0	ug/Kg	☼	03/05/26 14:19	03/09/26 11:25	1
PCB-1232	ND		20	4.8	ug/Kg	☼	03/05/26 14:19	03/09/26 11:25	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/05/26 14:19	03/09/26 11:25	1
PCB-1248	ND		20	4.8	ug/Kg	☼	03/05/26 14:19	03/09/26 11:25	1
PCB-1254	ND		20	6.0	ug/Kg	☼	03/05/26 14:19	03/09/26 11:25	1
PCB-1260	ND		20	5.7	ug/Kg	☼	03/05/26 14:19	03/09/26 11:25	1
PCB-1262	ND		20	7.0	ug/Kg	☼	03/05/26 14:19	03/09/26 11:25	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/05/26 14:19	03/09/26 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*26 - 142*	*03/05/26 14:19*	*03/09/26 11:25*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*26 - 142*	*03/05/26 14:19*	*03/09/26 11:25*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/05/26 14:19*	*03/09/26 11:25*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/05/26 14:19*	*03/09/26 11:25*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington - NAF-SCV

Job ID: 180-202499-1

Client Sample ID: SSHS-IRM5A2-SCV109-0-0.17
Date Collected: 03/04/26 08:30
Date Received: 03/05/26 09:30

Lab Sample ID: 180-202499-4
Matrix: Solid
Percent Solids: 81.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.20	0.059	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorooctanesulfonic acid (PFOS)	**0.27**		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1

Client Sample ID: SSHS-IRM5A2-SCV109-0-0.17
Lab Sample ID: 180-202499-4
Date Collected: 03/04/26 08:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 06:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*83.6*		*8 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C5-PFPeA	*86.4*		*35 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C5-PFHxA	*87.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C4-PFHpA	*86.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C8-PFOA	*85.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C9-PFNA	*85.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C6-PFDA	*86.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C7-PFUnA	*92.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C2 PFDoA	*91.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C2-PFTeDA	*77.8*		*20 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C3-PFBS	*79.1*		*40 - 135*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C3-PFHxS	*79.3*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C8-PFOS	*89.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C8-PFOSA	*106*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
d3-NMeFOSAA	*83.1*		*40 - 135*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
d5-NEtFOSAA	*105*		*40 - 150*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C2 4:2 FTS	*234*	*5+	*40 - 165*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C2 6:2 FTS	*134*		*40 - 215*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C2 8:2 FTS	*146*		*40 - 275*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
13C3-HFPO-DA	*78.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
D7-NMeFOSE	*57.4*		*20 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
D9-NEtFOSE	*49.8*		*15 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
d5-NEtPFOSA	*65.1*		*10 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*
d3-NMePFOSA	*72.7*		*10 - 130*	*03/10/26 14:32*	*03/12/26 06:23*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		35	10	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Antimony	ND		5.8	2.0	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Arsenic	**5.6**	**J**	5.8	1.6	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Barium	**62**		0.58	0.17	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Beryllium	**0.50**	**J**	0.58	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Cadmium	ND		0.58	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Calcium	**25000**		58	24	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Chromium	**14**		1.7	0.70	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Cobalt	**8.0**		0.58	0.17	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Copper	**21**		2.3	0.89	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Iron	**20000**		23	9.3	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Lead	**15**		1.7	0.70	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Magnesium	**6000**		23	4.6	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Manganese	**380**		1.2	0.46	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Nickel	**20**		1.2	0.46	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV109-0-0.17
Lab Sample ID: 180-202499-4
Date Collected: 03/04/26 08:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1300		120	41	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Silver	ND		1.2	0.46	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Sodium	69	J	120	46	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Vanadium	16		1.2	0.50	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1
Zinc	69		2.3	0.93	mg/Kg	☼	03/10/26 10:46	03/10/26 18:19	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	J	0.069	0.023	mg/Kg	☼	03/11/26 13:07	03/11/26 18:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	18.6		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	81.4		0.1	0.1	%			03/09/26 10:59	1

Client Sample ID: SSHS-IRM5A2-SCV109-0.17-1
Lab Sample ID: 180-202499-5
Date Collected: 03/04/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 80.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		83	24	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Acenaphthylene	ND		83	18	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Acetophenone	ND		830	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Anthracene	**27**	**J**	83	21	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Atrazine	ND		830	180	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Benzaldehyde	ND		830	51	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Benzo[a]anthracene	**140**		83	37	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Benzo[a]pyrene	**130**		83	36	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Benzo[b]fluoranthene	**160**		83	20	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Benzo[g,h,i]perylene	**87**		83	18	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Benzo[k]fluoranthene	**89**		83	25	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
1,1'-Biphenyl	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Bis(2-chloroethoxy)methane	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Bis(2-chloroethyl)ether	ND		83	25	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Bis(2-ethylhexyl) phthalate	ND		4100	440	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
4-Bromophenyl phenyl ether	ND		410	170	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Butyl benzyl phthalate	ND		2100	280	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Caprolactam	ND		2100	270	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Carbazole	ND		83	19	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
4-Chloroaniline	ND		410	110	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
4-Chloro-3-methylphenol	ND		410	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2-Chloronaphthalene	ND		83	19	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2-Chlorophenol	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
4-Chlorophenyl phenyl ether	ND		410	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Chrysene	**160**		83	46	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Dibenz(a,h)anthracene	ND		83	53	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Dibenzofuran	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
3,3'-Dichlorobenzidine	ND		410	380	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2,4-Dichlorophenol	ND		83	32	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Diethyl phthalate	ND		410	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2,4-Dimethylphenol	ND		410	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Dimethyl phthalate	ND		830	450	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Di-n-butyl phthalate	ND		4100	850	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
4,6-Dinitro-2-methylphenol	ND		2100	710	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2,4-Dinitrophenol	ND		4100	2600	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2,4-Dinitrotoluene	ND		410	250	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2,6-Dinitrotoluene	ND		410	160	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Di-n-octyl phthalate	ND		410	240	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
1,4-Dioxane	ND		830	260	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Fluoranthene	**290**		83	22	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Fluorene	ND		83	16	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Hexachlorobenzene	ND		83	29	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Hexachlorobutadiene	ND		83	24	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Hexachlorocyclopentadiene	ND		410	110	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Hexachloroethane	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Indeno[1,2,3-cd]pyrene	**78**	**J**	83	41	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Isophorone	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2-Methylnaphthalene	ND		83	20	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2-Methylphenol	ND		410	120	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1

Client Sample ID: SSHS-IRM5A2-SCV109-0.17-1
Lab Sample ID: 180-202499-5
Date Collected: 03/04/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 80.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		410	120	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Naphthalene	ND		83	16	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Nitrobenzene	ND		830	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2-Nitrophenol	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
N-Nitrosodi-n-propylamine	ND		83	28	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
N-Nitrosodiphenylamine	ND		410	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2,2'-oxybis[1-chloropropane]	ND		83	30	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Pentachlorophenol	ND		2100	660	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Phenanthrene	**140**		83	22	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Phenol	ND		410	120	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
Pyrene	**240**		83	29	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
1,2,4,5-Tetrachlorobenzene	ND		410	160	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2,3,4,6-Tetrachlorophenol	ND		410	170	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2,4,5-Trichlorophenol	ND		410	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1
2,4,6-Trichlorophenol	ND		410	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*03/05/26 14:04*	*03/09/26 13:22*	*1*
2-Fluorophenol (Surr)	*68*		*48 - 105*	*03/05/26 14:04*	*03/09/26 13:22*	*1*
Nitrobenzene-d5 (Surr)	*62*		*46 - 105*	*03/05/26 14:04*	*03/09/26 13:22*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*03/05/26 14:04*	*03/09/26 13:22*	*1*
Terphenyl-d14 (Surr)	*75*		*39 - 105*	*03/05/26 14:04*	*03/09/26 13:22*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*34 - 108*	*03/05/26 14:04*	*03/09/26 13:22*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.7	ug/Kg	☼	03/05/26 14:19	03/09/26 11:43	1
PCB-1221	ND		21	7.3	ug/Kg	☼	03/05/26 14:19	03/09/26 11:43	1
PCB-1232	ND		21	5.0	ug/Kg	☼	03/05/26 14:19	03/09/26 11:43	1
PCB-1242	ND		21	3.0	ug/Kg	☼	03/05/26 14:19	03/09/26 11:43	1
PCB-1248	ND		21	4.9	ug/Kg	☼	03/05/26 14:19	03/09/26 11:43	1
PCB-1254	ND		21	6.2	ug/Kg	☼	03/05/26 14:19	03/09/26 11:43	1
PCB-1260	ND		21	5.8	ug/Kg	☼	03/05/26 14:19	03/09/26 11:43	1
PCB-1262	ND		21	7.2	ug/Kg	☼	03/05/26 14:19	03/09/26 11:43	1
PCB-1268	ND		21	2.8	ug/Kg	☼	03/05/26 14:19	03/09/26 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*26 - 142*	*03/05/26 14:19*	*03/09/26 11:43*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/05/26 14:19*	*03/09/26 11:43*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/05/26 14:19*	*03/09/26 11:43*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/05/26 14:19*	*03/09/26 11:43*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		35	10	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Antimony	ND		5.8	2.0	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV109-0.17-1
Lab Sample ID: 180-202499-5
Date Collected: 03/04/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 80.0

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		5.8	1.6	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Barium	84		0.58	0.17	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Beryllium	0.56	J	0.58	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Cadmium	ND		0.58	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Calcium	22000		58	24	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Chromium	16		1.7	0.69	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Cobalt	9.9		0.58	0.17	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Copper	24		2.3	0.89	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Iron	23000		23	9.3	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Lead	22		1.7	0.69	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Magnesium	5800		23	4.6	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Manganese	550		1.2	0.46	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Nickel	22		1.2	0.46	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Potassium	1500		120	41	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Silver	ND		1.2	0.46	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Sodium	81	J	120	46	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Vanadium	19		1.2	0.50	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1
Zinc	81		2.3	0.93	mg/Kg	☼	03/10/26 10:46	03/10/26 18:22	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038	J	0.071	0.024	mg/Kg	☼	03/11/26 13:07	03/11/26 18:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	20.0		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	80.0		0.1	0.1	%			03/09/26 10:59	1

Client Sample ID: SSHS-IRM5A2-SCV109-0.5-1
Lab Sample ID: 180-202499-6
Date Collected: 03/04/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.8

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**17**	**J**	20	6.1	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Benzene	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Bromoform	ND		10	5.1	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Bromomethane	ND		5.1	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Carbon disulfide	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Carbon tetrachloride	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Chlorobenzene	ND		5.1	0.91	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Chlorobromomethane	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Chlorodibromomethane	ND		5.1	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Chloroform	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Chloromethane	ND		5.1	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
cis-1,2-Dichloroethene	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
cis-1,3-Dichloropropene	ND		5.1	0.61	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Cyclohexane	ND		5.1	0.91	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,2-Dibromo-3-Chloropropane	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,2-Dibromoethane	ND		5.1	0.71	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,2-Dichlorobenzene	ND		5.1	0.91	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,3-Dichlorobenzene	ND		5.1	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,4-Dichlorobenzene	ND		5.1	0.91	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Dichlorobromomethane	ND		5.1	0.71	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Dichlorodifluoromethane	ND		5.1	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,1-Dichloroethane	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,2-Dichloroethane	ND		5.1	0.61	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,1-Dichloroethene	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,2-Dichloropropane	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,4-Dioxane	ND		250	37	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Ethylbenzene	ND		5.1	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
2-Hexanone	ND		10	2.5	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Isopropylbenzene	ND		5.1	1.5	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Methyl acetate	**9.0**		5.1	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Methylcyclohexane	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Methylene Chloride	**3.3**	**J**	5.1	2.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Methyl tert-butyl ether	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
m-Xylene & p-Xylene	ND		5.1	2.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
o-Xylene	ND		5.1	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Styrene	ND		5.1	0.91	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,1,2,2-Tetrachloroethane	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Tetrachloroethene	ND		5.1	1.5	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Toluene	ND		5.1	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
trans-1,2-Dichloroethene	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
trans-1,3-Dichloropropene	ND		5.1	0.61	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,2,3-Trichlorobenzene	ND		10	5.1	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,2,4-Trichlorobenzene	ND		10	5.1	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,1,1-Trichloroethane	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,1,2-Trichloroethane	ND		5.1	0.71	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV109-0.5-1
Lab Sample ID: 180-202499-6
Date Collected: 03/04/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.8

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Trichlorofluoromethane	ND		5.1	1.0	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.91	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Vinyl chloride	ND		5.1	0.81	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1
Xylenes, Total	ND		10	0.71	ug/Kg	☼	03/05/26 12:15	03/16/26 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*03/05/26 12:15*	*03/16/26 03:12*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*03/05/26 12:15*	*03/16/26 03:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*54 - 135*	*03/05/26 12:15*	*03/16/26 03:12*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*03/05/26 12:15*	*03/16/26 03:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.2**		1.0	1.0	%			03/10/26 07:41	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV112-0-0.17
Lab Sample ID: 180-202499-7
Date Collected: 03/04/26 08:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Acenaphthylene	ND		76	17	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Acetophenone	ND		760	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Anthracene	ND		76	20	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Atrazine	ND		760	170	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Benzo[a]anthracene	**34**	**J**	76	34	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Benzo[a]pyrene	**37**	**J**	76	33	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Benzo[b]fluoranthene	**49**	**J**	76	19	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Benzo[g,h,i]perylene	**28**	**J**	76	16	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Benzo[k]fluoranthene	ND		76	23	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Carbazole	ND		76	18	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Chrysene	**42**	**J**	76	42	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Di-n-butyl phthalate	ND		3700	790	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2,4-Dinitrotoluene	ND		370	230	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Fluoranthene	**68**	**J**	76	20	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Fluorene	ND		76	15	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Indeno[1,2,3-cd]pyrene	ND		76	38	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1

Client Sample ID: SSHS-IRM5A2-SCV112-0-0.17
Lab Sample ID: 180-202499-7
Date Collected: 03/04/26 08:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Naphthalene	ND		76	15	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Phenanthrene	**30**	**J**	76	20	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
Pyrene	**60**	**J**	76	27	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 14:04	03/09/26 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*44 - 105*	*03/05/26 14:04*	*03/09/26 13:43*	*1*
2-Fluorophenol (Surr)	*74*		*48 - 105*	*03/05/26 14:04*	*03/09/26 13:43*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*03/05/26 14:04*	*03/09/26 13:43*	*1*
Phenol-d5 (Surr)	*72*		*46 - 105*	*03/05/26 14:04*	*03/09/26 13:43*	*1*
Terphenyl-d14 (Surr)	*81*		*39 - 105*	*03/05/26 14:04*	*03/09/26 13:43*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*34 - 108*	*03/05/26 14:04*	*03/09/26 13:43*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 14:19	03/09/26 12:01	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/05/26 14:19	03/09/26 12:01	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 14:19	03/09/26 12:01	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 14:19	03/09/26 12:01	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 14:19	03/09/26 12:01	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 14:19	03/09/26 12:01	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 14:19	03/09/26 12:01	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/05/26 14:19	03/09/26 12:01	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 14:19	03/09/26 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*26 - 142*	*03/05/26 14:19*	*03/09/26 12:01*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*26 - 142*	*03/05/26 14:19*	*03/09/26 12:01*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/05/26 14:19*	*03/09/26 12:01*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/05/26 14:19*	*03/09/26 12:01*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		32	9.6	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Antimony	ND		5.3	1.8	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV112-0-0.17
Lab Sample ID: 180-202499-7
Date Collected: 03/04/26 08:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.8

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		5.3	1.5	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Barium	58		0.53	0.16	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Beryllium	0.48	J	0.53	0.11	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Cadmium	ND		0.53	0.11	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Calcium	23000		53	22	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Chromium	13		1.6	0.64	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Cobalt	7.6		0.53	0.16	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Copper	21		2.1	0.82	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Iron	20000		21	8.5	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Lead	13		1.6	0.64	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Magnesium	5600		21	4.3	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Manganese	360		1.1	0.43	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Nickel	19		1.1	0.43	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Potassium	1300		110	37	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Selenium	ND		5.3	1.6	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Silver	ND		1.1	0.43	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Sodium	63	J	110	43	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Vanadium	15		1.1	0.46	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1
Zinc	63		2.1	0.85	mg/Kg	☼	03/10/26 10:46	03/10/26 18:26	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	J	0.066	0.022	mg/Kg	☼	03/11/26 13:07	03/11/26 18:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.2		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	86.8		0.1	0.1	%			03/09/26 10:59	1

Client Sample ID: SSHS-IRM5A2-SCV112-0.17-1
Lab Sample ID: 180-202499-8

Date Collected: 03/04/26 08:50
Matrix: Solid

Date Received: 03/05/26 09:30
Percent Solids: 84.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	22	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Acenaphthylene	ND		78	17	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Acetophenone	ND		780	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Anthracene	ND		78	20	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Atrazine	ND		780	170	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Benzaldehyde	ND		780	48	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Benzo[a]anthracene	**61**	**J**	78	35	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Benzo[a]pyrene	**59**	**J**	78	34	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Benzo[b]fluoranthene	**75**	**J**	78	19	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Benzo[g,h,i]perylene	**46**	**J**	78	17	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Benzo[k]fluoranthene	**33**	**J**	78	23	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Bis(2-chloroethyl)ether	ND		78	24	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Bis(2-ethylhexyl) phthalate	ND		3900	410	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Carbazole	ND		78	18	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2-Chlorophenol	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Chrysene	**68**	**J**	78	43	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Dibenz(a,h)anthracene	ND		78	50	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Dibenzofuran	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
3,3'-Dichlorobenzidine	ND		390	360	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Dimethyl phthalate	ND		780	430	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Di-n-butyl phthalate	ND		3900	810	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
1,4-Dioxane	ND		780	240	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Fluoranthene	**130**		78	21	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Fluorene	ND		78	15	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Indeno[1,2,3-cd]pyrene	ND		78	39	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Isophorone	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2-Methylnaphthalene	ND		78	19	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1

Client Sample ID: SSHS-IRM5A2-SCV112-0.17-1
Lab Sample ID: 180-202499-8
Date Collected: 03/04/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	110	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Naphthalene	ND		78	15	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
3-Nitroaniline	ND		2000	99	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Nitrobenzene	ND		780	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2-Nitrophenol	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Phenanthrene	**67**	**J**	78	21	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Phenol	ND		390	120	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
Pyrene	**110**		78	27	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
1,2,4,5-Tetrachlorobenzene	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*03/05/26 14:04*	*03/09/26 14:04*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*03/05/26 14:04*	*03/09/26 14:04*	*1*
Nitrobenzene-d5 (Surr)	*65*		*46 - 105*	*03/05/26 14:04*	*03/09/26 14:04*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*03/05/26 14:04*	*03/09/26 14:04*	*1*
Terphenyl-d14 (Surr)	*76*		*39 - 105*	*03/05/26 14:04*	*03/09/26 14:04*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*34 - 108*	*03/05/26 14:04*	*03/09/26 14:04*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 14:19	03/09/26 12:19	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/05/26 14:19	03/09/26 12:19	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/05/26 14:19	03/09/26 12:19	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 14:19	03/09/26 12:19	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 14:19	03/09/26 12:19	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/05/26 14:19	03/09/26 12:19	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/05/26 14:19	03/09/26 12:19	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/05/26 14:19	03/09/26 12:19	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 14:19	03/09/26 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*26 - 142*	*03/05/26 14:19*	*03/09/26 12:19*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/05/26 14:19*	*03/09/26 12:19*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/05/26 14:19*	*03/09/26 12:19*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/05/26 14:19*	*03/09/26 12:19*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		35	10	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Antimony	ND		5.8	2.0	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV112-0.17-1
Lab Sample ID: 180-202499-8
Date Collected: 03/04/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.3

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7	J	5.8	1.6	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Barium	65		0.58	0.17	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Beryllium	0.39	J	0.58	0.12	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Cadmium	ND		0.58	0.12	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Calcium	26000		58	24	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Chromium	15		1.7	0.70	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Cobalt	7.6		0.58	0.17	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Copper	29		2.3	0.90	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Iron	21000		23	9.3	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Lead	17		1.7	0.70	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Magnesium	8300		23	4.7	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Manganese	390		1.2	0.47	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Nickel	18		1.2	0.47	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Potassium	1300		120	41	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Silver	ND		1.2	0.47	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Sodium	68	J	120	47	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Thallium	1.6	J	3.5	1.5	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Vanadium	16		1.2	0.50	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1
Zinc	70		2.3	0.93	mg/Kg	☼	03/11/26 00:10	03/11/26 19:25	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	J	0.071	0.024	mg/Kg	☼	03/11/26 13:07	03/11/26 18:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	15.7		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	84.3		0.1	0.1	%			03/09/26 10:59	1

Client Sample ID: SSHS-IRM5A2-SCV111-0-0.17
Lab Sample ID: 180-202499-9
Date Collected: 03/04/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Acenaphthylene	ND		79	17	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Acetophenone	ND		790	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Anthracene	ND		79	20	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Atrazine	ND		790	170	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Benzaldehyde	ND		790	49	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Benzo[a]anthracene	ND		79	35	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Benzo[a]pyrene	ND		79	34	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Benzo[b]fluoranthene	**35**	**J**	79	19	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Benzo[g,h,i]perylene	**20**	**J**	79	17	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Benzo[k]fluoranthene	ND		79	24	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Bis(2-chloroethyl)ether	ND		79	24	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Caprolactam	ND		2000	260	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Carbazole	ND		79	18	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Chrysene	ND		79	44	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Dibenz(a,h)anthracene	ND		79	50	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Dibenzofuran	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Dimethyl phthalate	ND		790	440	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Di-n-butyl phthalate	ND		3900	820	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
1,4-Dioxane	ND		790	250	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Fluoranthene	**54**	**J**	79	21	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Fluorene	ND		79	15	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Indeno[1,2,3-cd]pyrene	ND		79	39	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Isophorone	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2-Methylnaphthalene	ND		79	19	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1

Client Sample ID: SSHS-IRM5A2-SCV111-0-0.17
Lab Sample ID: 180-202499-9

Date Collected: 03/04/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Naphthalene	ND		79	15	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Nitrobenzene	ND		790	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Phenanthrene	**23**	**J**	79	21	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Phenol	ND		390	120	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
Pyrene	**45**	**J**	79	28	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*03/05/26 14:04*	*03/09/26 14:25*	*1*
2-Fluorophenol (Surr)	*68*		*48 - 105*	*03/05/26 14:04*	*03/09/26 14:25*	*1*
Nitrobenzene-d5 (Surr)	*63*		*46 - 105*	*03/05/26 14:04*	*03/09/26 14:25*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*03/05/26 14:04*	*03/09/26 14:25*	*1*
Terphenyl-d14 (Surr)	*76*		*39 - 105*	*03/05/26 14:04*	*03/09/26 14:25*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*34 - 108*	*03/05/26 14:04*	*03/09/26 14:25*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	03/05/26 14:19	03/09/26 12:37	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/05/26 14:19	03/09/26 12:37	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/05/26 14:19	03/09/26 12:37	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 14:19	03/09/26 12:37	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 14:19	03/09/26 12:37	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/05/26 14:19	03/09/26 12:37	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/05/26 14:19	03/09/26 12:37	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/05/26 14:19	03/09/26 12:37	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 14:19	03/09/26 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*83*		*26 - 142*	*03/05/26 14:19*	*03/09/26 12:37*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*26 - 142*	*03/05/26 14:19*	*03/09/26 12:37*	*1*
Tetrachloro-m-xylene (Surr)	*98*		*17 - 144*	*03/05/26 14:19*	*03/09/26 12:37*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/05/26 14:19*	*03/09/26 12:37*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		36	11	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Antimony	ND		5.9	2.0	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV111-0-0.17
Lab Sample ID: 180-202499-9
Date Collected: 03/04/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.1

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		5.9	1.7	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Barium	63		0.59	0.18	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Beryllium	0.41	J	0.59	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Cadmium	ND		0.59	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Calcium	29000		59	25	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Chromium	15		1.8	0.71	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Cobalt	8.2		0.59	0.17	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Copper	23		2.4	0.92	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Iron	22000		24	9.5	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Lead	16		1.8	0.71	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Magnesium	6500		24	4.8	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Manganese	410		1.2	0.48	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Nickel	19		1.2	0.48	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Potassium	1200		120	42	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Selenium	ND		5.9	1.8	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Silver	ND		1.2	0.48	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Sodium	91	J	120	48	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Thallium	ND		3.6	1.5	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Vanadium	16		1.2	0.51	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1
Zinc	74		2.4	0.95	mg/Kg	☼	03/10/26 10:46	03/10/26 19:02	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053	J	0.067	0.022	mg/Kg	☼	03/11/26 13:07	03/11/26 18:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	15.9		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	84.1		0.1	0.1	%			03/09/26 10:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV111-0.17-1
Lab Sample ID: 180-202499-10
Date Collected: 03/04/26 09:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Acenaphthylene	ND		74	16	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Acetophenone	ND		740	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Anthracene	ND		74	19	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Atrazine	ND		740	160	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Benzaldehyde	ND		740	46	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Benzo[a]anthracene	**72**	**J**	74	33	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Benzo[a]pyrene	**85**		74	32	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Benzo[b]fluoranthene	**110**		74	18	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Benzo[g,h,i]perylene	**68**	**J**	74	16	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Benzo[k]fluoranthene	**57**	**J**	74	22	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Bis(2-chloroethyl)ether	ND		74	23	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Bis(2-ethylhexyl) phthalate	ND		3700	390	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Butyl benzyl phthalate	ND		1900	250	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Carbazole	ND		74	17	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
4-Chloroaniline	ND		370	97	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Chrysene	**94**		74	41	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2,4-Dichlorophenol	ND		74	29	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2,4-Dimethylphenol	ND		370	120	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Dimethyl phthalate	ND		740	410	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Di-n-butyl phthalate	ND		3700	770	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2,6-Dinitrotoluene	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
1,4-Dioxane	ND		740	230	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Fluoranthene	**170**		74	20	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Fluorene	ND		74	15	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Hexachlorobenzene	ND		74	27	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Indeno[1,2,3-cd]pyrene	**56**	**J**	74	37	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1

Client Sample ID: SSHS-IRM5A2-SCV111-0.17-1
Lab Sample ID: 180-202499-10
Date Collected: 03/04/26 09:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Naphthalene	ND		74	14	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Nitrobenzene	ND		740	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Phenanthrene	**64**	**J**	74	20	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
Pyrene	**140**		74	26	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2,3,4,6-Tetrachlorophenol	ND		370	150	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/05/26 14:04	03/09/26 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*44 - 105*	*03/05/26 14:04*	*03/09/26 14:47*	*1*
2-Fluorophenol (Surr)	*75*		*48 - 105*	*03/05/26 14:04*	*03/09/26 14:47*	*1*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*	*03/05/26 14:04*	*03/09/26 14:47*	*1*
Phenol-d5 (Surr)	*73*		*46 - 105*	*03/05/26 14:04*	*03/09/26 14:47*	*1*
Terphenyl-d14 (Surr)	*83*		*39 - 105*	*03/05/26 14:04*	*03/09/26 14:47*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*34 - 108*	*03/05/26 14:04*	*03/09/26 14:47*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.0	ug/Kg	☼	03/05/26 14:19	03/09/26 13:30	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/05/26 14:19	03/09/26 13:30	1
PCB-1232	ND		19	4.5	ug/Kg	☼	03/05/26 14:19	03/09/26 13:30	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/05/26 14:19	03/09/26 13:30	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 14:19	03/09/26 13:30	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/05/26 14:19	03/09/26 13:30	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/05/26 14:19	03/09/26 13:30	1
PCB-1262	ND		19	6.5	ug/Kg	☼	03/05/26 14:19	03/09/26 13:30	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 14:19	03/09/26 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*26 - 142*	*03/05/26 14:19*	*03/09/26 13:30*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/05/26 14:19*	*03/09/26 13:30*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/05/26 14:19*	*03/09/26 13:30*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/05/26 14:19*	*03/09/26 13:30*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV111-0.17-1
Lab Sample ID: 180-202499-10
Date Collected: 03/04/26 09:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorooctanoic acid (PFOA)	**0.16**	**J**	0.20	0.060	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorooctanesulfonic acid (PFOS)	**0.27**		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1

Client Sample ID: SSHS-IRM5A2-SCV111-0.17-1
Lab Sample ID: 180-202499-10
Date Collected: 03/04/26 09:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*86.5*		*8 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C5-PFPeA	*89.4*		*35 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C5-PFHxA	*84.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C4-PFHpA	*84.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C8-PFOA	*84.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C9-PFNA	*79.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C6-PFDA	*72.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C7-PFUnA	*79.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C2 PFDoA	*84.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C2-PFTeDA	*77.7*		*20 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C3-PFBS	*81.0*		*40 - 135*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C3-PFHxS	*82.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C8-PFOS	*81.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C8-PFOSA	*90.5*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
d3-NMeFOSAA	*68.6*		*40 - 135*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
d5-NEtFOSAA	*83.0*		*40 - 150*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C2 4:2 FTS	*200*	*5+	*40 - 165*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C2 6:2 FTS	*118*		*40 - 215*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C2 8:2 FTS	*107*		*40 - 275*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
13C3-HFPO-DA	*76.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
D7-NMeFOSE	*57.9*		*20 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
D9-NEtFOSE	*51.8*		*15 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
d5-NEtPFOSA	*60.6*		*10 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*
d3-NMePFOSA	*68.5*		*10 - 130*	*03/10/26 14:32*	*03/12/26 06:36*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		33	9.8	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Antimony	ND		5.4	1.8	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Arsenic	**6.3**		5.4	1.5	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Barium	**74**		0.54	0.16	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Beryllium	**0.39**	**J**	0.54	0.11	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Cadmium	ND		0.54	0.11	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Calcium	**18000**		54	23	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Chromium	**15**		1.6	0.65	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Cobalt	**7.6**		0.54	0.16	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Copper	**20**		2.2	0.84	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Iron	**20000**		22	8.7	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Lead	**16**		1.6	0.65	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Magnesium	**5100**		22	4.4	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Manganese	**470**		1.1	0.44	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Nickel	**17**		1.1	0.44	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV111-0.17-1
Lab Sample ID: 180-202499-10
Date Collected: 03/04/26 09:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1200**		110	38	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Selenium	ND		5.4	1.6	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Sodium	**76**	**J**	110	44	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Vanadium	**16**		1.1	0.47	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1
Zinc	**74**		2.2	0.87	mg/Kg	☼	03/11/26 00:10	03/11/26 19:31	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.035**	**J**	0.063	0.021	mg/Kg	☼	03/11/26 13:07	03/11/26 19:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.6**		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	**88.4**		0.1	0.1	%			03/09/26 10:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV111-0.5-1
Lab Sample ID: 180-202499-11
Date Collected: 03/04/26 09:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.8**	**J**	13	3.8	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Benzene	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Bromoform	ND		6.3	3.2	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Bromomethane	ND		3.2	0.63	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
2-Butanone (MEK)	ND		6.3	1.3	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Carbon disulfide	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Carbon tetrachloride	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Chlorobenzene	ND		3.2	0.57	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Chlorobromomethane	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Chlorodibromomethane	ND		3.2	0.32	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Chloroethane	ND		3.2	0.63	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Chloroform	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Chloromethane	ND		3.2	0.63	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
cis-1,2-Dichloroethene	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
cis-1,3-Dichloropropene	ND		3.2	0.38	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Cyclohexane	ND		3.2	0.57	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,2-Dibromo-3-Chloropropane	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,2-Dibromoethane	ND		3.2	0.44	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,2-Dichlorobenzene	ND		3.2	0.57	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,3-Dichlorobenzene	ND		3.2	0.63	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,4-Dichlorobenzene	ND		3.2	0.57	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Dichlorobromomethane	ND		3.2	0.44	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Dichlorodifluoromethane	ND		3.2	0.63	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,1-Dichloroethane	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,2-Dichloroethane	ND		3.2	0.38	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,1-Dichloroethene	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,2-Dichloroethene, Total	ND		6.3	0.63	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,2-Dichloropropane	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,4-Dioxane	ND		160	23	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Ethylbenzene	ND		3.2	0.63	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
2-Hexanone	ND		6.3	1.6	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Isopropylbenzene	ND		3.2	0.95	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Methyl acetate	**2.6**	**J**	3.2	0.63	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Methylcyclohexane	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Methylene Chloride	ND		3.2	1.3	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
4-Methyl-2-pentanone (MIBK)	ND		6.3	1.3	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Methyl tert-butyl ether	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
m-Xylene & p-Xylene	ND		3.2	1.3	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
o-Xylene	ND		3.2	0.63	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Styrene	ND		3.2	0.57	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,1,2,2-Tetrachloroethane	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Tetrachloroethene	ND		3.2	0.95	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Toluene	ND		3.2	0.63	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
trans-1,2-Dichloroethene	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
trans-1,3-Dichloropropene	ND		3.2	0.38	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,2,3-Trichlorobenzene	ND		6.3	3.2	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,2,4-Trichlorobenzene	ND		6.3	3.2	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,1,1-Trichloroethane	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,1,2-Trichloroethane	ND		3.2	0.44	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV111-0.5-1
Lab Sample ID: 180-202499-11
Date Collected: 03/04/26 09:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Trichlorofluoromethane	ND		3.2	0.63	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	0.57	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Vinyl chloride	ND		3.2	0.51	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1
Xylenes, Total	ND		6.3	0.44	ug/Kg	☼	03/05/26 12:15	03/16/26 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*03/05/26 12:15*	*03/16/26 23:13*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*03/05/26 12:15*	*03/16/26 23:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*54 - 135*	*03/05/26 12:15*	*03/16/26 23:13*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*03/05/26 12:15*	*03/16/26 23:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			03/10/26 07:41	1

Client Sample ID: SSHS-IRM5A2-SCV110-0-0.17
Lab Sample ID: 180-202499-12
Date Collected: 03/04/26 09:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		80	23	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Acenaphthylene	ND		80	17	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Acetophenone	ND		800	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Anthracene	ND		80	21	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Atrazine	ND		800	170	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Benzaldehyde	ND		800	50	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Benzo[a]anthracene	**49**	**J**	80	36	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Benzo[a]pyrene	**49**	**J**	80	35	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Benzo[b]fluoranthene	**58**	**J**	80	20	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Benzo[g,h,i]perylene	**34**	**J**	80	17	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Benzo[k]fluoranthene	**35**	**J**	80	24	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Bis(2-chloroethyl)ether	ND		80	25	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Caprolactam	ND		2000	260	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Carbazole	ND		80	19	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
4-Chloroaniline	ND		400	100	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2-Chloronaphthalene	ND		80	18	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Chrysene	**55**	**J**	80	44	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Dibenz(a,h)anthracene	ND		80	51	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Dibenzofuran	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
3,3'-Dichlorobenzidine	ND		400	370	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2,4-Dichlorophenol	ND		80	31	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2,4-Dimethylphenol	ND		400	130	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Dimethyl phthalate	ND		800	440	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Di-n-butyl phthalate	ND		4000	830	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
4,6-Dinitro-2-methylphenol	ND		2000	690	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Di-n-octyl phthalate	ND		400	230	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
1,4-Dioxane	ND		800	250	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Fluoranthene	**110**		80	21	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Fluorene	ND		80	16	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Hexachlorobenzene	ND		80	29	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Hexachlorobutadiene	ND		80	23	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Hexachlorocyclopentadiene	ND		400	110	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Hexachloroethane	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Indeno[1,2,3-cd]pyrene	ND		80	40	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Isophorone	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2-Methylnaphthalene	ND		80	19	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2-Methylphenol	ND		400	110	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1

Client Sample ID: SSHS-IRM5A2-SCV110-0-0.17
Lab Sample ID: 180-202499-12
Date Collected: 03/04/26 09:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Naphthalene	ND		80	16	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Nitrobenzene	ND		800	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
N-Nitrosodi-n-propylamine	ND		80	27	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2,2'-oxybis[1-chloropropane]	ND		80	30	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Phenanthrene	**51**	**J**	80	21	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Phenol	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
Pyrene	**90**		80	28	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	03/05/26 14:04	03/09/26 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*03/05/26 14:04*	*03/09/26 15:08*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*03/05/26 14:04*	*03/09/26 15:08*	*1*
Nitrobenzene-d5 (Surr)	*61*		*46 - 105*	*03/05/26 14:04*	*03/09/26 15:08*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*03/05/26 14:04*	*03/09/26 15:08*	*1*
Terphenyl-d14 (Surr)	*76*		*39 - 105*	*03/05/26 14:04*	*03/09/26 15:08*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*	*03/05/26 14:04*	*03/09/26 15:08*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	03/05/26 14:19	03/09/26 13:48	1
PCB-1221	ND		20	7.0	ug/Kg	☼	03/05/26 14:19	03/09/26 13:48	1
PCB-1232	ND		20	4.8	ug/Kg	☼	03/05/26 14:19	03/09/26 13:48	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/05/26 14:19	03/09/26 13:48	1
PCB-1248	ND		20	4.8	ug/Kg	☼	03/05/26 14:19	03/09/26 13:48	1
PCB-1254	ND		20	6.0	ug/Kg	☼	03/05/26 14:19	03/09/26 13:48	1
PCB-1260	ND		20	5.7	ug/Kg	☼	03/05/26 14:19	03/09/26 13:48	1
PCB-1262	ND		20	7.0	ug/Kg	☼	03/05/26 14:19	03/09/26 13:48	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/05/26 14:19	03/09/26 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/05/26 14:19*	*03/09/26 13:48*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*	*03/05/26 14:19*	*03/09/26 13:48*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*17 - 144*	*03/05/26 14:19*	*03/09/26 13:48*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*	*03/05/26 14:19*	*03/09/26 13:48*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8100**		35	10	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Antimony	ND		5.8	2.0	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV110-0-0.17
Lab Sample ID: 180-202499-12
Date Collected: 03/04/26 09:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.2

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.7	J	5.8	1.6	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Barium	58		0.58	0.17	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Beryllium	0.31	J	0.58	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Cadmium	ND		0.58	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Calcium	12000		58	24	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Chromium	11		1.7	0.69	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Cobalt	5.9		0.58	0.17	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Copper	18		2.3	0.89	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Iron	15000		23	9.2	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Lead	14		1.7	0.69	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Magnesium	4000		23	4.6	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Manganese	300		1.2	0.46	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Nickel	14		1.2	0.46	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Potassium	1200		120	40	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Silver	ND		1.2	0.46	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Sodium	56	J	120	46	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Vanadium	12		1.2	0.50	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1
Zinc	71		2.3	0.92	mg/Kg	☼	03/10/26 10:46	03/10/26 19:05	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045	J	0.072	0.024	mg/Kg	☼	03/11/26 13:07	03/11/26 18:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.8		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	83.2		0.1	0.1	%			03/09/26 10:39	1

Client Sample ID: SSHS-IRM5A2-SCV105-0-0.17
Lab Sample ID: 180-202499-13
Date Collected: 03/04/26 09:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		82	23	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Acenaphthylene	ND		82	18	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Acetophenone	ND		820	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Anthracene	ND		82	21	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Atrazine	ND		820	180	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Benzaldehyde	ND		820	51	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Benzo[a]anthracene	**42**	**J**	82	37	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Benzo[a]pyrene	**40**	**J**	82	35	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Benzo[b]fluoranthene	**55**	**J**	82	20	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Benzo[g,h,i]perylene	**32**	**J**	82	18	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Benzo[k]fluoranthene	ND		82	24	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Bis(2-chloroethyl)ether	ND		82	25	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Butyl benzyl phthalate	ND		2000	280	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Caprolactam	ND		2100	270	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Carbazole	ND		82	19	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2-Chloronaphthalene	ND		82	19	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
4-Chlorophenyl phenyl ether	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Chrysene	ND		82	45	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Dibenz(a,h)anthracene	ND		82	52	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Dibenzofuran	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2,4-Dichlorophenol	ND		82	31	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Dimethyl phthalate	ND		820	450	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Di-n-butyl phthalate	ND		4000	850	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
1,4-Dioxane	ND		820	260	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Fluoranthene	**81**	**J**	82	22	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Fluorene	ND		82	16	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Hexachlorobenzene	ND		82	29	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Hexachlorobutadiene	ND		82	24	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Hexachlorocyclopentadiene	ND		400	110	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Hexachloroethane	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Indeno[1,2,3-cd]pyrene	ND		82	41	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Isophorone	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2-Methylnaphthalene	ND		82	20	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2-Methylphenol	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1

Client Sample ID: SSHS-IRM5A2-SCV105-0-0.17
Lab Sample ID: 180-202499-13
Date Collected: 03/04/26 09:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Naphthalene	ND		82	16	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Nitrobenzene	ND		820	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
N-Nitrosodi-n-propylamine	ND		82	28	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
N-Nitrosodiphenylamine	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2,2'-oxybis[1-chloropropane]	ND		82	30	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Pentachlorophenol	ND		2100	660	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Phenanthrene	**36**	**J**	82	22	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Phenol	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
Pyrene	**72**	**J**	82	29	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1
2,4,6-Trichlorophenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*44 - 105*	*03/05/26 14:04*	*03/09/26 15:29*	*1*
2-Fluorophenol (Surr)	*65*		*48 - 105*	*03/05/26 14:04*	*03/09/26 15:29*	*1*
Nitrobenzene-d5 (Surr)	*61*		*46 - 105*	*03/05/26 14:04*	*03/09/26 15:29*	*1*
Phenol-d5 (Surr)	*63*		*46 - 105*	*03/05/26 14:04*	*03/09/26 15:29*	*1*
Terphenyl-d14 (Surr)	*72*		*39 - 105*	*03/05/26 14:04*	*03/09/26 15:29*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*03/05/26 14:04*	*03/09/26 15:29*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.6	ug/Kg	☼	03/05/26 14:19	03/09/26 14:06	1
PCB-1221	ND		20	7.2	ug/Kg	☼	03/05/26 14:19	03/09/26 14:06	1
PCB-1232	ND		20	4.9	ug/Kg	☼	03/05/26 14:19	03/09/26 14:06	1
PCB-1242	ND		20	3.0	ug/Kg	☼	03/05/26 14:19	03/09/26 14:06	1
PCB-1248	ND		20	4.9	ug/Kg	☼	03/05/26 14:19	03/09/26 14:06	1
PCB-1254	ND		20	6.1	ug/Kg	☼	03/05/26 14:19	03/09/26 14:06	1
PCB-1260	ND		20	5.8	ug/Kg	☼	03/05/26 14:19	03/09/26 14:06	1
PCB-1262	ND		20	7.1	ug/Kg	☼	03/05/26 14:19	03/09/26 14:06	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/05/26 14:19	03/09/26 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*26 - 142*	*03/05/26 14:19*	*03/09/26 14:06*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/05/26 14:19*	*03/09/26 14:06*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*17 - 144*	*03/05/26 14:19*	*03/09/26 14:06*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*	*03/05/26 14:19*	*03/09/26 14:06*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1

Client Sample ID: SSHS-IRM5A2-SCV105-0-0.17
Lab Sample ID: 180-202499-13
Date Collected: 03/04/26 09:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorooctanoic acid (PFOA)	**0.26**		0.20	0.059	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorodecanoic acid (PFDA)	**0.082**	**J**	0.20	0.059	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorooctanesulfonic acid (PFOS)	**0.66**		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1

Client Sample ID: SSHS-IRM5A2-SCV105-0-0.17
Lab Sample ID: 180-202499-13
Date Collected: 03/04/26 09:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.0

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 06:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*92.8*		*8 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C5-PFPeA	*95.0*		*35 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C5-PFHxA	*93.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C4-PFHpA	*99.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C8-PFOA	*92.5*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C9-PFNA	*92.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C6-PFDA	*91.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C7-PFUnA	*93.5*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C2 PFDoA	*94.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C2-PFTeDA	*89.0*		*20 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C3-PFBS	*85.8*		*40 - 135*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C3-PFHxS	*90.5*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C8-PFOS	*92.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C8-PFOSA	*105*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
d3-NMeFOSAA	*86.1*		*40 - 135*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
d5-NEtFOSAA	*113*		*40 - 150*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C2 4:2 FTS	*278*	*5+	*40 - 165*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C2 6:2 FTS	*181*		*40 - 215*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C2 8:2 FTS	*168*		*40 - 275*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
13C3-HFPO-DA	*83.5*		*40 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
D7-NMeFOSE	*68.2*		*20 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
D9-NEtFOSE	*53.5*		*15 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
d5-NEtPFOSA	*71.4*		*10 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*
d3-NMePFOSA	*78.1*		*10 - 130*	*03/10/26 14:32*	*03/12/26 06:50*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9700**		35	10	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Antimony	ND		5.8	2.0	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Arsenic	ND		5.8	1.6	mg/Kg	☼	03/10/26 10:46	03/11/26 08:42	1
Barium	**68**		0.58	0.17	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Beryllium	**0.46**	**J**	0.58	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Cadmium	ND		0.58	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Calcium	**13000**		58	24	mg/Kg	☼	03/10/26 10:46	03/11/26 08:42	1
Chromium	**13**		1.7	0.70	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Cobalt	**6.8**		0.58	0.17	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Copper	**4.2**		2.3	0.90	mg/Kg	☼	03/10/26 10:46	03/11/26 08:42	1
Iron	**17000**		23	9.3	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Lead	**3.9**		1.7	0.70	mg/Kg	☼	03/10/26 10:46	03/11/26 08:42	1
Magnesium	**1600**		23	4.7	mg/Kg	☼	03/10/26 10:46	03/11/26 08:42	1
Manganese	**450**		1.2	0.47	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Nickel	**16**		1.2	0.47	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV105-0-0.17
Lab Sample ID: 180-202499-13
Date Collected: 03/04/26 09:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.0

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	300		120	41	mg/Kg	☼	03/10/26 10:46	03/11/26 08:42	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Silver	ND		1.2	0.47	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Sodium	90	J	120	47	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Vanadium	15		1.2	0.50	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1
Zinc	64		2.3	0.93	mg/Kg	☼	03/10/26 10:46	03/10/26 18:29	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	J	0.071	0.024	mg/Kg	☼	03/11/26 13:07	03/11/26 18:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	19.0		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	81.0		0.1	0.1	%			03/09/26 10:39	1

Client Sample ID: SSHS-IRM5A2-SCV105-0.17-1
Lab Sample ID: 180-202499-14
Date Collected: 03/04/26 09:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 80.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		82	23	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Acenaphthylene	ND		82	18	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Acetophenone	ND		820	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Anthracene	ND		82	21	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Atrazine	ND		820	180	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Benzaldehyde	ND		820	51	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Benzo[a]anthracene	**50**	**J**	82	37	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Benzo[a]pyrene	**47**	**J**	82	35	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Benzo[b]fluoranthene	**69**	**J**	82	20	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Benzo[g,h,i]perylene	**44**	**J**	82	18	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Benzo[k]fluoranthene	**32**	**J**	82	24	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Bis(2-chloroethyl)ether	ND		82	25	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Butyl benzyl phthalate	ND		2000	280	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Caprolactam	ND		2100	270	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Carbazole	ND		82	19	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2-Chloronaphthalene	ND		82	19	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
4-Chlorophenyl phenyl ether	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Chrysene	**57**	**J**	82	45	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Dibenz(a,h)anthracene	ND		82	52	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Dibenzofuran	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
3,3'-Dichlorobenzidine	ND		400	380	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2,4-Dichlorophenol	ND		82	31	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2,4-Dimethylphenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Dimethyl phthalate	ND		820	450	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Di-n-butyl phthalate	ND		4000	850	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
4,6-Dinitro-2-methylphenol	ND		2100	700	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Di-n-octyl phthalate	ND		400	240	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
1,4-Dioxane	ND		820	260	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Fluoranthene	**95**		82	22	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Fluorene	ND		82	16	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Hexachlorobenzene	ND		82	29	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Hexachlorobutadiene	ND		82	24	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Hexachlorocyclopentadiene	ND		400	110	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Hexachloroethane	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Indeno[1,2,3-cd]pyrene	ND		82	41	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Isophorone	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2-Methylnaphthalene	ND		82	20	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2-Methylphenol	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1

Client Sample ID: SSHS-IRM5A2-SCV105-0.17-1
Lab Sample ID: 180-202499-14
Date Collected: 03/04/26 09:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 80.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Naphthalene	ND		82	16	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Nitrobenzene	ND		820	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
N-Nitrosodi-n-propylamine	ND		82	28	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
N-Nitrosodiphenylamine	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2,2'-oxybis[1-chloropropane]	ND		82	30	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Pentachlorophenol	ND		2100	660	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Phenanthrene	**36**	**J**	82	22	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Phenol	ND		400	120	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
Pyrene	**82**		82	29	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1
2,4,6-Trichlorophenol	ND		400	140	ug/Kg	☼	03/05/26 14:04	03/09/26 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*44 - 105*	*03/05/26 14:04*	*03/09/26 15:50*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*03/05/26 14:04*	*03/09/26 15:50*	*1*
Nitrobenzene-d5 (Surr)	*60*		*46 - 105*	*03/05/26 14:04*	*03/09/26 15:50*	*1*
Phenol-d5 (Surr)	*63*		*46 - 105*	*03/05/26 14:04*	*03/09/26 15:50*	*1*
Terphenyl-d14 (Surr)	*71*		*39 - 105*	*03/05/26 14:04*	*03/09/26 15:50*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*34 - 108*	*03/05/26 14:04*	*03/09/26 15:50*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.7	ug/Kg	☼	03/05/26 14:19	03/09/26 14:24	1
PCB-1221	ND		21	7.3	ug/Kg	☼	03/05/26 14:19	03/09/26 14:24	1
PCB-1232	ND		21	5.0	ug/Kg	☼	03/05/26 14:19	03/09/26 14:24	1
PCB-1242	ND		21	3.0	ug/Kg	☼	03/05/26 14:19	03/09/26 14:24	1
PCB-1248	ND		21	5.0	ug/Kg	☼	03/05/26 14:19	03/09/26 14:24	1
PCB-1254	ND		21	6.2	ug/Kg	☼	03/05/26 14:19	03/09/26 14:24	1
PCB-1260	ND		21	5.9	ug/Kg	☼	03/05/26 14:19	03/09/26 14:24	1
PCB-1262	ND		21	7.3	ug/Kg	☼	03/05/26 14:19	03/09/26 14:24	1
PCB-1268	ND		21	2.8	ug/Kg	☼	03/05/26 14:19	03/09/26 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*77*		*26 - 142*	*03/05/26 14:19*	*03/09/26 14:24*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/05/26 14:19*	*03/09/26 14:24*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*17 - 144*	*03/05/26 14:19*	*03/09/26 14:24*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*17 - 144*	*03/05/26 14:19*	*03/09/26 14:24*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		34	10	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Antimony	ND		5.7	1.9	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1

Client Sample ID: SSHS-IRM5A2-SCV105-0.17-1
Lab Sample ID: 180-202499-14
Date Collected: 03/04/26 09:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 80.0

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		5.7	1.6	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Barium	91		0.57	0.17	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Beryllium	0.48	J	0.57	0.11	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Cadmium	ND		0.57	0.11	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Calcium	24000		57	24	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Chromium	20		1.7	0.68	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Cobalt	8.3		0.57	0.17	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Copper	24		2.3	0.88	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Iron	22000		23	9.1	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Lead	22		1.7	0.68	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Magnesium	5000		23	4.5	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Manganese	540		1.1	0.45	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Nickel	19		1.1	0.45	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Potassium	1400		110	40	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Sodium	76	J	110	45	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Vanadium	17		1.1	0.49	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1
Zinc	86		2.3	0.91	mg/Kg	☼	03/11/26 00:10	03/11/26 19:22	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.073	J	0.074	0.025	mg/Kg	☼	03/11/26 13:07	03/11/26 19:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	20.0		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	80.0		0.1	0.1	%			03/09/26 10:39	1

Client Sample ID: SSHS-IRM5A2-SCV106-0-0.17
Lab Sample ID: 180-202499-15
Date Collected: 03/04/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		84	24	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Acenaphthylene	ND		84	18	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Acetophenone	ND		840	150	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Anthracene	ND		84	22	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Atrazine	ND		840	180	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Benzaldehyde	ND		840	52	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Benzo[a]anthracene	**74**	**J**	84	38	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Benzo[a]pyrene	**100**		84	36	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Benzo[b]fluoranthene	**150**		84	21	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Benzo[g,h,i]perylene	**71**	**J**	84	18	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Benzo[k]fluoranthene	**79**	**J**	84	25	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
1,1'-Biphenyl	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Bis(2-chloroethoxy)methane	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Bis(2-chloroethyl)ether	ND		84	26	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Bis(2-ethylhexyl) phthalate	ND		4100	440	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
4-Bromophenyl phenyl ether	ND		410	180	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Butyl benzyl phthalate	ND		2100	290	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Caprolactam	ND		2100	270	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Carbazole	ND		84	20	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
4-Chloroaniline	ND		410	110	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
4-Chloro-3-methylphenol	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2-Chloronaphthalene	ND		84	19	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2-Chlorophenol	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
4-Chlorophenyl phenyl ether	ND		410	140	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Chrysene	**120**		84	46	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Dibenz(a,h)anthracene	ND		84	54	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Dibenzofuran	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
3,3'-Dichlorobenzidine	ND		410	390	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2,4-Dichlorophenol	ND		84	32	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Diethyl phthalate	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2,4-Dimethylphenol	ND		410	140	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Dimethyl phthalate	ND		840	460	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Di-n-butyl phthalate	ND		4100	870	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
4,6-Dinitro-2-methylphenol	ND		2100	720	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2,4-Dinitrophenol	ND		4100	2600	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2,4-Dinitrotoluene	ND		410	250	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2,6-Dinitrotoluene	ND		410	160	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Di-n-octyl phthalate	ND		410	240	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
1,4-Dioxane	ND		840	260	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Fluoranthene	**200**		84	22	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Fluorene	ND		84	16	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Hexachlorobenzene	ND		84	30	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Hexachlorobutadiene	ND		84	24	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Hexachlorocyclopentadiene	ND		410	110	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Hexachloroethane	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Indeno[1,2,3-cd]pyrene	**63**	**J**	84	42	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Isophorone	ND		410	160	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2-Methylnaphthalene	**22**	**J**	84	20	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2-Methylphenol	ND		410	120	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1

Client Sample ID: SSHS-IRM5A2-SCV106-0-0.17
Lab Sample ID: 180-202499-15
Date Collected: 03/04/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		410	120	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Naphthalene	**37**	**J**	84	16	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
3-Nitroaniline	ND		2100	110	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
4-Nitroaniline	ND		2100	160	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Nitrobenzene	ND		840	150	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2-Nitrophenol	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
N-Nitrosodi-n-propylamine	ND		84	28	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
N-Nitrosodiphenylamine	ND		410	140	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2,2'-oxybis[1-chloropropane]	ND		84	31	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Pentachlorophenol	ND		2100	670	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Phenanthrene	**250**		84	22	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Phenol	ND		410	130	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
Pyrene	**180**		84	29	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
1,2,4,5-Tetrachlorobenzene	ND		410	170	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2,3,4,6-Tetrachlorophenol	ND		410	170	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2,4,5-Trichlorophenol	ND		410	150	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1
2,4,6-Trichlorophenol	ND		410	140	ug/Kg	☼	03/05/26 14:04	03/09/26 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*44 - 105*	*03/05/26 14:04*	*03/09/26 16:12*	*1*
2-Fluorophenol (Surr)	*61*		*48 - 105*	*03/05/26 14:04*	*03/09/26 16:12*	*1*
Nitrobenzene-d5 (Surr)	*56*		*46 - 105*	*03/05/26 14:04*	*03/09/26 16:12*	*1*
Phenol-d5 (Surr)	*60*		*46 - 105*	*03/05/26 14:04*	*03/09/26 16:12*	*1*
Terphenyl-d14 (Surr)	*69*		*39 - 105*	*03/05/26 14:04*	*03/09/26 16:12*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*34 - 108*	*03/05/26 14:04*	*03/09/26 16:12*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.8	ug/Kg	☼	03/05/26 14:19	03/09/26 14:42	1
PCB-1221	ND		21	7.4	ug/Kg	☼	03/05/26 14:19	03/09/26 14:42	1
PCB-1232	ND		21	5.1	ug/Kg	☼	03/05/26 14:19	03/09/26 14:42	1
PCB-1242	ND		21	3.1	ug/Kg	☼	03/05/26 14:19	03/09/26 14:42	1
PCB-1248	ND		21	5.0	ug/Kg	☼	03/05/26 14:19	03/09/26 14:42	1
PCB-1254	ND		21	6.3	ug/Kg	☼	03/05/26 14:19	03/09/26 14:42	1
PCB-1260	ND		21	5.9	ug/Kg	☼	03/05/26 14:19	03/09/26 14:42	1
PCB-1262	ND		21	7.3	ug/Kg	☼	03/05/26 14:19	03/09/26 14:42	1
PCB-1268	ND		21	2.8	ug/Kg	☼	03/05/26 14:19	03/09/26 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*26 - 142*	*03/05/26 14:19*	*03/09/26 14:42*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/05/26 14:19*	*03/09/26 14:42*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 144*	*03/05/26 14:19*	*03/09/26 14:42*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*17 - 144*	*03/05/26 14:19*	*03/09/26 14:42*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9300**		36	11	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Antimony	ND		6.0	2.1	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV106-0-0.17
Lab Sample ID: 180-202499-15
Date Collected: 03/04/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.0

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.8	J	6.0	1.7	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Barium	68		0.60	0.18	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Beryllium	0.36	J	0.60	0.12	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Cadmium	ND		0.60	0.12	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Calcium	16000		60	25	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Chromium	14		1.8	0.73	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Cobalt	6.7		0.60	0.18	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Copper	20		2.4	0.93	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Iron	17000		24	9.7	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Lead	17		1.8	0.73	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Magnesium	4600		24	4.8	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Manganese	370		1.2	0.48	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Nickel	15		1.2	0.48	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Potassium	1300		120	42	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Selenium	ND		6.0	1.8	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Silver	ND		1.2	0.48	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Sodium	79	J	120	48	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Thallium	ND		3.6	1.6	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Vanadium	15		1.2	0.52	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1
Zinc	69		2.4	0.97	mg/Kg	☼	03/11/26 00:10	03/11/26 19:28	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052	J	0.073	0.024	mg/Kg	☼	03/11/26 13:07	03/11/26 18:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	22.0		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	78.0		0.1	0.1	%			03/09/26 10:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV106-0.17-1
Lab Sample ID: 180-202499-16
Date Collected: 03/04/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		83	24	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Acenaphthylene	ND		83	18	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Acetophenone	ND		830	150	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Anthracene	ND		83	21	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Atrazine	ND		830	180	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Benzaldehyde	ND		830	51	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Benzo[a]anthracene	**54**	**J**	83	37	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Benzo[a]pyrene	**54**	**J**	83	36	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Benzo[b]fluoranthene	**66**	**J**	83	20	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Benzo[g,h,i]perylene	**45**	**J**	83	18	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Benzo[k]fluoranthene	**31**	**J**	83	25	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
1,1'-Biphenyl	ND		410	150	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Bis(2-chloroethoxy)methane	ND		410	150	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Bis(2-chloroethyl)ether	ND		83	25	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Bis(2-ethylhexyl) phthalate	ND		4100	440	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
4-Bromophenyl phenyl ether	ND		410	180	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Butyl benzyl phthalate	ND		2100	280	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Caprolactam	ND		2100	270	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Carbazole	ND		83	19	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
4-Chloroaniline	ND		410	110	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
4-Chloro-3-methylphenol	ND		410	140	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2-Chloronaphthalene	ND		83	19	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2-Chlorophenol	ND		410	150	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
4-Chlorophenyl phenyl ether	ND		410	140	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Chrysene	**54**	**J**	83	46	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Dibenz(a,h)anthracene	ND		83	53	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Dibenzofuran	ND		410	150	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
3,3'-Dichlorobenzidine	ND		410	380	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2,4-Dichlorophenol	ND		83	32	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Diethyl phthalate	ND		410	140	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2,4-Dimethylphenol	ND		410	140	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Dimethyl phthalate	ND		830	460	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Di-n-butyl phthalate	ND		4100	860	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
4,6-Dinitro-2-methylphenol	ND		2100	710	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2,4-Dinitrophenol	ND		4100	2600	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2,4-Dinitrotoluene	ND		410	250	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2,6-Dinitrotoluene	ND		410	160	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Di-n-octyl phthalate	ND		410	240	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
1,4-Dioxane	ND		830	260	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Fluoranthene	**98**		83	22	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Fluorene	ND		83	16	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Hexachlorobenzene	ND		83	30	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Hexachlorobutadiene	ND		83	24	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Hexachlorocyclopentadiene	ND		410	110	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Hexachloroethane	ND		410	150	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Indeno[1,2,3-cd]pyrene	ND		83	41	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Isophorone	ND		410	150	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2-Methylnaphthalene	ND		83	20	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2-Methylphenol	ND		410	120	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1

Client Sample ID: SSHS-IRM5A2-SCV106-0.17-1
Lab Sample ID: 180-202499-16
Date Collected: 03/04/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		410	120	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Naphthalene	ND		83	16	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2-Nitroaniline	ND		2100	190	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
3-Nitroaniline	ND		2100	100	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
4-Nitroaniline	ND		2100	150	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Nitrobenzene	ND		830	150	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2-Nitrophenol	ND		410	150	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
4-Nitrophenol	ND		2100	290	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
N-Nitrosodi-n-propylamine	ND		83	28	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
N-Nitrosodiphenylamine	ND		410	140	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2,2'-oxybis[1-chloropropane]	ND		83	31	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Pentachlorophenol	ND		2100	660	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Phenanthrene	**46**	**J**	83	22	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Phenol	ND		410	120	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
Pyrene	**87**		83	29	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
1,2,4,5-Tetrachlorobenzene	ND		410	160	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2,3,4,6-Tetrachlorophenol	ND		410	170	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2,4,5-Trichlorophenol	ND		410	140	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1
2,4,6-Trichlorophenol	ND		410	140	ug/Kg	☼	03/05/26 14:16	03/09/26 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*44 - 105*	*03/05/26 14:16*	*03/09/26 16:33*	*1*
2-Fluorophenol (Surr)	*58*		*48 - 105*	*03/05/26 14:16*	*03/09/26 16:33*	*1*
Nitrobenzene-d5 (Surr)	*54*		*46 - 105*	*03/05/26 14:16*	*03/09/26 16:33*	*1*
Phenol-d5 (Surr)	*57*		*46 - 105*	*03/05/26 14:16*	*03/09/26 16:33*	*1*
Terphenyl-d14 (Surr)	*65*		*39 - 105*	*03/05/26 14:16*	*03/09/26 16:33*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*34 - 108*	*03/05/26 14:16*	*03/09/26 16:33*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.9	ug/Kg	☼	03/05/26 14:19	03/09/26 15:00	1
PCB-1221	ND		21	7.5	ug/Kg	☼	03/05/26 14:19	03/09/26 15:00	1
PCB-1232	ND		21	5.2	ug/Kg	☼	03/05/26 14:19	03/09/26 15:00	1
PCB-1242	ND		21	3.1	ug/Kg	☼	03/05/26 14:19	03/09/26 15:00	1
PCB-1248	ND		21	5.1	ug/Kg	☼	03/05/26 14:19	03/09/26 15:00	1
PCB-1254	ND		21	6.3	ug/Kg	☼	03/05/26 14:19	03/09/26 15:00	1
PCB-1260	ND		21	6.0	ug/Kg	☼	03/05/26 14:19	03/09/26 15:00	1
PCB-1262	ND		21	7.4	ug/Kg	☼	03/05/26 14:19	03/09/26 15:00	1
PCB-1268	ND		21	2.8	ug/Kg	☼	03/05/26 14:19	03/09/26 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*26 - 142*	*03/05/26 14:19*	*03/09/26 15:00*	*1*
DCB Decachlorobiphenyl (Surr)	*71*		*26 - 142*	*03/05/26 14:19*	*03/09/26 15:00*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 144*	*03/05/26 14:19*	*03/09/26 15:00*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*17 - 144*	*03/05/26 14:19*	*03/09/26 15:00*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluoropentanoic acid (PFPeA)	**0.12**	**J**	0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV106-0.17-1
Lab Sample ID: 180-202499-16
Date Collected: 03/04/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**0.17**	**J**	0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorooctanoic acid (PFOA)	**0.28**		0.19	0.058	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorodecanoic acid (PFDA)	**0.068**	**J**	0.19	0.058	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorooctanesulfonic acid (PFOS)	**0.59**		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.97	0.49	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.97	0.49	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1

Client Sample ID: SSHS-IRM5A2-SCV106-0.17-1
Lab Sample ID: 180-202499-16
Date Collected: 03/04/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.97	0.49	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.97	0.49	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.097	ng/g	☼	03/10/26 14:32	03/12/26 07:04	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*90.6*		*8 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C5-PFPeA	*97.2*		*35 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C5-PFHxA	*87.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C4-PFHpA	*94.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C8-PFOA	*88.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C9-PFNA	*92.8*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C6-PFDA	*94.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C7-PFUnA	*91.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C2 PFDoA	*93.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C2-PFTeDA	*85.8*		*20 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C3-PFBS	*81.8*		*40 - 135*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C3-PFHxS	*88.8*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C8-PFOS	*91.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C8-PFOSA	*106*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
d3-NMeFOSAA	*104*		*40 - 135*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
d5-NEtFOSAA	*129*		*40 - 150*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C2 4:2 FTS	*297*	*5+	*40 - 165*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C2 6:2 FTS	*215*		*40 - 215*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C2 8:2 FTS	*221*		*40 - 275*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
13C3-HFPO-DA	*78.6*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
D7-NMeFOSE	*54.3*		*20 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
D9-NEtFOSE	*38.4*		*15 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
d5-NEtPFOSA	*71.7*		*10 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*
d3-NMePFOSA	*77.8*		*10 - 130*	*03/10/26 14:32*	*03/12/26 07:04*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		36	11	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Antimony	ND		6.0	2.0	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Arsenic	**5.8**	**J**	6.0	1.7	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Barium	**89**		0.60	0.18	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Beryllium	**0.53**	**J**	0.60	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Cadmium	ND		0.60	0.12	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Calcium	**18000**		60	25	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Chromium	**15**		1.8	0.72	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Cobalt	**8.2**		0.60	0.18	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Copper	**22**		2.4	0.92	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Iron	**20000**		24	9.6	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Lead	**20**		1.8	0.72	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Magnesium	**5400**		24	4.8	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Manganese	**490**		1.2	0.48	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Nickel	**20**		1.2	0.48	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Client Sample ID: SSHS-IRM5A2-SCV106-0.17-1
Lab Sample ID: 180-202499-16
Date Collected: 03/04/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1500		120	42	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Selenium	ND		6.0	1.8	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Silver	ND		1.2	0.48	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Sodium	85	J	120	48	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Thallium	ND		3.6	1.6	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Vanadium	17		1.2	0.52	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1
Zinc	79		2.4	0.96	mg/Kg	☼	03/10/26 10:46	03/10/26 18:33	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.065	J	0.074	0.025	mg/Kg	☼	03/11/26 13:07	03/11/26 18:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	21.4		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	78.6		0.1	0.1	%			03/09/26 10:39	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-783114/7
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/15/26 20:40	1
Benzene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Bromoform	ND		10	5.0	ug/Kg			03/15/26 20:40	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/15/26 20:40	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/15/26 20:40	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
Chloroform	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/15/26 20:40	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/15/26 20:40	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/15/26 20:40	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/15/26 20:40	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/15/26 20:40	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,4-Dioxane	ND		250	37	ug/Kg			03/15/26 20:40	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
2-Hexanone	ND		10	2.5	ug/Kg			03/15/26 20:40	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/15/26 20:40	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/15/26 20:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/15/26 20:40	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/15/26 20:40	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
Styrene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/15/26 20:40	1
Toluene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/15/26 20:40	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/15/26 20:40	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/15/26 20:40	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-783114/7
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/15/26 20:40	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/15/26 20:40	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/15/26 20:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*		*03/15/26 20:40*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 141*		*03/15/26 20:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*54 - 135*		*03/15/26 20:40*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*		*03/15/26 20:40*	*1*

Lab Sample ID: LCS 410-783114/4
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	256		ug/Kg		102	52 - 142
Benzene	20.0	21.5		ug/Kg		108	80 - 120
Bromoform	20.0	18.4		ug/Kg		92	66 - 127
Bromomethane	20.0	19.5		ug/Kg		98	60 - 126
2-Butanone (MEK)	250	241		ug/Kg		97	62 - 132
Carbon disulfide	20.0	18.6		ug/Kg		93	56 - 125
Carbon tetrachloride	20.0	19.1		ug/Kg		95	70 - 120
Chlorobenzene	20.0	21.0		ug/Kg		105	74 - 120
Chlorobromomethane	20.0	20.9		ug/Kg		105	79 - 124
Chlorodibromomethane	20.0	19.9		ug/Kg		99	77 - 125
Chloroethane	20.0	19.7		ug/Kg		98	55 - 127
Chloroform	20.0	20.4		ug/Kg		102	73 - 120
Chloromethane	20.0	16.9		ug/Kg		84	50 - 120
cis-1,2-Dichloroethene	20.0	21.2		ug/Kg		106	80 - 125
cis-1,3-Dichloropropene	20.0	20.1		ug/Kg		101	73 - 120
Cyclohexane	20.0	18.9		ug/Kg		94	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.7		ug/Kg		93	61 - 120
1,2-Dibromoethane	20.0	20.3		ug/Kg		102	76 - 120
1,2-Dichlorobenzene	20.0	20.5		ug/Kg		102	74 - 120
1,3-Dichlorobenzene	20.0	20.8		ug/Kg		104	75 - 120
1,4-Dichlorobenzene	20.0	20.6		ug/Kg		103	76 - 122
Dichlorobromomethane	20.0	20.1		ug/Kg		101	77 - 120
Dichlorodifluoromethane	20.0	13.7		ug/Kg		68	44 - 120
1,1-Dichloroethane	20.0	21.9		ug/Kg		110	76 - 120
1,2-Dichloroethane	20.0	19.6		ug/Kg		98	72 - 124
1,1-Dichloroethene	20.0	21.8		ug/Kg		109	73 - 129
1,2-Dichloroethene, Total	40.0	42.1		ug/Kg		105	74 - 120
1,2-Dichloropropane	20.0	21.9		ug/Kg		109	70 - 124
1,4-Dioxane	500	539		ug/Kg		108	41 - 177
Ethylbenzene	20.0	20.7		ug/Kg		103	72 - 118

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-783114/4
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2-Hexanone			250	246		ug/Kg		98	64 - 140		
Isopropylbenzene			20.0	20.5		ug/Kg		103	77 - 134		
Methyl acetate			20.0	19.8		ug/Kg		99	59 - 137		
Methylcyclohexane			20.0	18.2		ug/Kg		91	61 - 124		
Methylene Chloride			20.0	22.1		ug/Kg		111	76 - 122		
4-Methyl-2-pentanone (MIBK)			250	250		ug/Kg		100	67 - 138		
Methyl tert-butyl ether			20.0	19.5		ug/Kg		98	63 - 120		
m-Xylene & p-Xylene			40.0	41.1		ug/Kg		103	80 - 120		
o-Xylene			20.0	20.5		ug/Kg		103	75 - 120		
Styrene			20.0	20.5		ug/Kg		102	76 - 120		
1,1,2,2-Tetrachloroethane			20.0	21.6		ug/Kg		108	69 - 125		
Tetrachloroethene			20.0	19.4		ug/Kg		97	73 - 120		
Toluene			20.0	20.8		ug/Kg		104	71 - 120		
trans-1,2-Dichloroethene			20.0	20.9		ug/Kg		104	71 - 126		
trans-1,3-Dichloropropene			20.0	21.0		ug/Kg		105	76 - 122		
1,2,3-Trichlorobenzene			20.0	19.1		ug/Kg		95	64 - 123		
1,2,4-Trichlorobenzene			20.0	19.5		ug/Kg		98	69 - 124		
1,1,1-Trichloroethane			20.0	19.4		ug/Kg		97	69 - 123		
1,1,2-Trichloroethane			20.0	21.1		ug/Kg		106	76 - 120		
Trichloroethene			20.0	20.3		ug/Kg		101	72 - 120		
Trichlorofluoromethane			20.0	13.5		ug/Kg		67	58 - 120		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	18.3		ug/Kg		91	53 - 126		
Vinyl chloride			20.0	18.6		ug/Kg		93	52 - 120		
Xylenes, Total			60.0	61.6		ug/Kg		103	75 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*
Dibromofluoromethane (Surr)	*100*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: LCSD 410-783114/5
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			260	253		ug/Kg		97	52 - 142	1	30
Benzene			20.8	21.3		ug/Kg		103	80 - 120	1	30
Bromoform			20.8	18.3		ug/Kg		88	66 - 127	1	30
Bromomethane			20.0	19.0		ug/Kg		95	60 - 126	3	30
2-Butanone (MEK)			260	236		ug/Kg		91	62 - 132	2	30
Carbon disulfide			20.8	18.3		ug/Kg		88	56 - 125	1	30
Carbon tetrachloride			20.8	19.0		ug/Kg		91	70 - 120	1	30
Chlorobenzene			20.8	20.9		ug/Kg		100	74 - 120	1	30
Chlorobromomethane			20.8	20.8		ug/Kg		100	79 - 124	1	30
Chlorodibromomethane			20.8	19.7		ug/Kg		95	77 - 125	1	30
Chloroethane			20.0	19.7		ug/Kg		98	55 - 127	0	30
Chloroform			20.8	20.2		ug/Kg		97	73 - 120	1	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783114/5
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			20.0	17.8		ug/Kg		89	50 - 120	5	30
cis-1,2-Dichloroethene			20.8	21.2		ug/Kg		102	80 - 125	0	30
cis-1,3-Dichloropropene			20.8	19.9		ug/Kg		96	73 - 120	1	30
Cyclohexane			20.8	18.7		ug/Kg		90	58 - 120	1	30
1,2-Dibromo-3-Chloropropane			20.8	18.1		ug/Kg		87	61 - 120	3	30
1,2-Dibromoethane			20.8	20.1		ug/Kg		97	76 - 120	1	30
1,2-Dichlorobenzene			20.8	20.5		ug/Kg		98	74 - 120	0	30
1,3-Dichlorobenzene			20.8	20.5		ug/Kg		99	75 - 120	1	30
1,4-Dichlorobenzene			20.8	20.5		ug/Kg		99	76 - 122	0	30
Dichlorobromomethane			20.8	19.9		ug/Kg		96	77 - 120	1	30
Dichlorodifluoromethane			20.0	13.8		ug/Kg		69	44 - 120	1	30
1,1-Dichloroethane			20.8	22.0		ug/Kg		106	76 - 120	0	30
1,2-Dichloroethane			20.8	19.4		ug/Kg		93	72 - 124	1	30
1,1-Dichloroethene			20.8	21.6		ug/Kg		104	73 - 129	1	30
1,2-Dichloroethene, Total			41.6	41.9		ug/Kg		101	74 - 120	0	30
1,2-Dichloropropane			20.8	21.8		ug/Kg		105	70 - 124	0	30
1,4-Dioxane			520	537		ug/Kg		103	41 - 177	0	30
Ethylbenzene			20.8	20.6		ug/Kg		99	72 - 118	1	30
2-Hexanone			260	241		ug/Kg		93	64 - 140	2	30
Isopropylbenzene			20.8	20.3		ug/Kg		98	77 - 134	1	30
Methyl acetate			20.8	19.6		ug/Kg		94	59 - 137	1	30
Methylcyclohexane			20.8	18.0		ug/Kg		87	61 - 124	1	30
Methylene Chloride			20.8	22.0		ug/Kg		106	76 - 122	1	30
4-Methyl-2-pentanone (MIBK)			260	250		ug/Kg		96	67 - 138	0	30
Methyl tert-butyl ether			20.8	19.3		ug/Kg		93	63 - 120	1	30
m-Xylene & p-Xylene			41.6	40.8		ug/Kg		98	80 - 120	1	30
o-Xylene			20.8	20.5		ug/Kg		98	75 - 120	0	30
Styrene			20.8	20.1		ug/Kg		97	76 - 120	2	30
1,1,2,2-Tetrachloroethane			20.8	20.7		ug/Kg		100	69 - 125	4	30
Tetrachloroethene			20.8	19.3		ug/Kg		93	73 - 120	1	30
Toluene			20.8	20.8		ug/Kg		100	71 - 120	0	30
trans-1,2-Dichloroethene			20.8	20.7		ug/Kg		99	71 - 126	1	30
trans-1,3-Dichloropropene			20.8	20.6		ug/Kg		99	76 - 122	2	30
1,2,3-Trichlorobenzene			20.8	18.9		ug/Kg		91	64 - 123	1	30
1,2,4-Trichlorobenzene			20.8	19.1		ug/Kg		92	69 - 124	2	30
1,1,1-Trichloroethane			20.8	19.2		ug/Kg		92	69 - 123	1	30
1,1,2-Trichloroethane			20.8	20.7		ug/Kg		99	76 - 120	2	30
Trichloroethene			20.8	20.3		ug/Kg		97	72 - 120	0	30
Trichlorofluoromethane			20.0	13.5		ug/Kg		67	58 - 120	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.8	18.2		ug/Kg		87	53 - 126	0	30
Vinyl chloride			20.0	17.5		ug/Kg		87	52 - 120	7	30
Xylenes, Total			62.4	61.3		ug/Kg		98	75 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783114/5
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	102		52 - 141

Lab Sample ID: MB 410-783640/7
Matrix: Solid
Analysis Batch: 783640

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/16/26 21:05	1
Benzene	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
Bromoform	ND		10	5.0	ug/Kg			03/16/26 21:05	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/16/26 21:05	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/16/26 21:05	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/16/26 21:05	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/16/26 21:05	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/16/26 21:05	1
Chloroform	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/16/26 21:05	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/16/26 21:05	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/16/26 21:05	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/16/26 21:05	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/16/26 21:05	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/16/26 21:05	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/16/26 21:05	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/16/26 21:05	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/16/26 21:05	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/16/26 21:05	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/16/26 21:05	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
1,4-Dioxane	ND		250	37	ug/Kg			03/16/26 21:05	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/16/26 21:05	1
2-Hexanone	ND		10	2.5	ug/Kg			03/16/26 21:05	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/16/26 21:05	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/16/26 21:05	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/16/26 21:05	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/16/26 21:05	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/16/26 21:05	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/16/26 21:05	1
Styrene	ND		5.0	0.90	ug/Kg			03/16/26 21:05	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-783640/7
Matrix: Solid
Analysis Batch: 783640

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/16/26 21:05	1
Toluene	ND		5.0	1.0	ug/Kg			03/16/26 21:05	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/16/26 21:05	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/16/26 21:05	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/16/26 21:05	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/16/26 21:05	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/16/26 21:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/16/26 21:05	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/16/26 21:05	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/16/26 21:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*		*03/16/26 21:05*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 141*		*03/16/26 21:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*		*03/16/26 21:05*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*		*03/16/26 21:05*	*1*

Lab Sample ID: LCS 410-783640/4
Matrix: Solid
Analysis Batch: 783640

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	249		ug/Kg		100	52 - 142
Benzene	20.0	20.0		ug/Kg		100	80 - 120
Bromoform	20.0	17.8		ug/Kg		89	66 - 127
Bromomethane	20.0	17.5		ug/Kg		87	60 - 126
2-Butanone (MEK)	250	235		ug/Kg		94	62 - 132
Carbon disulfide	20.0	17.6		ug/Kg		88	56 - 125
Carbon tetrachloride	20.0	17.7		ug/Kg		88	70 - 120
Chlorobenzene	20.0	20.3		ug/Kg		101	74 - 120
Chlorobromomethane	20.0	19.9		ug/Kg		99	79 - 124
Chlorodibromomethane	20.0	19.1		ug/Kg		96	77 - 125
Chloroethane	20.0	18.0		ug/Kg		90	55 - 127
Chloroform	20.0	19.0		ug/Kg		95	73 - 120
Chloromethane	20.0	16.1		ug/Kg		81	50 - 120
cis-1,2-Dichloroethene	20.0	20.0		ug/Kg		100	80 - 125
cis-1,3-Dichloropropene	20.0	19.0		ug/Kg		95	73 - 120
Cyclohexane	20.0	18.1		ug/Kg		91	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	19.5		ug/Kg		98	61 - 120
1,2-Dibromoethane	20.0	20.1		ug/Kg		100	76 - 120
1,2-Dichlorobenzene	20.0	20.4		ug/Kg		102	74 - 120
1,3-Dichlorobenzene	20.0	20.4		ug/Kg		102	75 - 120
1,4-Dichlorobenzene	20.0	20.3		ug/Kg		102	76 - 122
Dichlorobromomethane	20.0	18.8		ug/Kg		94	77 - 120
Dichlorodifluoromethane	20.0	11.9		ug/Kg		59	44 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-783640/4
Matrix: Solid
Analysis Batch: 783640

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	20.6		ug/Kg		103	76 - 120
1,2-Dichloroethane	20.0	18.6		ug/Kg		93	72 - 124
1,1-Dichloroethene	20.0	20.5		ug/Kg		103	73 - 129
1,2-Dichloroethene, Total	40.0	39.5		ug/Kg		99	74 - 120
1,2-Dichloropropane	20.0	20.4		ug/Kg		102	70 - 124
1,4-Dioxane	500	496		ug/Kg		99	41 - 177
Ethylbenzene	20.0	19.9		ug/Kg		100	72 - 118
2-Hexanone	250	263		ug/Kg		105	64 - 140
Isopropylbenzene	20.0	19.8		ug/Kg		99	77 - 134
Methyl acetate	20.0	20.1		ug/Kg		100	59 - 137
Methylcyclohexane	20.0	17.6		ug/Kg		88	61 - 124
Methylene Chloride	20.0	20.6		ug/Kg		103	76 - 122
4-Methyl-2-pentanone (MIBK)	250	261		ug/Kg		104	67 - 138
Methyl tert-butyl ether	20.0	18.8		ug/Kg		94	63 - 120
m-Xylene & p-Xylene	40.0	39.3		ug/Kg		98	80 - 120
o-Xylene	20.0	19.3		ug/Kg		96	75 - 120
Styrene	20.0	19.6		ug/Kg		98	76 - 120
1,1,2,2-Tetrachloroethane	20.0	22.4		ug/Kg		112	69 - 125
Tetrachloroethene	20.0	18.4		ug/Kg		92	73 - 120
Toluene	20.0	20.0		ug/Kg		100	71 - 120
trans-1,2-Dichloroethene	20.0	19.5		ug/Kg		97	71 - 126
trans-1,3-Dichloropropene	20.0	20.0		ug/Kg		100	76 - 122
1,2,3-Trichlorobenzene	20.0	19.0		ug/Kg		95	64 - 123
1,2,4-Trichlorobenzene	20.0	19.1		ug/Kg		96	69 - 124
1,1,1-Trichloroethane	20.0	18.3		ug/Kg		92	69 - 123
1,1,2-Trichloroethane	20.0	20.6		ug/Kg		103	76 - 120
Trichloroethene	20.0	18.9		ug/Kg		94	72 - 120
Trichlorofluoromethane	20.0	12.6		ug/Kg		63	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.4		ug/Kg		87	53 - 126
Vinyl chloride	20.0	16.6		ug/Kg		83	52 - 120
Xylenes, Total	60.0	58.6		ug/Kg		98	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*
Dibromofluoromethane (Surr)	*98*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*
Toluene-d8 (Surr)	*103*		*52 - 141*

Lab Sample ID: LCSD 410-783640/5
Matrix: Solid
Analysis Batch: 783640

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	260	260		ug/Kg		100	52 - 142	4	30
Benzene	20.8	20.1		ug/Kg		97	80 - 120	0	30
Bromoform	20.8	17.9		ug/Kg		86	66 - 127	0	30
Bromomethane	20.0	17.6		ug/Kg		88	60 - 126	0	30
2-Butanone (MEK)	260	241		ug/Kg		93	62 - 132	3	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783640/5
Matrix: Solid
Analysis Batch: 783640

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon disulfide			20.8	17.5		ug/Kg		84	56 - 125	1	30
Carbon tetrachloride			20.8	17.8		ug/Kg		85	70 - 120	1	30
Chlorobenzene			20.8	20.4		ug/Kg		98	74 - 120	1	30
Chlorobromomethane			20.8	19.8		ug/Kg		95	79 - 124	0	30
Chlorodibromomethane			20.8	19.2		ug/Kg		92	77 - 125	0	30
Chloroethane			20.0	18.1		ug/Kg		91	55 - 127	1	30
Chloroform			20.8	19.0		ug/Kg		91	73 - 120	0	30
Chloromethane			20.0	16.3		ug/Kg		82	50 - 120	1	30
cis-1,2-Dichloroethene			20.8	20.1		ug/Kg		97	80 - 125	0	30
cis-1,3-Dichloropropene			20.8	18.6		ug/Kg		90	73 - 120	2	30
Cyclohexane			20.8	18.1		ug/Kg		87	58 - 120	0	30
1,2-Dibromo-3-Chloropropane			20.8	19.0		ug/Kg		91	61 - 120	3	30
1,2-Dibromoethane			20.8	20.0		ug/Kg		96	76 - 120	0	30
1,2-Dichlorobenzene			20.8	20.4		ug/Kg		98	74 - 120	0	30
1,3-Dichlorobenzene			20.8	20.7		ug/Kg		99	75 - 120	1	30
1,4-Dichlorobenzene			20.8	20.5		ug/Kg		99	76 - 122	1	30
Dichlorobromomethane			20.8	18.7		ug/Kg		90	77 - 120	1	30
Dichlorodifluoromethane			20.0	11.6		ug/Kg		58	44 - 120	2	30
1,1-Dichloroethane			20.8	20.7		ug/Kg		100	76 - 120	0	30
1,2-Dichloroethane			20.8	18.5		ug/Kg		89	72 - 124	0	30
1,1-Dichloroethene			20.8	20.7		ug/Kg		100	73 - 129	1	30
1,2-Dichloroethene, Total			41.6	39.5		ug/Kg		95	74 - 120	0	30
1,2-Dichloropropane			20.8	20.3		ug/Kg		98	70 - 124	1	30
1,4-Dioxane			520	514		ug/Kg		99	41 - 177	4	30
Ethylbenzene			20.8	20.2		ug/Kg		97	72 - 118	1	30
2-Hexanone			260	254		ug/Kg		98	64 - 140	4	30
Isopropylbenzene			20.8	20.1		ug/Kg		96	77 - 134	1	30
Methyl acetate			20.8	18.9		ug/Kg		91	59 - 137	6	30
Methylcyclohexane			20.8	17.5		ug/Kg		84	61 - 124	0	30
Methylene Chloride			20.8	20.7		ug/Kg		100	76 - 122	0	30
4-Methyl-2-pentanone (MIBK)			260	249		ug/Kg		96	67 - 138	5	30
Methyl tert-butyl ether			20.8	18.4		ug/Kg		88	63 - 120	2	30
m-Xylene & p-Xylene			41.6	40.0		ug/Kg		96	80 - 120	2	30
o-Xylene			20.8	19.7		ug/Kg		95	75 - 120	2	30
Styrene			20.8	19.9		ug/Kg		96	76 - 120	2	30
1,1,2,2-Tetrachloroethane			20.8	21.9		ug/Kg		105	69 - 125	3	30
Tetrachloroethene			20.8	18.8		ug/Kg		90	73 - 120	2	30
Toluene			20.8	20.5		ug/Kg		99	71 - 120	2	30
trans-1,2-Dichloroethene			20.8	19.4		ug/Kg		93	71 - 126	0	30
trans-1,3-Dichloropropene			20.8	19.9		ug/Kg		95	76 - 122	0	30
1,2,3-Trichlorobenzene			20.8	18.8		ug/Kg		90	64 - 123	1	30
1,2,4-Trichlorobenzene			20.8	19.2		ug/Kg		92	69 - 124	0	30
1,1,1-Trichloroethane			20.8	18.1		ug/Kg		87	69 - 123	1	30
1,1,2-Trichloroethane			20.8	20.7		ug/Kg		99	76 - 120	0	30
Trichloroethene			20.8	18.9		ug/Kg		91	72 - 120	0	30
Trichlorofluoromethane			20.0	12.5		ug/Kg		62	58 - 120	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.8	17.5		ug/Kg		84	53 - 126	0	30
Vinyl chloride			20.0	16.5		ug/Kg		83	52 - 120	1	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783640/5
Matrix: Solid
Analysis Batch: 783640

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total			62.4	59.7		ug/Kg		96	75 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*
Dibromofluoromethane (Surr)	*98*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*
Toluene-d8 (Surr)	*104*		*52 - 141*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-510889/1-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Acenaphthylene	ND		67	15	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Acetophenone	ND		670	120	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Anthracene	ND		67	17	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Atrazine	ND		670	150	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Benzaldehyde	ND		670	41	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Benzo[a]anthracene	ND		67	30	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Benzo[a]pyrene	ND		67	29	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
1,1'-Biphenyl	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Bis(2-chloroethyl)ether	ND		67	21	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Butyl benzyl phthalate	ND		1700	230	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Caprolactam	ND		1700	220	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Carbazole	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
4-Chloroaniline	ND		330	88	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2-Chloronaphthalene	ND		67	15	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2-Chlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Chrysene	ND		67	37	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Dibenzofuran	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2,4-Dichlorophenol	ND		67	26	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Diethyl phthalate	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Dimethyl phthalate	ND		670	370	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Di-n-butyl phthalate	ND		3300	690	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		03/04/26 05:24	03/09/26 09:08	1

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-510889/1-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
1,4-Dioxane	ND		670	210	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Fluoranthene	ND		67	18	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Fluorene	ND		67	13	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Hexachlorobenzene	ND		67	24	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Hexachlorobutadiene	ND		67	20	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Hexachlorocyclopentadiene	ND		330	90	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Hexachloroethane	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Isophorone	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2-Methylnaphthalene	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2-Methylphenol	ND		330	96	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Naphthalene	ND		67	13	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2-Nitroaniline	ND		1700	150	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
3-Nitroaniline	ND		1700	85	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
4-Nitroaniline	ND		1700	120	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Nitrobenzene	ND		670	120	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2-Nitrophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
4-Nitrophenol	ND		1700	230	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Pentachlorophenol	ND		1700	540	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Phenanthrene	ND		67	18	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Phenol	ND		330	100	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
Pyrene	ND		67	24	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:08	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 09:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*44 - 105*	*03/04/26 05:24*	*03/09/26 09:08*	*1*
2-Fluorophenol (Surr)	*79*		*48 - 105*	*03/04/26 05:24*	*03/09/26 09:08*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*03/04/26 05:24*	*03/09/26 09:08*	*1*
Phenol-d5 (Surr)	*76*		*46 - 105*	*03/04/26 05:24*	*03/09/26 09:08*	*1*
Terphenyl-d14 (Surr)	*83*		*39 - 105*	*03/04/26 05:24*	*03/09/26 09:08*	*1*
2,4,6-Tribromophenol (Surr)	*98*		*34 - 108*	*03/04/26 05:24*	*03/09/26 09:08*	*1*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510889/2-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	4940		ug/Kg		74	50 - 100
Acenaphthylene	6670	4900		ug/Kg		74	52 - 100
Acetophenone	6670	4640		ug/Kg		70	48 - 100
Anthracene	6670	5030		ug/Kg		75	53 - 100
Atrazine	6670	5320		ug/Kg		80	49 - 103
Benzaldehyde	6670	3280		ug/Kg		49	23 - 105
Benzo[a]anthracene	6670	4830		ug/Kg		72	51 - 100
Benzo[a]pyrene	6670	4720		ug/Kg		71	51 - 100
Benzo[b]fluoranthene	6670	4380		ug/Kg		66	48 - 100
Benzo[g,h,i]perylene	6670	4880		ug/Kg		73	48 - 105
Benzo[k]fluoranthene	6670	4660		ug/Kg		70	19 - 100
1,1'-Biphenyl	6670	4900		ug/Kg		74	50 - 100
Bis(2-chloroethoxy)methane	6670	3820		ug/Kg		57	49 - 100
Bis(2-chloroethyl)ether	6670	4250		ug/Kg		64	48 - 100
Bis(2-ethylhexyl) phthalate	6670	5190		ug/Kg		78	53 - 107
4-Bromophenyl phenyl ether	6670	5020		ug/Kg		75	52 - 101
Butyl benzyl phthalate	6670	5300		ug/Kg		79	52 - 107
Caprolactam	6670	5180		ug/Kg		78	48 - 111
Carbazole	6670	4910		ug/Kg		74	53 - 100
4-Chloroaniline	6670	4680		ug/Kg		70	47 - 100
4-Chloro-3-methylphenol	6670	4940		ug/Kg		74	49 - 106
2-Chloronaphthalene	6670	4970		ug/Kg		75	51 - 100
2-Chlorophenol	6670	4950		ug/Kg		74	51 - 100
4-Chlorophenyl phenyl ether	6670	4970		ug/Kg		75	52 - 100
Chrysene	6670	4640		ug/Kg		70	50 - 100
Dibenz(a,h)anthracene	6670	4940		ug/Kg		74	50 - 107
Dibenzofuran	6670	5030		ug/Kg		75	52 - 100
3,3'-Dichlorobenzidine	6670	5110		ug/Kg		77	43 - 100
2,4-Dichlorophenol	6670	5370		ug/Kg		81	53 - 101
Diethyl phthalate	6670	4810		ug/Kg		72	48 - 104
2,4-Dimethylphenol	6670	4610		ug/Kg		69	51 - 101
Dimethyl phthalate	6670	4970		ug/Kg		74	53 - 100
Di-n-butyl phthalate	6670	5070		ug/Kg		76	57 - 102
4,6-Dinitro-2-methylphenol	13300	10800		ug/Kg		81	51 - 100
2,4-Dinitrophenol	13300	10200		ug/Kg		77	33 - 101
2,4-Dinitrotoluene	6670	5750		ug/Kg		86	54 - 104
2,6-Dinitrotoluene	6670	4990		ug/Kg		75	51 - 106
Di-n-octyl phthalate	6670	4400		ug/Kg		66	41 - 106
1,4-Dioxane	6670	5080		ug/Kg		76	25 - 125
Fluoranthene	6670	5040		ug/Kg		76	55 - 100
Fluorene	6670	5030		ug/Kg		75	52 - 100
Hexachlorobenzene	6670	5140		ug/Kg		77	49 - 100
Hexachlorobutadiene	6670	4960		ug/Kg		74	38 - 107
Hexachlorocyclopentadiene	6670	2260		ug/Kg		34	33 - 117
Hexachloroethane	6670	4570		ug/Kg		69	47 - 100
Indeno[1,2,3-cd]pyrene	6670	4920		ug/Kg		74	51 - 103
Isophorone	6670	3990		ug/Kg		60	48 - 105
2-Methylnaphthalene	6670	5060		ug/Kg		76	53 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510889/2-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510889

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2-Methylphenol			6670	4810		ug/Kg		72	50 - 101		
Methylphenol, 3 & 4			6670	4980		ug/Kg		75	50 - 103		
Naphthalene			6670	4840		ug/Kg		73	51 - 100		
2-Nitroaniline			6670	4430		ug/Kg		66	42 - 123		
3-Nitroaniline			6670	5300		ug/Kg		79	50 - 103		
4-Nitroaniline			6670	5350		ug/Kg		80	52 - 103		
Nitrobenzene			6670	4430		ug/Kg		67	44 - 108		
2-Nitrophenol			6670	5510		ug/Kg		83	55 - 107		
4-Nitrophenol			13300	8090		ug/Kg		61	30 - 134		
N-Nitrosodi-n-propylamine			6670	4670		ug/Kg		70	45 - 107		
N-Nitrosodiphenylamine			6670	4990		ug/Kg		75	52 - 100		
2,2'-oxybis[1-chloropropane]			6670	4600		ug/Kg		69	30 - 113		
Pentachlorophenol			13300	9410		ug/Kg		71	42 - 110		
Phenanthrene			6670	4910		ug/Kg		74	53 - 100		
Phenol			6670	4430		ug/Kg		66	49 - 100		
Pyrene			6670	4910		ug/Kg		74	52 - 100		
1,2,4,5-Tetrachlorobenzene			6670	5180		ug/Kg		78	41 - 104		
2,3,4,6-Tetrachlorophenol			6670	5570		ug/Kg		84	47 - 104		
2,4,5-Trichlorophenol			6670	5470		ug/Kg		82	50 - 104		
2,4,6-Trichlorophenol			6670	5630		ug/Kg		84	50 - 105		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*44 - 105*
2-Fluorophenol (Surr)	*72*		*48 - 105*
Nitrobenzene-d5 (Surr)	*65*		*46 - 105*
Phenol-d5 (Surr)	*69*		*46 - 105*
Terphenyl-d14 (Surr)	*73*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*92*		*34 - 108*

Lab Sample ID: 180-202499-1 MS
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Prep Type: Total/NA
Prep Batch: 510889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene	ND		8140	6200		ug/Kg	☼	76	50 - 100		
Acenaphthylene	ND		8140	6000		ug/Kg	☼	74	52 - 100		
Acetophenone	ND		8140	5540		ug/Kg	☼	68	48 - 100		
Anthracene	ND		8140	6510		ug/Kg	☼	80	53 - 100		
Atrazine	ND		8140	6460		ug/Kg	☼	79	49 - 103		
Benzaldehyde	ND	F1	8140	798	J F1	ug/Kg	☼	10	23 - 105		
Benzo[a]anthracene	ND		8140	6330		ug/Kg	☼	78	51 - 100		
Benzo[a]pyrene	ND		8140	6440		ug/Kg	☼	79	51 - 100		
Benzo[b]fluoranthene	30	J	8140	6080		ug/Kg	☼	74	48 - 100		
Benzo[g,h,i]perylene	ND		8140	6470		ug/Kg	☼	79	48 - 105		
Benzo[k]fluoranthene	25	J	8140	5950		ug/Kg	☼	73	19 - 100		
1,1'-Biphenyl	ND		8140	6140		ug/Kg	☼	75	50 - 100		
Bis(2-chloroethoxy)methane	ND		8140	4810		ug/Kg	☼	59	49 - 100		
Bis(2-chloroethyl)ether	ND		8140	5080		ug/Kg	☼	62	48 - 100		

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202499-1 MS
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Prep Type: Total/NA
Prep Batch: 510889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	ND		8140	6840		ug/Kg	☼	84	53 - 107
4-Bromophenyl phenyl ether	ND		8140	6490		ug/Kg	☼	80	52 - 101
Butyl benzyl phthalate	ND		8140	7030		ug/Kg	☼	86	52 - 107
Caprolactam	ND		8140	6290		ug/Kg	☼	77	48 - 111
Carbazole	ND		8140	6330		ug/Kg	☼	78	53 - 100
4-Chloroaniline	ND		8140	4620		ug/Kg	☼	57	47 - 100
4-Chloro-3-methylphenol	ND		8140	6210		ug/Kg	☼	76	49 - 106
2-Chloronaphthalene	ND		8140	6230		ug/Kg	☼	77	51 - 100
2-Chlorophenol	ND		8140	6000		ug/Kg	☼	74	51 - 100
4-Chlorophenyl phenyl ether	ND		8140	6210		ug/Kg	☼	76	52 - 100
Chrysene	ND		8140	6190		ug/Kg	☼	76	50 - 100
Dibenz(a,h)anthracene	ND		8140	6600		ug/Kg	☼	81	50 - 107
Dibenzofuran	ND		8140	6190		ug/Kg	☼	76	52 - 100
3,3'-Dichlorobenzidine	ND		8140	5210		ug/Kg	☼	64	43 - 100
2,4-Dichlorophenol	ND		8140	6600		ug/Kg	☼	81	53 - 101
Diethyl phthalate	ND		8140	5830		ug/Kg	☼	72	48 - 104
2,4-Dimethylphenol	ND		8140	5600		ug/Kg	☼	69	51 - 101
Dimethyl phthalate	ND		8140	6050		ug/Kg	☼	74	53 - 100
Di-n-butyl phthalate	ND		8140	6430		ug/Kg	☼	79	57 - 102
4,6-Dinitro-2-methylphenol	ND		16300	13200		ug/Kg	☼	81	51 - 100
2,4-Dinitrophenol	ND		16300	9390		ug/Kg	☼	58	33 - 101
2,4-Dinitrotoluene	ND		8140	6990		ug/Kg	☼	86	54 - 104
2,6-Dinitrotoluene	ND		8140	6170		ug/Kg	☼	76	51 - 106
Di-n-octyl phthalate	ND		8140	5950		ug/Kg	☼	73	41 - 106
1,4-Dioxane	ND		8140	4760		ug/Kg	☼	58	25 - 125
Fluoranthene	44	J	8140	6380		ug/Kg	☼	78	55 - 100
Fluorene	ND		8140	6210		ug/Kg	☼	76	52 - 100
Hexachlorobenzene	ND		8140	6570		ug/Kg	☼	81	49 - 100
Hexachlorobutadiene	ND		8140	6000		ug/Kg	☼	74	38 - 107
Hexachlorocyclopentadiene	ND	F1	8140	2280	F1	ug/Kg	☼	28	33 - 117
Hexachloroethane	ND		8140	5440		ug/Kg	☼	67	47 - 100
Indeno[1,2,3-cd]pyrene	ND		8140	6510		ug/Kg	☼	80	51 - 103
Isophorone	ND		8140	4980		ug/Kg	☼	61	48 - 105
2-Methylnaphthalene	ND		8140	6250		ug/Kg	☼	77	53 - 100
2-Methylphenol	ND		8140	5900		ug/Kg	☼	72	50 - 101
Methylphenol, 3 & 4	ND		8140	6020		ug/Kg	☼	74	50 - 103
Naphthalene	ND		8140	5990		ug/Kg	☼	74	51 - 100
2-Nitroaniline	ND		8140	5350		ug/Kg	☼	66	42 - 123
3-Nitroaniline	ND		8140	5450		ug/Kg	☼	67	50 - 103
4-Nitroaniline	ND		8140	5560		ug/Kg	☼	68	52 - 103
Nitrobenzene	ND		8140	5490		ug/Kg	☼	67	44 - 108
2-Nitrophenol	ND		8140	6820		ug/Kg	☼	84	55 - 107
4-Nitrophenol	ND		16300	9330		ug/Kg	☼	57	30 - 134
N-Nitrosodi-n-propylamine	ND		8140	5640		ug/Kg	☼	69	45 - 107
N-Nitrosodiphenylamine	ND		8140	6620		ug/Kg	☼	81	52 - 100
2,2'-oxybis[1-chloropropane]	ND		8140	5630		ug/Kg	☼	69	30 - 113
Pentachlorophenol	ND		16300	9850		ug/Kg	☼	60	42 - 110
Phenanthrene	ND		8140	6320		ug/Kg	☼	78	53 - 100
Phenol	ND		8140	5380		ug/Kg	☼	66	49 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202499-1 MS
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Prep Type: Total/NA
Prep Batch: 510889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Pyrene	40	J	8140	6610		ug/Kg	☼	81	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		8140	6410		ug/Kg	☼	79	41 - 104
2,3,4,6-Tetrachlorophenol	ND		8140	6190		ug/Kg	☼	76	47 - 104
2,4,5-Trichlorophenol	ND		8140	6580		ug/Kg	☼	81	50 - 104
2,4,6-Trichlorophenol	ND		8140	6640		ug/Kg	☼	81	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*76*		*44 - 105*
2-Fluorophenol (Surr)	*73*		*48 - 105*
Nitrobenzene-d5 (Surr)	*68*		*46 - 105*
Phenol-d5 (Surr)	*71*		*46 - 105*
Terphenyl-d14 (Surr)	*81*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*94*		*34 - 108*

Lab Sample ID: 180-202499-1 MSD
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Prep Type: Total/NA
Prep Batch: 510889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		8140	6350		ug/Kg	☼	78	50 - 100	2	20
Acenaphthylene	ND		8140	6280		ug/Kg	☼	77	52 - 100	5	20
Acetophenone	ND		8140	5550		ug/Kg	☼	68	48 - 100	0	17
Anthracene	ND		8140	6610		ug/Kg	☼	81	53 - 100	2	20
Atrazine	ND		8140	6690		ug/Kg	☼	82	49 - 103	3	19
Benzaldehyde	ND	F1	8140	815	J F1	ug/Kg	☼	10	23 - 105	2	31
Benzo[a]anthracene	ND		8140	6450		ug/Kg	☼	79	51 - 100	2	21
Benzo[a]pyrene	ND		8140	5980		ug/Kg	☼	73	51 - 100	7	20
Benzo[b]fluoranthene	30	J	8140	5700		ug/Kg	☼	70	48 - 100	6	20
Benzo[g,h,i]perylene	ND		8140	6410		ug/Kg	☼	79	48 - 105	1	19
Benzo[k]fluoranthene	25	J	8140	6170		ug/Kg	☼	75	19 - 100	4	20
1,1'-Biphenyl	ND		8140	6340		ug/Kg	☼	78	50 - 100	3	19
Bis(2-chloroethoxy)methane	ND		8140	4830		ug/Kg	☼	59	49 - 100	1	20
Bis(2-chloroethyl)ether	ND		8140	5180		ug/Kg	☼	64	48 - 100	2	18
Bis(2-ethylhexyl) phthalate	ND		8140	6950		ug/Kg	☼	85	53 - 107	2	20
4-Bromophenyl phenyl ether	ND		8140	6640		ug/Kg	☼	82	52 - 101	2	20
Butyl benzyl phthalate	ND		8140	7130		ug/Kg	☼	88	52 - 107	1	19
Caprolactam	ND		8140	6260		ug/Kg	☼	77	48 - 111	1	23
Carbazole	ND		8140	6490		ug/Kg	☼	80	53 - 100	2	20
4-Chloroaniline	ND		8140	4650		ug/Kg	☼	57	47 - 100	1	20
4-Chloro-3-methylphenol	ND		8140	6250		ug/Kg	☼	77	49 - 106	1	20
2-Chloronaphthalene	ND		8140	6330		ug/Kg	☼	78	51 - 100	1	20
2-Chlorophenol	ND		8140	6060		ug/Kg	☼	74	51 - 100	1	17
4-Chlorophenyl phenyl ether	ND		8140	6430		ug/Kg	☼	79	52 - 100	4	19
Chrysene	ND		8140	6190		ug/Kg	☼	76	50 - 100	0	20
Dibenz(a,h)anthracene	ND		8140	6510		ug/Kg	☼	80	50 - 107	1	21
Dibenzofuran	ND		8140	6440		ug/Kg	☼	79	52 - 100	4	19
3,3'-Dichlorobenzidine	ND		8140	5310		ug/Kg	☼	65	43 - 100	2	19
2,4-Dichlorophenol	ND		8140	6610		ug/Kg	☼	81	53 - 101	0	22

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202499-1 MSD
Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510979
Prep Batch: 510889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	ND		8140	6070		ug/Kg	☼	75	48 - 104	4	20
2,4-Dimethylphenol	ND		8140	5670		ug/Kg	☼	70	51 - 101	1	32
Dimethyl phthalate	ND		8140	6350		ug/Kg	☼	78	53 - 100	5	21
Di-n-butyl phthalate	ND		8140	6580		ug/Kg	☼	81	57 - 102	2	20
4,6-Dinitro-2-methylphenol	ND		16300	13500		ug/Kg	☼	83	51 - 100	3	22
2,4-Dinitrophenol	ND		16300	9760		ug/Kg	☼	60	33 - 101	4	20
2,4-Dinitrotoluene	ND		8140	7240		ug/Kg	☼	89	54 - 104	3	20
2,6-Dinitrotoluene	ND		8140	6430		ug/Kg	☼	79	51 - 106	4	20
Di-n-octyl phthalate	ND		8140	5960		ug/Kg	☼	73	41 - 106	0	18
1,4-Dioxane	ND		8140	4830		ug/Kg	☼	59	25 - 125	2	17
Fluoranthene	44	J	8140	6560		ug/Kg	☼	80	55 - 100	3	20
Fluorene	ND		8140	6420		ug/Kg	☼	79	52 - 100	3	19
Hexachlorobenzene	ND		8140	6610		ug/Kg	☼	81	49 - 100	1	20
Hexachlorobutadiene	ND		8140	6120		ug/Kg	☼	75	38 - 107	2	22
Hexachlorocyclopentadiene	ND	F1	8140	2500	F1	ug/Kg	☼	31	33 - 117	9	19
Hexachloroethane	ND		8140	5520		ug/Kg	☼	68	47 - 100	1	17
Indeno[1,2,3-cd]pyrene	ND		8140	6400		ug/Kg	☼	79	51 - 103	2	19
Isophorone	ND		8140	5030		ug/Kg	☼	62	48 - 105	1	20
2-Methylnaphthalene	ND		8140	6310		ug/Kg	☼	78	53 - 100	1	21
2-Methylphenol	ND		8140	5810		ug/Kg	☼	71	50 - 101	1	17
Methylphenol, 3 & 4	ND		8140	6020		ug/Kg	☼	74	50 - 103	0	19
Naphthalene	ND		8140	6100		ug/Kg	☼	75	51 - 100	2	20
2-Nitroaniline	ND		8140	5550		ug/Kg	☼	68	42 - 123	4	19
3-Nitroaniline	ND		8140	5570		ug/Kg	☼	68	50 - 103	2	20
4-Nitroaniline	ND		8140	5740		ug/Kg	☼	70	52 - 103	3	18
Nitrobenzene	ND		8140	5600		ug/Kg	☼	69	44 - 108	2	21
2-Nitrophenol	ND		8140	6970		ug/Kg	☼	86	55 - 107	2	19
4-Nitrophenol	ND		16300	9460		ug/Kg	☼	58	30 - 134	1	18
N-Nitrosodi-n-propylamine	ND		8140	5680		ug/Kg	☼	70	45 - 107	1	18
N-Nitrosodiphenylamine	ND		8140	6550		ug/Kg	☼	80	52 - 100	1	20
2,2'-oxybis[1-chloropropane]	ND		8140	5640		ug/Kg	☼	69	30 - 113	0	17
Pentachlorophenol	ND		16300	9720		ug/Kg	☼	60	42 - 110	1	20
Phenanthrene	ND		8140	6380		ug/Kg	☼	78	53 - 100	1	20
Phenol	ND		8140	5450		ug/Kg	☼	67	49 - 100	1	16
Pyrene	40	J	8140	6640		ug/Kg	☼	81	52 - 100	1	20
1,2,4,5-Tetrachlorobenzene	ND		8140	6720		ug/Kg	☼	83	41 - 104	5	21
2,3,4,6-Tetrachlorophenol	ND		8140	6270		ug/Kg	☼	77	47 - 104	1	18
2,4,5-Trichlorophenol	ND		8140	6890		ug/Kg	☼	85	50 - 104	5	21
2,4,6-Trichlorophenol	ND		8140	6810		ug/Kg	☼	84	50 - 105	3	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*78*		*44 - 105*
2-Fluorophenol (Surr)	*73*		*48 - 105*
Nitrobenzene-d5 (Surr)	*68*		*46 - 105*
Phenol-d5 (Surr)	*72*		*46 - 105*
Terphenyl-d14 (Surr)	*81*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*92*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-510890/1-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510890

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		02/27/26 12:16	03/09/26 09:55	1
PCB-1221	ND		17	5.9	ug/Kg		02/27/26 12:16	03/09/26 09:55	1
PCB-1232	ND		17	4.1	ug/Kg		02/27/26 12:16	03/09/26 09:55	1
PCB-1242	ND		17	2.4	ug/Kg		02/27/26 12:16	03/09/26 09:55	1
PCB-1248	ND		17	4.0	ug/Kg		02/27/26 12:16	03/09/26 09:55	1
PCB-1254	ND		17	5.0	ug/Kg		02/27/26 12:16	03/09/26 09:55	1
PCB-1260	ND		17	4.7	ug/Kg		02/27/26 12:16	03/09/26 09:55	1
PCB-1262	ND		17	5.9	ug/Kg		02/27/26 12:16	03/09/26 09:55	1
PCB-1268	ND		17	2.2	ug/Kg		02/27/26 12:16	03/09/26 09:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*98*		*26 - 142*	*02/27/26 12:16*	*03/09/26 09:55*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*26 - 142*	*02/27/26 12:16*	*03/09/26 09:55*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*17 - 144*	*02/27/26 12:16*	*03/09/26 09:55*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*17 - 144*	*02/27/26 12:16*	*03/09/26 09:55*	*1*

Lab Sample ID: LCS 180-510890/2-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510890

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1080		ug/Kg		81	53 - 115		
PCB-1260			1330	1060		ug/Kg		79	45 - 108		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*91*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*85*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*101*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*98*		*17 - 144*

Lab Sample ID: 180-202499-1 MS
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Prep Type: Total/NA
Prep Batch: 510890

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1610	1350		ug/Kg	☼	83	53 - 115		
PCB-1260	ND		1610	1260		ug/Kg	☼	78	45 - 108		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*88*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*79*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*103*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*100*		*17 - 144*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-202499-1 MSD
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Prep Type: Total/NA
Prep Batch: 510890

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1610	1250		ug/Kg	☼	77	53 - 115	8	25
PCB-1260	ND		1610	1140		ug/Kg	☼	71	45 - 108	10	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*76*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*90*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-780529/1-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780529

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-780529/1-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780529

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*87.1*		*8 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C5-PFPeA	*96.4*		*35 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C5-PFHxA	*90.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C4-PFHpA	*88.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C8-PFOA	*83.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C9-PFNA	*81.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C6-PFDA	*76.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C7-PFUnA	*75.6*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C2 PFDoA	*75.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C2-PFTeDA	*54.9*		*20 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C3-PFBS	*87.6*		*40 - 135*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C3-PFHxS	*83.3*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C8-PFOS	*79.3*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C8-PFOSA	*110*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
d3-NMeFOSAA	*80.2*		*40 - 135*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
d5-NEtFOSAA	*108*		*40 - 150*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C2 4:2 FTS	*126*		*40 - 165*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C2 6:2 FTS	*122*		*40 - 215*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C2 8:2 FTS	*124*		*40 - 275*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C3-HFPO-DA	*83.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
D7-NMeFOSE	*55.0*		*20 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-780529/1-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780529

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
D9-NEtFOSE	42.9		15 - 130	03/10/26 14:32	03/12/26 05:42	1
d5-NEtPFOSA	43.4		10 - 130	03/10/26 14:32	03/12/26 05:42	1
d3-NMePFOSA	54.5		10 - 130	03/10/26 14:32	03/12/26 05:42	1

Lab Sample ID: LCS 410-780529/2-A
Matrix: Solid
Analysis Batch: 781699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.65		ng/g		93	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.37		ng/g		95	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.42		ng/g		97	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.41		ng/g		96	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.35		ng/g		94	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.21		ng/g		89	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.51		ng/g		100	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.04		ng/g		82	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	1.87		ng/g		75	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.21		ng/g		88	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.39		ng/g		96	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.24		ng/g		101	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.28		ng/g		97	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.29		ng/g		101	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.11		ng/g		89	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.10		ng/g		90	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.40		ng/g		100	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.97		ng/g		81	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.38		ng/g		93	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.44		ng/g		93	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.49		ng/g		94	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.28		ng/g		91	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.54		ng/g		101	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.61		ng/g		104	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.32		ng/g		93	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.25		ng/g		90	65 - 165

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-780529/2-A
Matrix: Solid
Analysis Batch: 781699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.8		ng/g		94	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	10.6		ng/g		85	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.96		ng/g		104	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.35		ng/g		99	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.18		ng/g		87	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.58		ng/g		103	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.66		ng/g		107	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.20		ng/g		94	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	2.20		ng/g		93	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	1.98		ng/g		89	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.84		ng/g		97	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	10.2		ng/g		81	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	9.43		ng/g		75	60 - 150
Perfluorodecanesulfonic acid (PFDS)	2.41	1.98		ng/g		82	40 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4-PFBA	*90.5*		*8 - 130*
13C5-PFPeA	*107*		*35 - 130*
13C5-PFHxA	*108*		*40 - 130*
13C4-PFHpA	*108*		*40 - 130*
13C8-PFOA	*85.4*		*40 - 130*
13C9-PFNA	*83.4*		*40 - 130*
13C6-PFDA	*81.1*		*40 - 130*
13C7-PFUnA	*77.9*		*40 - 130*
13C2 PFDoA	*75.6*		*40 - 130*
13C2-PFTeDA	*71.1*		*20 - 130*
13C3-PFBS	*90.8*		*40 - 135*
13C3-PFHxS	*89.6*		*40 - 130*
13C8-PFOS	*88.8*		*40 - 130*
13C8-PFOSA	*78.2*		*40 - 130*
d3-NMeFOSAA	*74.2*		*40 - 135*
d5-NEtFOSAA	*71.4*		*40 - 150*
13C2 4:2 FTS	*97.0*		*40 - 165*
13C2 6:2 FTS	*96.8*		*40 - 215*
13C2 8:2 FTS	*81.4*		*40 - 275*
13C3-HFPO-DA	*106*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-780529/2-A
Matrix: Solid
Analysis Batch: 781699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
D7-NMeFOSE	*55.1*		*20 - 130*
D9-NEtFOSE	*58.6*		*15 - 130*
d5-NEtPFOSA	*67.2*		*10 - 130*
d3-NMePFOSA	*69.8*		*10 - 130*

Lab Sample ID: LLCS 410-780529/3-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.451		ng/g		90	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.222		ng/g		89	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.255		ng/g		102	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.219		ng/g		87	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.227		ng/g		91	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.229		ng/g		92	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.224		ng/g		90	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.221		ng/g		88	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.240		ng/g		96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.225		ng/g		90	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.213		ng/g		85	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.203		ng/g		91	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.205		ng/g		87	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.200		ng/g		88	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.225		ng/g		94	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.210		ng/g		90	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.212		ng/g		88	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.129	J	ng/g		53	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.421		ng/g		90	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.424		ng/g		89	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.470		ng/g		98	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.249		ng/g		100	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.263		ng/g		105	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.239		ng/g		96	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.247		ng/g		99	65 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-780529/3-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.240		ng/g		96	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.17		ng/g		93	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.22		ng/g		98	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.201		ng/g		107	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.233		ng/g		99	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.206		ng/g		82	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.252		ng/g		101	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.249		ng/g		100	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.191	J	ng/g		82	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.169	J	ng/g		72	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.235		ng/g		105	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.556		ng/g		111	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.02		ng/g		81	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	0.752	J	ng/g		60	60 - 150
Perfluorodecanesulfonic acid (PFDS)	0.241	0.201		ng/g		84	40 - 155

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4-PFBA	*92.9*		*8 - 130*
13C5-PFPeA	*95.6*		*35 - 130*
13C5-PFHxA	*91.4*		*40 - 130*
13C4-PFHpA	*93.6*		*40 - 130*
13C8-PFOA	*89.8*		*40 - 130*
13C9-PFNA	*90.4*		*40 - 130*
13C6-PFDA	*91.8*		*40 - 130*
13C7-PFUnA	*97.1*		*40 - 130*
13C2 PFDoA	*96.6*		*40 - 130*
13C2-PFTeDA	*77.7*		*20 - 130*
13C3-PFBS	*93.5*		*40 - 135*
13C3-PFHxS	*92.3*		*40 - 130*
13C8-PFOS	*103*		*40 - 130*
13C8-PFOSA	*114*		*40 - 130*
d3-NMeFOSAA	*83.9*		*40 - 135*
d5-NEtFOSAA	*115*		*40 - 150*
13C2 4:2 FTS	*122*		*40 - 165*
13C2 6:2 FTS	*120*		*40 - 215*
13C2 8:2 FTS	*118*		*40 - 275*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-780529/3-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3-HFPO-DA	*85.6*		*40 - 130*
D7-NMeFOSE	*65.2*		*20 - 130*
D9-NEtFOSE	*45.9*		*15 - 130*
d5-NEtPFOSA	*63.1*		*10 - 130*
d3-NMePFOSA	*69.9*		*10 - 130*

Method: EPA 6010D - Metals (ICP)

Lab Sample ID: MB 410-779948/1-A
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779948

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		30	9.0	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Antimony	ND		5.0	1.7	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Arsenic	ND		5.0	1.4	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Barium	ND		0.50	0.15	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Beryllium	ND		0.50	0.10	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Cadmium	ND		0.50	0.10	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Calcium	ND		50	21	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Chromium	ND		1.5	0.60	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Cobalt	ND		0.50	0.15	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Copper	ND		2.0	0.77	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Iron	ND		20	8.0	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Lead	ND		1.5	0.60	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Magnesium	ND		20	4.0	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Manganese	ND		1.0	0.40	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Nickel	ND		1.0	0.40	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Potassium	ND		100	35	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Selenium	ND		5.0	1.5	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Silver	ND		1.0	0.40	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Sodium	ND		100	40	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Thallium	ND		3.0	1.3	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Vanadium	ND		1.0	0.43	mg/Kg		03/10/26 10:46	03/10/26 18:04	1
Zinc	ND		2.0	0.80	mg/Kg		03/10/26 10:46	03/10/26 18:04	1

Lab Sample ID: LCS 410-779948/2-A
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779948

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	525		mg/Kg		105	88 - 110
Antimony	10.0	9.80		mg/Kg		98	80 - 120
Arsenic	50.0	47.8		mg/Kg		96	87 - 113
Barium	50.0	51.3		mg/Kg		103	90 - 111
Beryllium	5.00	5.25		mg/Kg		105	90 - 113
Cadmium	5.00	5.18		mg/Kg		104	90 - 110
Calcium	500	538		mg/Kg		108	90 - 111
Chromium	50.0	50.2		mg/Kg		100	90 - 113

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-779948/2-A
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779948

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	50.0	51.5		mg/Kg		103	90 - 110
Copper	50.0	51.2		mg/Kg		102	90 - 110
Iron	500	510		mg/Kg		102	89 - 111
Lead	5.00	5.38		mg/Kg		108	85 - 117
Magnesium	500	504		mg/Kg		101	89 - 111
Manganese	50.0	52.8		mg/Kg		106	90 - 111
Nickel	50.0	52.0		mg/Kg		104	90 - 111
Potassium	500	513		mg/Kg		103	88 - 113
Selenium	10.0	9.62		mg/Kg		96	80 - 119
Silver	5.00	4.56		mg/Kg		91	85 - 112
Sodium	500	515		mg/Kg		103	88 - 114
Thallium	10.0	10.3		mg/Kg		103	80 - 120
Vanadium	50.0	52.7		mg/Kg		105	90 - 111
Zinc	50.0	48.2		mg/Kg		96	90 - 110

Lab Sample ID: 180-202499-2 MS
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: SSHS-IRM5A2-SCV108-0.17-1
Prep Type: Total/NA
Prep Batch: 779948

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	11000	F2	561	13000	4	mg/Kg	☼	374	75 - 125
Antimony	ND	F1	11.2	4.99	J F1	mg/Kg	☼	44	75 - 125
Arsenic	5.5	J	56.1	55.5		mg/Kg	☼	89	75 - 125
Barium	66	F1	56.1	165	F1	mg/Kg	☼	177	75 - 125
Beryllium	0.48	J	5.61	5.68		mg/Kg	☼	93	75 - 125
Cadmium	ND		5.61	5.23		mg/Kg	☼	93	75 - 125
Calcium	25000	F2	561	20000	4	mg/Kg	☼	-858	75 - 125
Chromium	14		56.1	63.6		mg/Kg	☼	88	75 - 125
Cobalt	8.1		56.1	58.2		mg/Kg	☼	89	75 - 125
Copper	24		56.1	71.1		mg/Kg	☼	84	75 - 125
Iron	21000	F2	561	16200	4	mg/Kg	☼	-835	75 - 125
Lead	15	F1 F2	5.61	16.1	F1	mg/Kg	☼	22	75 - 125
Magnesium	6100	F2	561	5110	4	mg/Kg	☼	-169	75 - 125
Manganese	400	F2	56.1	379	4	mg/Kg	☼	-32	75 - 125
Nickel	20		56.1	66.9		mg/Kg	☼	84	75 - 125
Potassium	1300	F1	561	2900	F1	mg/Kg	☼	290	75 - 125
Selenium	ND		11.2	10.2		mg/Kg	☼	91	75 - 125
Silver	ND		5.61	4.73		mg/Kg	☼	84	75 - 125
Sodium	88	J	561	643		mg/Kg	☼	99	75 - 125
Thallium	ND		11.2	9.43		mg/Kg	☼	84	75 - 125
Vanadium	16		56.1	71.3		mg/Kg	☼	99	75 - 125
Zinc	71	F1 F2	56.1	103	F1	mg/Kg	☼	57	75 - 125

Lab Sample ID: 180-202499-2 MSD
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: SSHS-IRM5A2-SCV108-0.17-1
Prep Type: Total/NA
Prep Batch: 779948

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	11000	F2	606	17400	4 F2	mg/Kg	☼	1070	75 - 125	29	20

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-202499-2 MSD
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: SSHS-IRM5A2-SCV108-0.17-1
Prep Type: Total/NA
Prep Batch: 779948

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	12.1	4.80	J F1	mg/Kg	☼	40	75 - 125	4	20
Arsenic	5.5	J	60.6	64.4		mg/Kg	☼	97	75 - 125	15	20
Barium	66	F1	60.6	148	F1	mg/Kg	☼	136	75 - 125	11	20
Beryllium	0.48	J	6.06	6.32		mg/Kg	☼	96	75 - 125	11	20
Cadmium	ND		6.06	5.82		mg/Kg	☼	96	75 - 125	11	20
Calcium	25000	F2	606	26200	4 F2	mg/Kg	☼	234	75 - 125	27	20
Chromium	14		60.6	73.4		mg/Kg	☼	97	75 - 125	14	20
Cobalt	8.1		60.6	66.5		mg/Kg	☼	96	75 - 125	13	20
Copper	24		60.6	83.8		mg/Kg	☼	99	75 - 125	16	20
Iron	21000	F2	606	23300	4 F2	mg/Kg	☼	396	75 - 125	36	20
Lead	15	F1 F2	6.06	21.7	F2	mg/Kg	☼	113	75 - 125	30	20
Magnesium	6100	F2	606	6980	4 F2	mg/Kg	☼	152	75 - 125	31	20
Manganese	400	F2	60.6	473	4 F2	mg/Kg	☼	125	75 - 125	22	20
Nickel	20		60.6	79.8		mg/Kg	☼	99	75 - 125	18	20
Potassium	1300	F1	606	3520	F1	mg/Kg	☼	371	75 - 125	19	20
Selenium	ND		12.1	11.3		mg/Kg	☼	93	75 - 125	10	20
Silver	ND		6.06	5.21		mg/Kg	☼	86	75 - 125	10	20
Sodium	88	J	606	722		mg/Kg	☼	105	75 - 125	12	20
Thallium	ND		12.1	10.4		mg/Kg	☼	86	75 - 125	10	20
Vanadium	16		60.6	82.0		mg/Kg	☼	109	75 - 125	14	20
Zinc	71	F1 F2	60.6	132	F2	mg/Kg	☼	100	75 - 125	24	20

Lab Sample ID: 180-202499-2 DU
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: SSHS-IRM5A2-SCV108-0.17-1
Prep Type: Total/NA
Prep Batch: 779948

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	11000	F2	12200		mg/Kg	☼	11	20
Antimony	ND	F1	ND		mg/Kg	☼	NC	20
Arsenic	5.5	J	6.99	F5	mg/Kg	☼	24	20
Barium	66	F1	73.0		mg/Kg	☼	11	20
Beryllium	0.48	J	0.517	J	mg/Kg	☼	7	20
Cadmium	ND		ND		mg/Kg	☼	NC	20
Calcium	25000	F2	22900		mg/Kg	☼	8	20
Chromium	14		15.5		mg/Kg	☼	8	20
Cobalt	8.1		8.66		mg/Kg	☼	7	20
Copper	24		26.0		mg/Kg	☼	8	20
Iron	21000	F2	23300		mg/Kg	☼	11	20
Lead	15	F1 F2	14.8		mg/Kg	☼	0.4	20
Magnesium	6100	F2	6620		mg/Kg	☼	9	20
Manganese	400	F2	432		mg/Kg	☼	8	20
Nickel	20		21.5		mg/Kg	☼	8	20
Potassium	1300	F1	1390		mg/Kg	☼	9	20
Selenium	ND		ND		mg/Kg	☼	NC	20
Silver	ND		ND		mg/Kg	☼	NC	20
Sodium	88	J	92.2	J	mg/Kg	☼	5	20
Thallium	ND		ND		mg/Kg	☼	NC	20
Vanadium	16		17.6		mg/Kg	☼	11	20
Zinc	71	F1 F2	71.3		mg/Kg	☼	0.3	20

Method: EPA 6010D - Metals (ICP)

Lab Sample ID: MB 410-780337/1-A
Matrix: Solid
Analysis Batch: 780724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780337

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		30	9.0	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Antimony	ND		5.0	1.7	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Arsenic	ND		5.0	1.4	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Barium	ND		0.50	0.15	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Beryllium	ND		0.50	0.10	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Cadmium	ND		0.50	0.10	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Calcium	ND		50	21	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Chromium	ND		1.5	0.60	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Cobalt	ND		0.50	0.15	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Copper	ND		2.0	0.77	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Iron	ND		20	8.0	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Lead	ND		1.5	0.60	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Magnesium	ND		20	4.0	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Manganese	ND		1.0	0.40	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Nickel	ND		1.0	0.40	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Potassium	ND		100	35	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Selenium	ND		5.0	1.5	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Silver	ND		1.0	0.40	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Sodium	ND		100	40	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Thallium	ND		3.0	1.3	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Vanadium	ND		1.0	0.43	mg/Kg		03/10/26 10:46	03/10/26 17:42	1
Zinc	ND		2.0	0.80	mg/Kg		03/10/26 10:46	03/10/26 17:42	1

Lab Sample ID: LCS 410-780337/2-A
Matrix: Solid
Analysis Batch: 780724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	462		mg/Kg		92	88 - 110
Antimony	10.0	9.49		mg/Kg		95	80 - 120
Arsenic	50.0	47.6		mg/Kg		95	87 - 113
Barium	50.0	47.9		mg/Kg		96	90 - 111
Beryllium	5.00	4.72		mg/Kg		94	90 - 113
Cadmium	5.00	4.82		mg/Kg		96	90 - 110
Calcium	500	485		mg/Kg		97	90 - 111
Chromium	50.0	49.3		mg/Kg		99	90 - 113
Cobalt	50.0	48.8		mg/Kg		98	90 - 110
Copper	50.0	47.5		mg/Kg		95	90 - 110
Iron	500	477		mg/Kg		95	89 - 111
Lead	5.00	5.03		mg/Kg		101	85 - 117
Magnesium	500	475		mg/Kg		95	89 - 111
Manganese	50.0	48.1		mg/Kg		96	90 - 111
Nickel	50.0	48.0		mg/Kg		96	90 - 111
Potassium	500	486		mg/Kg		97	88 - 113
Selenium	10.0	9.69		mg/Kg		97	80 - 119
Silver	5.00	4.81		mg/Kg		96	85 - 112
Sodium	500	472		mg/Kg		94	88 - 114
Thallium	10.0	10.5		mg/Kg		105	80 - 120
Vanadium	50.0	49.9		mg/Kg		100	90 - 111

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-780337/2-A
Matrix: Solid
Analysis Batch: 780724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780337

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	50.0	48.9		mg/Kg		98	90 - 110

Lab Sample ID: MB 410-780509/1-A
Matrix: Solid
Analysis Batch: 781446

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780509

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		30	9.0	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Antimony	ND		5.0	1.7	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Arsenic	ND		5.0	1.4	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Barium	ND		0.50	0.15	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Beryllium	ND		0.50	0.10	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Cadmium	ND		0.50	0.10	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Calcium	ND		50	21	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Chromium	ND		1.5	0.60	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Cobalt	ND		0.50	0.15	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Copper	ND		2.0	0.77	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Iron	ND		20	8.0	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Lead	ND		1.5	0.60	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Magnesium	ND		20	4.0	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Manganese	ND		1.0	0.40	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Nickel	ND		1.0	0.40	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Potassium	ND		100	35	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Selenium	ND		5.0	1.5	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Silver	ND		1.0	0.40	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Sodium	ND		100	40	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Thallium	ND		3.0	1.3	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Vanadium	ND		1.0	0.43	mg/Kg		03/11/26 00:10	03/11/26 18:38	1
Zinc	ND		2.0	0.80	mg/Kg		03/11/26 00:10	03/11/26 18:38	1

Lab Sample ID: LCS 410-780509/2-A
Matrix: Solid
Analysis Batch: 781446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	494		mg/Kg		99	88 - 110
Antimony	10.0	9.82		mg/Kg		98	80 - 120
Arsenic	50.0	47.0		mg/Kg		94	87 - 113
Barium	50.0	50.5		mg/Kg		101	90 - 111
Beryllium	5.00	5.13		mg/Kg		103	90 - 113
Cadmium	5.00	4.95		mg/Kg		99	90 - 110
Calcium	500	516		mg/Kg		103	90 - 111
Chromium	50.0	53.5		mg/Kg		107	90 - 113
Cobalt	50.0	50.6		mg/Kg		101	90 - 110
Copper	50.0	50.5		mg/Kg		101	90 - 110
Iron	500	502		mg/Kg		100	89 - 111
Lead	5.00	5.04		mg/Kg		101	85 - 117
Magnesium	500	492		mg/Kg		98	89 - 111
Manganese	50.0	50.3		mg/Kg		101	90 - 111

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-780509/2-A
Matrix: Solid
Analysis Batch: 781446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	50.0	48.8		mg/Kg		98	90 - 111
Potassium	500	488		mg/Kg		98	88 - 113
Selenium	10.0	10.4		mg/Kg		104	80 - 119
Silver	5.00	4.99		mg/Kg		100	85 - 112
Sodium	500	483		mg/Kg		97	88 - 114
Thallium	10.0	11.2		mg/Kg		112	80 - 120
Vanadium	50.0	53.2		mg/Kg		106	90 - 111
Zinc	50.0	50.7		mg/Kg		101	90 - 110

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-781111/1-A
Matrix: Solid
Analysis Batch: 781400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 781111

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/11/26 13:07	03/11/26 18:19	1

Lab Sample ID: LCS 410-781111/2-A
Matrix: Solid
Analysis Batch: 781400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 781111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.156		mg/Kg		94	80 - 120

Method: Moisture - Percent Moisture

Lab Sample ID: 180-202499-1 DU
Matrix: Solid
Analysis Batch: 511002

Client Sample ID: SSHS-IRM5A2-SCV108-0-0.17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	19.1		17.8		%		7	10
Percent Solids	80.9		82.2		%		2	10

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

GC/MS VOA

Prep Batch: 783020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-3	SSHS-IRM5A2-SCV108-0.5-1	Total/NA	Solid	5035	
180-202499-6	SSHS-IRM5A2-SCV109-0.5-1	Total/NA	Solid	5035	
180-202499-11	SSHS-IRM5A2-SCV111-0.5-1	Total/NA	Solid	5035	

Analysis Batch: 783114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-3	SSHS-IRM5A2-SCV108-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202499-6	SSHS-IRM5A2-SCV109-0.5-1	Total/NA	Solid	EPA 8260D	783020
MB 410-783114/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-783114/4	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-783114/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

Analysis Batch: 783640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-11	SSHS-IRM5A2-SCV111-0.5-1	Total/NA	Solid	EPA 8260D	783020
MB 410-783640/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-783640/4	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-783640/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

GC/MS Semi VOA

Prep Batch: 510889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-1	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	3541	
180-202499-2	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	3541	
180-202499-4	SSHS-IRM5A2-SCV109-0-0.17	Total/NA	Solid	3541	
180-202499-5	SSHS-IRM5A2-SCV109-0.17-1	Total/NA	Solid	3541	
180-202499-7	SSHS-IRM5A2-SCV112-0-0.17	Total/NA	Solid	3541	
180-202499-8	SSHS-IRM5A2-SCV112-0.17-1	Total/NA	Solid	3541	
180-202499-9	SSHS-IRM5A2-SCV111-0-0.17	Total/NA	Solid	3541	
180-202499-10	SSHS-IRM5A2-SCV111-0.17-1	Total/NA	Solid	3541	
180-202499-12	SSHS-IRM5A2-SCV110-0-0.17	Total/NA	Solid	3541	
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Total/NA	Solid	3541	
180-202499-14	SSHS-IRM5A2-SCV105-0.17-1	Total/NA	Solid	3541	
180-202499-15	SSHS-IRM5A2-SCV106-0-0.17	Total/NA	Solid	3541	
180-202499-16	SSHS-IRM5A2-SCV106-0.17-1	Total/NA	Solid	3541	
MB 180-510889/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510889/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202499-1 MS	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	3541	
180-202499-1 MSD	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	3541	

Analysis Batch: 510979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-1	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	EPA 8270E	510889
180-202499-2	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	EPA 8270E	510889
180-202499-4	SSHS-IRM5A2-SCV109-0-0.17	Total/NA	Solid	EPA 8270E	510889
180-202499-5	SSHS-IRM5A2-SCV109-0.17-1	Total/NA	Solid	EPA 8270E	510889
180-202499-7	SSHS-IRM5A2-SCV112-0-0.17	Total/NA	Solid	EPA 8270E	510889
180-202499-8	SSHS-IRM5A2-SCV112-0.17-1	Total/NA	Solid	EPA 8270E	510889
180-202499-9	SSHS-IRM5A2-SCV111-0-0.17	Total/NA	Solid	EPA 8270E	510889
180-202499-10	SSHS-IRM5A2-SCV111-0.17-1	Total/NA	Solid	EPA 8270E	510889

GC/MS Semi VOA (Continued)

Analysis Batch: 510979 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-12	SSHS-IRM5A2-SCV110-0-0.17	Total/NA	Solid	EPA 8270E	510889
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Total/NA	Solid	EPA 8270E	510889
180-202499-14	SSHS-IRM5A2-SCV105-0.17-1	Total/NA	Solid	EPA 8270E	510889
180-202499-15	SSHS-IRM5A2-SCV106-0-0.17	Total/NA	Solid	EPA 8270E	510889
180-202499-16	SSHS-IRM5A2-SCV106-0.17-1	Total/NA	Solid	EPA 8270E	510889
MB 180-510889/1-A	Method Blank	Total/NA	Solid	EPA 8270E	510889
LCS 180-510889/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	510889
180-202499-1 MS	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	EPA 8270E	510889
180-202499-1 MSD	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	EPA 8270E	510889

GC Semi VOA

Prep Batch: 510890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-1	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	3541	
180-202499-2	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	3541	
180-202499-4	SSHS-IRM5A2-SCV109-0-0.17	Total/NA	Solid	3541	
180-202499-5	SSHS-IRM5A2-SCV109-0.17-1	Total/NA	Solid	3541	
180-202499-7	SSHS-IRM5A2-SCV112-0-0.17	Total/NA	Solid	3541	
180-202499-8	SSHS-IRM5A2-SCV112-0.17-1	Total/NA	Solid	3541	
180-202499-9	SSHS-IRM5A2-SCV111-0-0.17	Total/NA	Solid	3541	
180-202499-10	SSHS-IRM5A2-SCV111-0.17-1	Total/NA	Solid	3541	
180-202499-12	SSHS-IRM5A2-SCV110-0-0.17	Total/NA	Solid	3541	
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Total/NA	Solid	3541	
180-202499-14	SSHS-IRM5A2-SCV105-0.17-1	Total/NA	Solid	3541	
180-202499-15	SSHS-IRM5A2-SCV106-0-0.17	Total/NA	Solid	3541	
180-202499-16	SSHS-IRM5A2-SCV106-0.17-1	Total/NA	Solid	3541	
MB 180-510890/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510890/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202499-1 MS	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	3541	
180-202499-1 MSD	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	3541	

Analysis Batch: 510964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-1	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	EPA 8082A	510890
180-202499-2	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	EPA 8082A	510890
180-202499-4	SSHS-IRM5A2-SCV109-0-0.17	Total/NA	Solid	EPA 8082A	510890
180-202499-5	SSHS-IRM5A2-SCV109-0.17-1	Total/NA	Solid	EPA 8082A	510890
180-202499-7	SSHS-IRM5A2-SCV112-0-0.17	Total/NA	Solid	EPA 8082A	510890
180-202499-8	SSHS-IRM5A2-SCV112-0.17-1	Total/NA	Solid	EPA 8082A	510890
180-202499-9	SSHS-IRM5A2-SCV111-0-0.17	Total/NA	Solid	EPA 8082A	510890
180-202499-10	SSHS-IRM5A2-SCV111-0.17-1	Total/NA	Solid	EPA 8082A	510890
180-202499-12	SSHS-IRM5A2-SCV110-0-0.17	Total/NA	Solid	EPA 8082A	510890
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Total/NA	Solid	EPA 8082A	510890
180-202499-14	SSHS-IRM5A2-SCV105-0.17-1	Total/NA	Solid	EPA 8082A	510890
180-202499-15	SSHS-IRM5A2-SCV106-0-0.17	Total/NA	Solid	EPA 8082A	510890
180-202499-16	SSHS-IRM5A2-SCV106-0.17-1	Total/NA	Solid	EPA 8082A	510890
MB 180-510890/1-A	Method Blank	Total/NA	Solid	EPA 8082A	510890
LCS 180-510890/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	510890
180-202499-1 MS	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	EPA 8082A	510890
180-202499-1 MSD	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	EPA 8082A	510890

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202499-1
Project/Site: Former Sperry Remington - NAF-SCV

LCMS

Prep Batch: 780529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-4	SSHS-IRM5A2-SCV109-0-0.17	Total/NA	Solid	1633A	
180-202499-10	SSHS-IRM5A2-SCV111-0.17-1	Total/NA	Solid	1633A	
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Total/NA	Solid	1633A	
180-202499-16	SSHS-IRM5A2-SCV106-0.17-1	Total/NA	Solid	1633A	
MB 410-780529/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-780529/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-780529/3-A	Lab Control Sample	Total/NA	Solid	1633A	

Analysis Batch: 781416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-4	SSHS-IRM5A2-SCV109-0-0.17	Total/NA	Solid	1633A	780529
180-202499-10	SSHS-IRM5A2-SCV111-0.17-1	Total/NA	Solid	1633A	780529
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Total/NA	Solid	1633A	780529
180-202499-16	SSHS-IRM5A2-SCV106-0.17-1	Total/NA	Solid	1633A	780529
MB 410-780529/1-A	Method Blank	Total/NA	Solid	1633A	780529
LLCS 410-780529/3-A	Lab Control Sample	Total/NA	Solid	1633A	780529

Analysis Batch: 781699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-780529/2-A	Lab Control Sample	Total/NA	Solid	1633A	780529

Metals

Prep Batch: 779948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-1	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	3050B	
180-202499-2	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	3050B	
180-202499-4	SSHS-IRM5A2-SCV109-0-0.17	Total/NA	Solid	3050B	
180-202499-5	SSHS-IRM5A2-SCV109-0.17-1	Total/NA	Solid	3050B	
180-202499-7	SSHS-IRM5A2-SCV112-0-0.17	Total/NA	Solid	3050B	
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Total/NA	Solid	3050B	
180-202499-16	SSHS-IRM5A2-SCV106-0.17-1	Total/NA	Solid	3050B	
MB 410-779948/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-779948/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-202499-2 MS	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	3050B	
180-202499-2 MSD	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	3050B	
180-202499-2 DU	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	3050B	

Prep Batch: 780337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-9	SSHS-IRM5A2-SCV111-0-0.17	Total/NA	Solid	3050B	
180-202499-12	SSHS-IRM5A2-SCV110-0-0.17	Total/NA	Solid	3050B	
MB 410-780337/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-780337/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 780509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-8	SSHS-IRM5A2-SCV112-0.17-1	Total/NA	Solid	3050B	
180-202499-10	SSHS-IRM5A2-SCV111-0.17-1	Total/NA	Solid	3050B	
180-202499-14	SSHS-IRM5A2-SCV105-0.17-1	Total/NA	Solid	3050B	
180-202499-15	SSHS-IRM5A2-SCV106-0-0.17	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 780509 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-780509/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-780509/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 780724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-9	SSHS-IRM5A2-SCV111-0-0.17	Total/NA	Solid	EPA 6010D	780337
180-202499-12	SSHS-IRM5A2-SCV110-0-0.17	Total/NA	Solid	EPA 6010D	780337
MB 410-780337/1-A	Method Blank	Total/NA	Solid	EPA 6010D	780337
LCS 410-780337/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	780337

Analysis Batch: 780728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-1	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	EPA 6010D	779948
180-202499-2	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	EPA 6010D	779948
180-202499-4	SSHS-IRM5A2-SCV109-0-0.17	Total/NA	Solid	EPA 6010D	779948
180-202499-5	SSHS-IRM5A2-SCV109-0.17-1	Total/NA	Solid	EPA 6010D	779948
180-202499-7	SSHS-IRM5A2-SCV112-0-0.17	Total/NA	Solid	EPA 6010D	779948
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Total/NA	Solid	EPA 6010D	779948
180-202499-16	SSHS-IRM5A2-SCV106-0.17-1	Total/NA	Solid	EPA 6010D	779948
MB 410-779948/1-A	Method Blank	Total/NA	Solid	EPA 6010D	779948
LCS 410-779948/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	779948
180-202499-2 MS	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	EPA 6010D	779948
180-202499-2 MSD	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	EPA 6010D	779948
180-202499-2 DU	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	EPA 6010D	779948

Prep Batch: 781111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-1	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	7471B	
180-202499-2	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	7471B	
180-202499-4	SSHS-IRM5A2-SCV109-0-0.17	Total/NA	Solid	7471B	
180-202499-5	SSHS-IRM5A2-SCV109-0.17-1	Total/NA	Solid	7471B	
180-202499-7	SSHS-IRM5A2-SCV112-0-0.17	Total/NA	Solid	7471B	
180-202499-8	SSHS-IRM5A2-SCV112-0.17-1	Total/NA	Solid	7471B	
180-202499-9	SSHS-IRM5A2-SCV111-0-0.17	Total/NA	Solid	7471B	
180-202499-10	SSHS-IRM5A2-SCV111-0.17-1	Total/NA	Solid	7471B	
180-202499-12	SSHS-IRM5A2-SCV110-0-0.17	Total/NA	Solid	7471B	
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Total/NA	Solid	7471B	
180-202499-14	SSHS-IRM5A2-SCV105-0.17-1	Total/NA	Solid	7471B	
180-202499-15	SSHS-IRM5A2-SCV106-0-0.17	Total/NA	Solid	7471B	
180-202499-16	SSHS-IRM5A2-SCV106-0.17-1	Total/NA	Solid	7471B	
MB 410-781111/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-781111/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 781126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Total/NA	Solid	EPA 6010D	779948

Analysis Batch: 781400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-1	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	EPA 7471B	781111
180-202499-2	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	EPA 7471B	781111

Metals (Continued)

Analysis Batch: 781400 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-4	SSHS-IRM5A2-SCV109-0-0.17	Total/NA	Solid	EPA 7471B	781111
180-202499-5	SSHS-IRM5A2-SCV109-0.17-1	Total/NA	Solid	EPA 7471B	781111
180-202499-7	SSHS-IRM5A2-SCV112-0-0.17	Total/NA	Solid	EPA 7471B	781111
180-202499-8	SSHS-IRM5A2-SCV112-0.17-1	Total/NA	Solid	EPA 7471B	781111
180-202499-9	SSHS-IRM5A2-SCV111-0-0.17	Total/NA	Solid	EPA 7471B	781111
180-202499-10	SSHS-IRM5A2-SCV111-0.17-1	Total/NA	Solid	EPA 7471B	781111
180-202499-12	SSHS-IRM5A2-SCV110-0-0.17	Total/NA	Solid	EPA 7471B	781111
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Total/NA	Solid	EPA 7471B	781111
180-202499-14	SSHS-IRM5A2-SCV105-0.17-1	Total/NA	Solid	EPA 7471B	781111
180-202499-15	SSHS-IRM5A2-SCV106-0-0.17	Total/NA	Solid	EPA 7471B	781111
180-202499-16	SSHS-IRM5A2-SCV106-0.17-1	Total/NA	Solid	EPA 7471B	781111
MB 410-781111/1-A	Method Blank	Total/NA	Solid	EPA 7471B	781111
LCS 410-781111/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	781111

Analysis Batch: 781446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-8	SSHS-IRM5A2-SCV112-0.17-1	Total/NA	Solid	EPA 6010D	780509
180-202499-10	SSHS-IRM5A2-SCV111-0.17-1	Total/NA	Solid	EPA 6010D	780509
180-202499-14	SSHS-IRM5A2-SCV105-0.17-1	Total/NA	Solid	EPA 6010D	780509
180-202499-15	SSHS-IRM5A2-SCV106-0-0.17	Total/NA	Solid	EPA 6010D	780509
MB 410-780509/1-A	Method Blank	Total/NA	Solid	EPA 6010D	780509
LCS 410-780509/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	780509

General Chemistry

Analysis Batch: 510999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-12	SSHS-IRM5A2-SCV110-0-0.17	Total/NA	Solid	Moisture	
180-202499-13	SSHS-IRM5A2-SCV105-0-0.17	Total/NA	Solid	Moisture	
180-202499-14	SSHS-IRM5A2-SCV105-0.17-1	Total/NA	Solid	Moisture	
180-202499-15	SSHS-IRM5A2-SCV106-0-0.17	Total/NA	Solid	Moisture	
180-202499-16	SSHS-IRM5A2-SCV106-0.17-1	Total/NA	Solid	Moisture	

Analysis Batch: 511002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-1	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	Moisture	
180-202499-2	SSHS-IRM5A2-SCV108-0.17-1	Total/NA	Solid	Moisture	
180-202499-4	SSHS-IRM5A2-SCV109-0-0.17	Total/NA	Solid	Moisture	
180-202499-5	SSHS-IRM5A2-SCV109-0.17-1	Total/NA	Solid	Moisture	
180-202499-7	SSHS-IRM5A2-SCV112-0-0.17	Total/NA	Solid	Moisture	
180-202499-8	SSHS-IRM5A2-SCV112-0.17-1	Total/NA	Solid	Moisture	
180-202499-9	SSHS-IRM5A2-SCV111-0-0.17	Total/NA	Solid	Moisture	
180-202499-10	SSHS-IRM5A2-SCV111-0.17-1	Total/NA	Solid	Moisture	
180-202499-1 DU	SSHS-IRM5A2-SCV108-0-0.17	Total/NA	Solid	Moisture	

Analysis Batch: 780386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202499-3	SSHS-IRM5A2-SCV108-0.5-1	Total/NA	Solid	Moisture	
180-202499-6	SSHS-IRM5A2-SCV109-0.5-1	Total/NA	Solid	Moisture	
180-202499-11	SSHS-IRM5A2-SCV111-0.5-1	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Syracuse NAF SCV - COC3

#225

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.		Analysis Requested		Job #:
Address: Geosyntec Consultants, Inc.	Due Date Requested			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
City: Minneapolis	TAT Requested (days): Standard			
State, Zip: MN, 55401				
Phone: 920-676-4194	PO #: 26008081-17847			
Email:	WO #:			
Project Name: Former Sperry Remington	Project #: 18013464			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01 2 TCL Volatiles	8270E - SOM01 2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01 2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS				Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N					
SSHS-IRM5A2-SCV108-0-0.17	3/4/26	0820	C	S	N	N		X	X	X					2	
SSHS-IRM5A2-SCV108-0.17-1	3/4/26	0825	C	S	N	N		X	X	X					2	
SSHS-IRM5A2-SCV108-0 5-1	3/4/26	0825	C	S	N	N	X								4	
SSHS-IRM5A2-SCV109-0-0.17	3/4/26	0830	C	S	N	N		X	X	X	X				3	
SSHS-IRM5A2-SCV109-0.17-1	3/4/26	0835	C	S	N	N		X	X	X					2	
SSHS-IRM5A2-SCV109-0.5-1	3/4/26	0835	C	S	N	N	X								4	
SSHS-IRM5A2-SCV112-0-0.17	3/4/26	0845	C	S	N	N		X	X	X					2	
SSHS-IRM5A2-SCV112-0.17-1	3/4/26	0850	C	S	N	N		X	X	X					2	
SSHS-IRM5A2-SCV111-0-0.17	3/4/26	0900	C	S	N	N		X	X	X					2	
SSHS-IRM5A2-SCV111-0.17-1	3/4/26	0905	C	S	N	N		X	X	X	X				3	
SSHS-IRM5A2-SCV111-0.5-1	3/4/26	0905	C	S	N	N	X								4	
SSHS-IRM5A2-SCV110-0-0 17	3/4/26	0925	C	S	N	N		X	X	X					2	

180-202499 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by:	Date/Time: 3-4-26 1506	Company: Geosyntec	Received by:	Date/Time: 3/4/26 15:00	Company
Relinquished by:	Date/Time: 3-4-26 19:00	Company	Received by: Shelley Wadleigh	Date/Time: 3/5/26 9:30	Company: ED. HWE
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

3/19/2026

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

Syracuse

NAE SCV - COC3

#225

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.		Analysis Requested		Job #:
Address: Geosyntec Consultants, Inc.	Due Date Requested:			
City: Minneapolis	TAT Requested (days): Standard			
State, Zip: MN, 55401				
Phone: 920-676-4194	PO #: 26008081-17847			
Email:	WO #:			
Project Name: Former Sperry Remington	Project #: 18013464			
Site:	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N		
SSHS-IRM5A2-SCV105-0-0.17	3/4/36	0935	C	S	N	N		X	X	X	X	3	
SSHS-IRM5A2-SCV105-0.17-1	3/4/36	0940	C	S	N	N		X	X	X		2	
SSHS-IRM5A2-SCV106-0-0 17	3/4/36	1000	C	S	N	N		X	X	X		2	
SSHS-IRM5A2-SCV106-0 17-1	3/4/36	1005	C	S	N	N		X	X	X	X	3	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

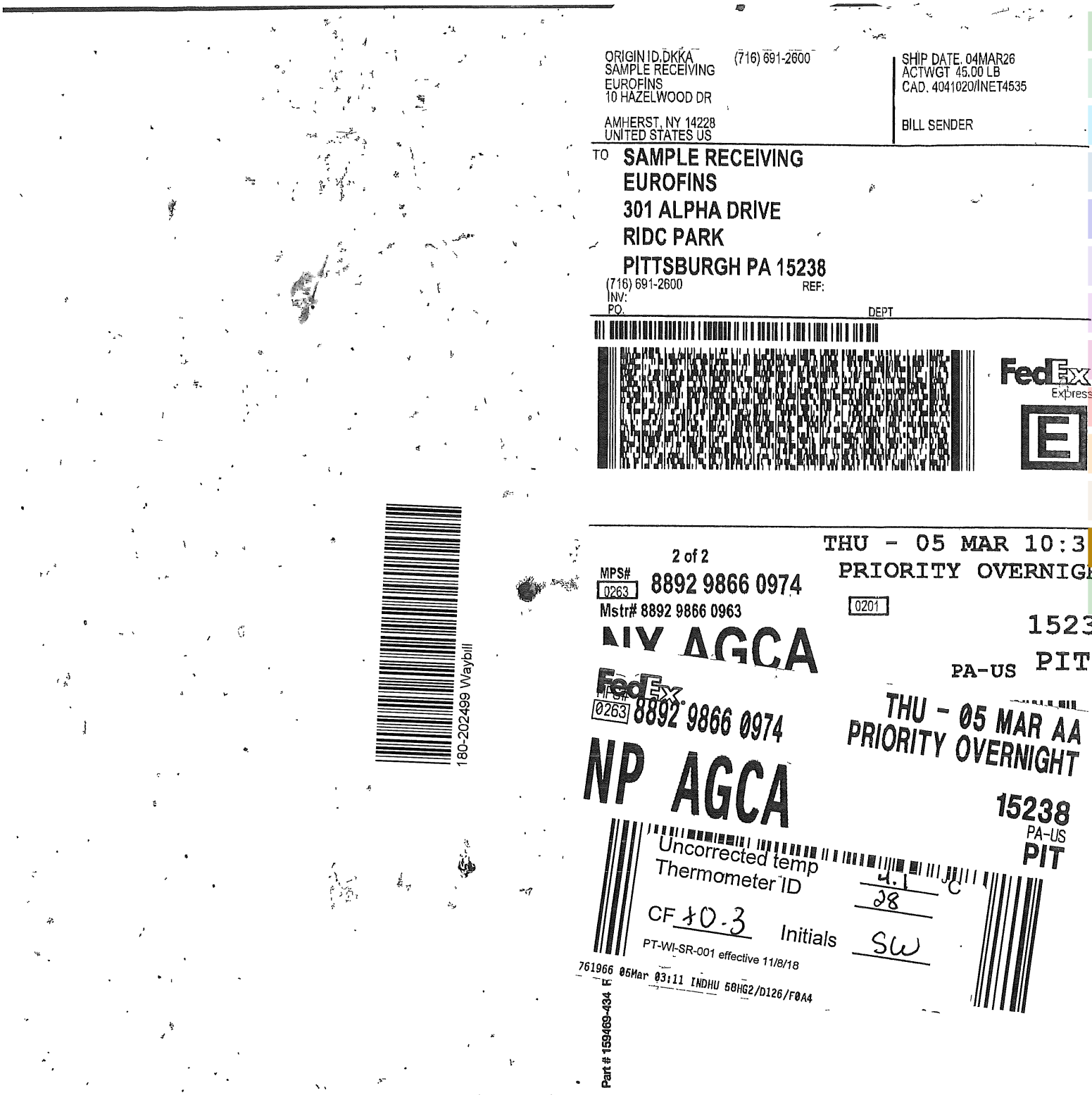
	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		3 4 26 1506	Geosyntec		3/4/26 15:06	
2		3/4/26 19:00		Shelli Watters	3/5/26 9:30	EPHWE
3						

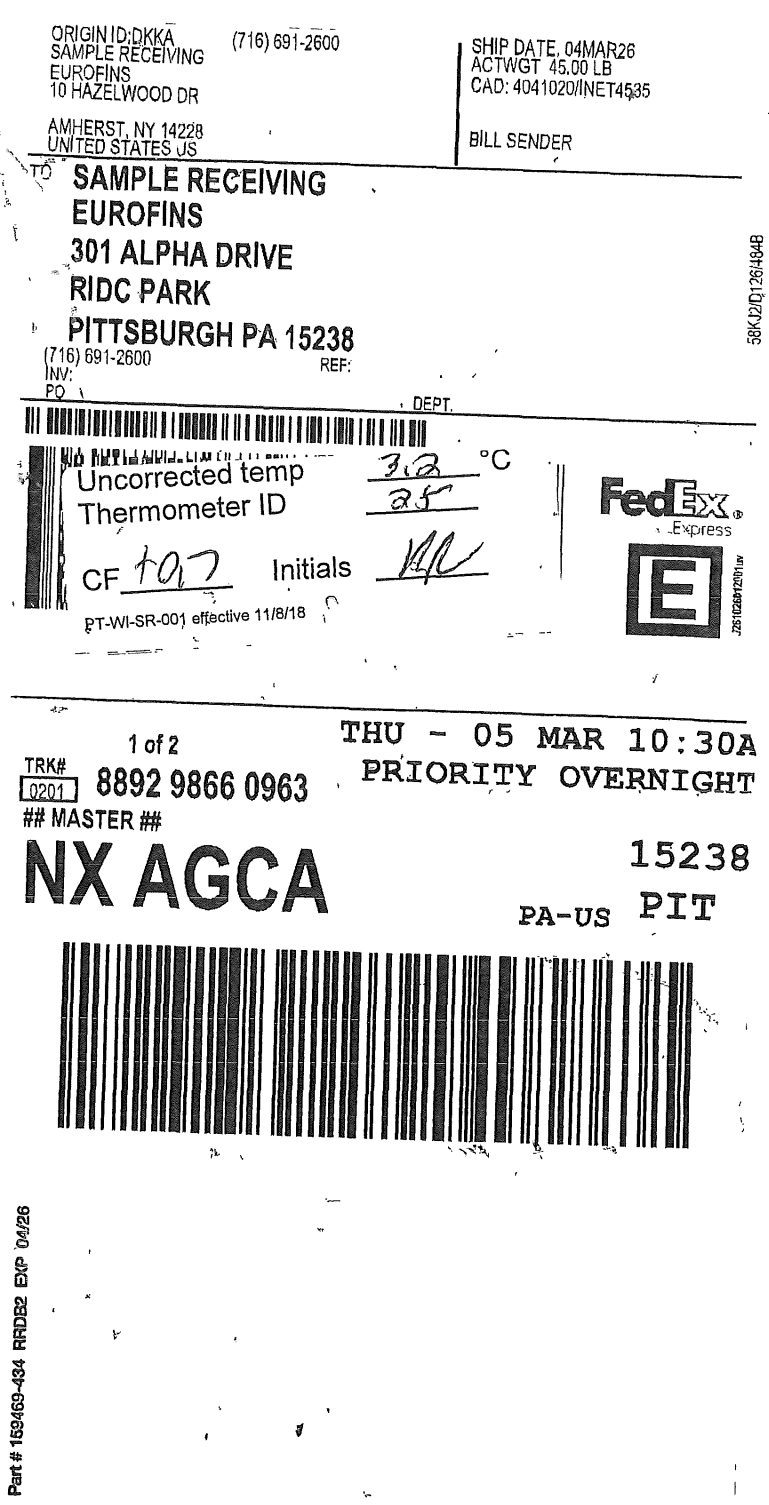
Custody Seals Intact: ☐ Yes ☐ No

Custody Seal No :

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019


ORIGIN ID:DKKA (716) 691-2600
SAMPLE RECEIVING
EUROFINS
10 HAZELWOOD DR
AMHERST, NY 14228
UNITED STATES US
SHIP DATE: 04MAR26
ACTWGT: 45.00 LB
CAD: 4041020/INET4535
BILL SENDER
TO SAMPLE RECEIVING
EUROFINS
301 ALPHA DRIVE
RIDC PARK
PITTSBURGH PA 15238
(716) 691-2600
INV:
PO:
REF:
DEPT
FedEx Express
180-202499 Waybill
2 of 2
MPS# 0263 8892 9866 0974
Mstr# 8892 9866 0963
NY AGCA
THU - 05 MAR 10:3
PRIORITY OVERNIGH
0201
1523
PA-US PIT
FedEx
Trk# 0263 8892 9866 0974
NP AGCA
THU - 05 MAR AA
PRIORITY OVERNIGHT
15238
PA-US
PIT
Uncorrected temp 4.1 °C
Thermometer ID 28
CF +0.3 Initials SW
PT-WI-SR-001 effective 11/8/18
761966 06Mar 03:11 INDHU 58HG2/D126/F0A4
Part # 159469-434 R


ORIGIN ID:DKKA
SAMPLE RECEIVING
EUROFINS
10 HAZELWOOD DR
AMHERST, NY 14228
UNITED STATES US
(716) 691-2600
SHIP DATE: 04MAR26
ACTWGT 45.00 LB
CAD: 4041020/INET4535
BILL SENDER
TO SAMPLE RECEIVING
EUROFINS
301 ALPHA DRIVE
RIDC PARK
PITTSBURGH PA 15238
(716) 691-2600
INV:
PO
REF:
DEPT.
58KJ2/D126/494B
Uncorrected temp 3.2 °C
Thermometer ID 25
CF +0.1 Initials KL
PT-WI-SR-001 effective 11/8/18
FedEx Express
J261026120101uv
1 of 2
TRK# 0201 8892 9866 0963
MASTER
NX AGCA
THU - 05 MAR 10:30A
PRIORITY OVERNIGHT
15238
PA-US PIT
Part # 163469-434 RRDB2 EXP 04/26

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553821.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202499-1
Address: 2425 New Holland Pike,	Due Date Requested: 3/18/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SSHS-IRM5A2-SVC108-0-0.17 (180-202499-1)	3/4/26	08:20 Eastern	G	Solid			X	X					1	Terracore Temp
SSHS-IRM5A2-SVC108-0.17-1 (180-202499-2)	3/4/26	08:25 Eastern	G	Solid			X	X					1	-3.2 CF +0.8
SSHS-IRM5A2-SVC108-0.5-1 (180-202499-3)	3/4/26	08:25 Eastern	G	Solid					X	X	X		4	-2.4 (29)
SSHS-IRM5A2-SVC109-0-0.17 (180-202499-4)	3/4/26	08:30 Eastern	G	Solid			X	X				X	2	
SSHS-IRM5A2-SVC109-0.17-1 (180-202499-5)	3/4/26	08:35 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SVC109-0.5-1 (180-202499-6)	3/4/26	08:35 Eastern	G	Solid					X	X	X		4	
SSHS-IRM5A2-SVC112-0-0.17 (180-202499-7)	3/4/26	08:45 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SVC112-0.17-1 (180-202499-8)	3/4/26	08:50 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SVC111-0-0.17 (180-202499-9)	3/4/26	09:00 Eastern	G	Solid			X	X					1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: James J. Hinkelman	Date/Time: 3/5/26 14:00	Company: EPHNE	Received by:	Date/Time: 3-5-26 14:40	Company: EL LC
Relinquished by:	Date/Time: 3-5-26 19:10	Company: EL LC	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/5/26 1910	Company: ELLC

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: -9.7-3.4 / C: -9.5 - 3.6

Ver: 10/10/2024

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553821.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202499-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/18/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SSHS-IRM5A2-SVC111-0.17-1 (180-202499-10)	3/4/26	09:05 Eastern	G	Solid			X	X				X	2	
SSHS-IRM5A2-SVC111-0.5-1 (180-202499-11)	3/4/26	09:05 Eastern	G	Solid					X	X	X		4	
SSHS-IRM5A2-SVC110-0-0.17 (180-202499-12)	3/4/26	09:25 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SV105-0-0.17 (180-202499-13)	3/4/26	09:35 Eastern	G	Solid			X	X				X	2	
SSHS-IRM5A2-SV105-0.17-1 (180-202499-14)	3/4/26	09:40 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SV106-0-0.17 (180-202499-15)	3/4/26	10:00 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SV106-0.17-1 (180-202499-16)	3/4/26	10:05 Eastern	G	Solid			X	X				X	2	JTH 3/5/26

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	3/5/26 14:00	EP:HWE		3-5-26 14:40	ELLE
2		3-5-26 19:10	ELLE			
3					3/5/26 1910	Elliott

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
✗ Yes △ No		R: -9.7 -3.4 / C: -9.5 -3.6

HT

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202499-1

Login Number: 202499
List Number: 1
Creator: Abernathy, Eric L

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202499-1

Login Number: 202499
List Number: 2
Creator: Martin, Elizabeth

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/06/26 12:48 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Miranda Stelmach
Geosyntec Consultants Inc
111 N. Broadway, Suite C
Green Bay, Wisconsin 54303

Generated 3/19/2026 11:27:26 PM

JOB DESCRIPTION

Former Sperry Remington - NAF SCV

JOB NUMBER

180-202504-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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Authorized for release by
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Job Narrative
180-202504-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/5/2026 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.4°C, 4.7°C, 5.5°C, 5.7°C and 5.7°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method EPA 8270E: The continuing calibration verification (CCV) analyzed in 180-510986 was outside the method criteria for the following analyte: Di-n-octyl Phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method EPA 8270E: The continuing calibration verification (CCV) associated with batch 180-510986 recovered outside acceptance criteria, low biased, for 2,4,6-Tribromophenol (Surr). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method EPA 8270E: The continuing calibration verification (CCV) analyzed in 180-510978 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol and 2,2'-oxybis[1-chloropropane]. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method EPA 8270E: The continuing calibration verification (CCV) analyzed in 180-510979 was outside the method criteria for the following analyte: Caprolactam. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method EPA 8270E: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: SSHS-IRM5A2-SCV116-0.17-1 (180-202504-8), SSHS-IRM5A2-SCV117-0-0.17 (180-202504-10), SSHS-IRM5A2-SCV117-0.17-1 (180-202504-11), SSHS-IRM5A2-SCV113-0-0.17 (180-202504-13), SSHS-IRM5A2-SCV113-0.17-1 (180-202504-14), SSHS-IRM5A2-SCV107-0-0.17 (180-202504-16) and SSHS-IRM5A2-SCV107-0.17-1 (180-202504-17). Percent recoveries are based on the amount spiked.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method EPA 8082A: The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: SSHS-IRM5A2-SCV114-0-0.17 (180-202504-2), SSHS-IRM5A2-SCV114-0.17-1 (180-202504-3), SSHS-IRM5A2-SCV115-0-0.17 (180-202504-5), SSHS-IRM5A2-SCV115-0.17-1 (180-202504-6), SSHS-IRM5A2-SCV116-0-0.17 (180-202504-7), SSHS-IRM5A2-SCV116-0.17-1 (180-202504-8), SSHS-IRM5A2-SCV117-0-0.17 (180-202504-10), SSHS-IRM5A2-SCV117-0.17-1 (180-202504-11), SSHS-IRM5A2-SCV113-0-0.17 (180-202504-13), SSHS-IRM5A2-SCV113-0.17-1 (180-202504-14), SSHS-IRM5A2-SCV107-0-0.17 (180-202504-16), SSHS-IRM5A2-SCV107-0.17-1 (180-202504-17), (LCS 180-510880/2-A), (LCS 180-510887/2-A), (MB 180-510880/1-A), (MB 180-510887/1-A), (180-202501-F-7-B), (180-202501-B-7-C MS), (180-202501-B-7-D MSD), (180-202505-B-19-F), (180-202505-B-19-D MS) and (180-202505-B-19-E MSD).6215174

Method EPA 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences

caused by sulfur: SSHS-IRM5A2-SCV114-0-0.17 (180-202504-2), SSHS-IRM5A2-SCV114-0.17-1 (180-202504-3), SSHS-IRM5A2-SCV115-0-0.17 (180-202504-5), SSHS-IRM5A2-SCV115-0.17-1 (180-202504-6), SSHS-IRM5A2-SCV116-0-0.17 (180-202504-7), SSHS-IRM5A2-SCV116-0.17-1 (180-202504-8), SSHS-IRM5A2-SCV117-0-0.17 (180-202504-10), SSHS-IRM5A2-SCV117-0.17-1 (180-202504-11), SSHS-IRM5A2-SCV113-0-0.17 (180-202504-13), SSHS-IRM5A2-SCV113-0.17-1 (180-202504-14), SSHS-IRM5A2-SCV107-0-0.17 (180-202504-16), SSHS-IRM5A2-SCV107-0.17-1 (180-202504-17), (LCS 180-510880/2-A), (LCS 180-510887/2-A), (MB 180-510880/1-A), (MB 180-510887/1-A), (180-202501-F-7-B), (180-202501-B-7-C MS), (180-202501-B-7-D MSD), (180-202505-B-19-F), (180-202505-B-19-D MS) and (180-202505-B-19-E MSD).6648760 6513163

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PFAS
Method 1633A: The recovery for labeled isotope: 13C8-PFOSA, d3-NMeFOSAA, d5-NEtFOSAA, 13C2 8:2 FTS, D7-NMeFOSE and D9-NEtFOSE is outside the QC acceptance limits in the opening continuing calibration verification standard associated with the following samples SSHS-IRM5A2-SCV113-0-0.17 (180-202504-13). Since the recovery for target analytes is within the limits, the data is reported.

Method 1633A: The recovery for labeled isotope: D7-NMeFOSE is outside the QC acceptance limits in the closing continuing calibration verification standard associated with the following samples SSHS-IRM5A2-SCV113-0-0.17 (180-202504-13). Since the recovery for target analytes is within the limits, the data is reported.

Method 1633A: The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample SSHS-IRM5A2-SCV113-0-0.17 (180-202504-13) is less than 350%, the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
EPA 8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington - NAF SCV

Job ID: 180-202504-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
180-202504-1	SSHS-IRM5A2-SCV123-0.5-1	Solid	03/03/26 11:00	03/05/26 09:30	New York
180-202504-2	SSHS-IRM5A2-SCV114-0-0.17	Solid	03/03/26 12:15	03/05/26 09:30	New York
180-202504-3	SSHS-IRM5A2-SCV114-0.17-1	Solid	03/03/26 12:20	03/05/26 09:30	New York
180-202504-4	SSHS-IRM5A2-SCV114-0.5-1	Solid	03/03/26 12:20	03/05/26 09:30	New York
180-202504-5	SSHS-IRM5A2-SCV115-0-0.17	Solid	03/03/26 12:30	03/05/26 09:30	New York
180-202504-6	SSHS-IRM5A2-SCV115-0.17-1	Solid	03/03/26 12:35	03/05/26 09:30	New York
180-202504-7	SSHS-IRM5A2-SCV116-0-0.17	Solid	03/03/26 12:40	03/05/26 09:30	New York
180-202504-8	SSHS-IRM5A2-SCV116-0.17-1	Solid	03/03/26 12:45	03/05/26 09:30	New York
180-202504-9	SSHS-IRM5A2-SCV116-0.5-1	Solid	03/03/26 12:45	03/05/26 09:30	New York
180-202504-10	SSHS-IRM5A2-SCV117-0-0.17	Solid	03/03/26 12:50	03/05/26 09:30	New York
180-202504-11	SSHS-IRM5A2-SCV117-0.17-1	Solid	03/03/26 12:55	03/05/26 09:30	New York
180-202504-12	SSHS-IRM5A2-SCV117-0.5-1	Solid	03/03/26 12:55	03/05/26 09:30	New York
180-202504-13	SSHS-IRM5A2-SCV113-0-0.17	Solid	03/03/26 14:00	03/05/26 09:30	New York
180-202504-14	SSHS-IRM5A2-SCV113-0.17-1	Solid	03/03/26 14:05	03/05/26 09:30	New York
180-202504-15	SSHS-IRM5A2-SCV113-0.5-1	Solid	03/03/26 14:05	03/05/26 09:30	New York
180-202504-16	SSHS-IRM5A2-SCV107-0-0.17	Solid	03/03/26 14:15	03/05/26 09:30	New York
180-202504-17	SSHS-IRM5A2-SCV107-0.17-1	Solid	03/03/26 14:20	03/05/26 09:30	New York

Method Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
EPA 6010D	Metals (ICP)	SW846	ELLE
EPA 7471B	Mercury (CVAA)	SW846	ELLE
Moisture	Percent Moisture	EPA	EET PIT
Moisture	Percent Moisture	EPA	ELLE
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	ELLE
3541	Automated Soxhlet Extraction	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV123-0.5-1
Lab Sample ID: 180-202504-1
Date Collected: 03/03/26 11:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778775	03/06/26 10:08	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV123-0.5-1
Lab Sample ID: 180-202504-1
Date Collected: 03/03/26 11:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.258 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783114	03/16/26 00:59	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV114-0-0.17
Lab Sample ID: 180-202504-2
Date Collected: 03/03/26 12:15
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510930	03/06/26 16:56	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV114-0-0.17
Lab Sample ID: 180-202504-2
Date Collected: 03/03/26 12:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.22 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 18:26	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.14 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 21:17	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 16:21	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.62 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 22:05	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV114-0.17-1
Lab Sample ID: 180-202504-3
Date Collected: 03/03/26 12:20
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510930	03/06/26 16:56	ELS	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV114-0.17-1
Lab Sample ID: 180-202504-3

Date Collected: 03/03/26 12:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.44 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 18:49	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.1 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 21:34	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.37 g	5 mL	779475	03/09/26 07:10	RZZ4	ELLE
Total/NA	Analysis	1633A		1			780083	03/10/26 15:15	P7EB	ELLE
	Instrument ID: 30575									
Total/NA	Prep	3050B			0.54 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 16:24	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.64 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 22:07	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV114-0.5-1
Lab Sample ID: 180-202504-4

Date Collected: 03/03/26 12:20
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778775	03/06/26 10:08	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV114-0.5-1
Lab Sample ID: 180-202504-4

Date Collected: 03/03/26 12:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.511 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783114	03/16/26 01:21	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV115-0-0.17
Lab Sample ID: 180-202504-5

Date Collected: 03/03/26 12:30
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510930	03/06/26 16:56	ELS	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV115-0-0.17
Lab Sample ID: 180-202504-5

Date Collected: 03/03/26 12:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.48 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 19:11	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.0 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 21:52	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.50 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 16:28	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.61 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 22:09	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV115-0.17-1
Lab Sample ID: 180-202504-6

Date Collected: 03/03/26 12:35
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510930	03/06/26 16:56	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV115-0.17-1
Lab Sample ID: 180-202504-6

Date Collected: 03/03/26 12:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.46 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 19:34	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.30 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 22:10	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 16:31	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.63 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 22:11	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV116-0-0.17
Lab Sample ID: 180-202504-7

Date Collected: 03/03/26 12:40
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510930	03/06/26 16:56	ELS	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV116-0-0.17
Lab Sample ID: 180-202504-7
Date Collected: 03/03/26 12:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.45 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 19:56	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.39 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 22:28	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 16:35	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.65 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 22:13	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV116-0.17-1
Lab Sample ID: 180-202504-8
Date Collected: 03/03/26 12:45
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510930	03/06/26 16:56	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV116-0.17-1
Lab Sample ID: 180-202504-8
Date Collected: 03/03/26 12:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.40 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 13:52	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.34 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 23:58	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 16:38	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.62 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 20:14	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV116-0.5-1
Lab Sample ID: 180-202504-9
Date Collected: 03/03/26 12:45
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778775	03/06/26 10:08	E5GC	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV116-0.5-1
Lab Sample ID: 180-202504-9
Date Collected: 03/03/26 12:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.555 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783114	03/16/26 02:06	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Lab Sample ID: 180-202504-10
Date Collected: 03/03/26 12:50
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510930	03/06/26 16:56	ELS	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Lab Sample ID: 180-202504-10
Date Collected: 03/03/26 12:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.32 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 14:15	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.35 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 00:16	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.36 g	5 mL	779475	03/09/26 07:10	RZZ4	ELLE
Total/NA	Analysis	1633A		1			780083	03/10/26 15:29	P7EB	ELLE
	Instrument ID: 30575									
Total/NA	Prep	3050B			0.51 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 16:42	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.63 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 20:18	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV117-0.17-1
Lab Sample ID: 180-202504-11
Date Collected: 03/03/26 12:55
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510930	03/06/26 16:56	ELS	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV117-0.17-1
Lab Sample ID: 180-202504-11
Date Collected: 03/03/26 12:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.33 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 14:37	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.44 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 00:34	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.51 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:57	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.64 g	100 mL	779068	03/06/26 16:53	VT6A	ELLE
Total/NA	Analysis	EPA 7471B		1			779759	03/09/26 09:18	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV117-0.5-1
Lab Sample ID: 180-202504-12
Date Collected: 03/03/26 12:55
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778775	03/06/26 10:08	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV117-0.5-1
Lab Sample ID: 180-202504-12
Date Collected: 03/03/26 12:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.854 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783114	03/16/26 01:43	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV113-0-0.17
Lab Sample ID: 180-202504-13
Date Collected: 03/03/26 14:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511003	03/09/26 11:21	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV113-0-0.17
Lab Sample ID: 180-202504-13
Date Collected: 03/03/26 14:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.44 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 15:00	VVP	EET PIT
	Instrument ID: CH732									

Client Sample ID: SSHS-IRM5A2-SCV113-0-0.17
Lab Sample ID: 180-202504-13
Date Collected: 03/03/26 14:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.24 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 00:52	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.32 g	5 mL	780529	03/10/26 14:32	VDC4	ELLE
Total/NA	Analysis	1633A		1			781416	03/12/26 07:58	M4QQ	ELLE
	Instrument ID: 30569									
Total/NA	Prep	3050B			0.54 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 14:00	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.65 g	100 mL	779068	03/06/26 16:53	VT6A	ELLE
Total/NA	Analysis	EPA 7471B		1			779759	03/09/26 09:24	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV113-0.17-1
Lab Sample ID: 180-202504-14
Date Collected: 03/03/26 14:05
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511003	03/09/26 11:21	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV113-0.17-1
Lab Sample ID: 180-202504-14
Date Collected: 03/03/26 14:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.14 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 15:22	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.14 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 01:09	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.54 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 14:03	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.64 g	100 mL	779068	03/06/26 16:53	VT6A	ELLE
Total/NA	Analysis	EPA 7471B		1			779759	03/09/26 09:26	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV113-0.5-1
Lab Sample ID: 180-202504-15
Date Collected: 03/03/26 14:05
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778775	03/06/26 10:08	E5GC	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV113-0.5-1
Lab Sample ID: 180-202504-15
Date Collected: 03/03/26 14:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.323 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783114	03/16/26 02:28	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV107-0-0.17
Lab Sample ID: 180-202504-16
Date Collected: 03/03/26 14:15
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511051	03/10/26 10:34	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV107-0-0.17
Lab Sample ID: 180-202504-16
Date Collected: 03/03/26 14:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.31 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 15:45	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.03 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 02:03	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 14:06	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	779068	03/06/26 16:53	VT6A	ELLE
Total/NA	Analysis	EPA 7471B		1			779759	03/09/26 09:28	X3ZX	ELLE
	Instrument ID: M17									

Client Sample ID: SSHS-IRM5A2-SCV107-0.17-1
Lab Sample ID: 180-202504-17
Date Collected: 03/03/26 14:20
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511003	03/09/26 11:21	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV107-0.17-1
Lab Sample ID: 180-202504-17
Date Collected: 03/03/26 14:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.37 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 16:07	VVP	EET PIT
	Instrument ID: CH732									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV107-0.17-1
Lab Sample ID: 180-202504-17

Date Collected: 03/03/26 14:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.16 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 02:21	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.50 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 14:09	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.63 g	100 mL	779068	03/06/26 16:53	VT6A	ELLE
Total/NA	Analysis	EPA 7471B		1			779759	03/09/26 09:30	X3ZX	ELLE
	Instrument ID: M17									

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Analyst References:

Lab: EET PIT

Batch Type: Prep

DVC = Daniel Capodanno

MKK = Mary Kenny

Batch Type: Analysis

ELS = Edwin Shireman

JMO = John Oravec

RSR = Roseann Ruyechan

VVP = Vincent Piccolino

Lab: ELLE

Batch Type: Prep

HNC4 = Mindy Schantzenbach

RFN5 = Aniyah Oxendine

RZZ4 = McKenzie Erickson

UK3O = Rebecca Williams

VDC4 = Alaina Christ

VT6A = Akram Girgis

Batch Type: Analysis

E5GC = Priest McKenzie

F2QS = Hannah Levy

IJ3I = Elizabeth Brittingham

M4QQ = Pamela Cray

MT26 = Jason Knight

P7EB = Madison McGowan

T8CQ = Sera Bargo

X3ZX = Skyler Ruf

Client Sample ID: SSHS-IRM5A2-SCV123-0.5-1
Lab Sample ID: 180-202504-1
Date Collected: 03/03/26 11:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		16	4.7	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Benzene	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Bromoform	ND		7.8	3.9	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Bromomethane	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
2-Butanone (MEK)	ND		7.8	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Carbon disulfide	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Carbon tetrachloride	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Chlorobenzene	ND		3.9	0.70	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Chlorobromomethane	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Chlorodibromomethane	ND		3.9	0.39	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Chloroethane	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Chloroform	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Chloromethane	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
cis-1,2-Dichloroethene	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
cis-1,3-Dichloropropene	ND		3.9	0.47	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Cyclohexane	ND		3.9	0.70	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,2-Dibromo-3-Chloropropane	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,2-Dibromoethane	ND		3.9	0.55	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,2-Dichlorobenzene	ND		3.9	0.70	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,3-Dichlorobenzene	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,4-Dichlorobenzene	ND		3.9	0.70	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Dichlorobromomethane	ND		3.9	0.55	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Dichlorodifluoromethane	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,1-Dichloroethane	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,2-Dichloroethane	ND		3.9	0.47	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,1-Dichloroethene	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,2-Dichloroethene, Total	ND		7.8	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,2-Dichloropropane	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,4-Dioxane	ND		200	29	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Ethylbenzene	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
2-Hexanone	ND		7.8	2.0	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Isopropylbenzene	ND		3.9	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Methyl acetate	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Methylcyclohexane	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Methylene Chloride	**3.4**	**J**	3.9	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
4-Methyl-2-pentanone (MIBK)	ND		7.8	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Methyl tert-butyl ether	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
m-Xylene & p-Xylene	ND		3.9	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
o-Xylene	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Styrene	ND		3.9	0.70	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,1,2,2-Tetrachloroethane	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Tetrachloroethene	ND		3.9	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Toluene	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
trans-1,2-Dichloroethene	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
trans-1,3-Dichloropropene	ND		3.9	0.47	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,2,3-Trichlorobenzene	ND		7.8	3.9	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,2,4-Trichlorobenzene	ND		7.8	3.9	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,1,1-Trichloroethane	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,1,2-Trichloroethane	ND		3.9	0.55	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV123-0.5-1
Lab Sample ID: 180-202504-1
Date Collected: 03/03/26 11:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Trichlorofluoromethane	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.8	0.70	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Vinyl chloride	ND		3.9	0.63	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1
Xylenes, Total	ND		7.8	0.55	ug/Kg	☼	03/05/26 09:41	03/16/26 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*03/05/26 09:41*	*03/16/26 00:59*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*03/05/26 09:41*	*03/16/26 00:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*03/05/26 09:41*	*03/16/26 00:59*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*03/05/26 09:41*	*03/16/26 00:59*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.1		1.0	1.0	%			03/06/26 10:08	1

Client Sample ID: SSHS-IRM5A2-SCV114-0-0.17
Lab Sample ID: 180-202504-2
Date Collected: 03/03/26 12:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Acenaphthylene	**57**	**J**	77	17	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Acetophenone	ND		770	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Anthracene	**79**		77	20	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Atrazine	ND		770	170	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Benzaldehyde	ND		770	47	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Benzo[a]anthracene	**320**		77	35	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Benzo[a]pyrene	**240**		77	33	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Benzo[b]fluoranthene	**280**		77	19	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Benzo[g,h,i]perylene	**130**		77	17	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Benzo[k]fluoranthene	**120**		77	23	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Carbazole	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Chrysene	**310**		77	42	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2,4-Dichlorophenol	ND		77	29	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Dimethyl phthalate	ND		770	420	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
4,6-Dinitro-2-methylphenol	ND		1900	660	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Fluoranthene	**500**		77	20	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Fluorene	ND		77	15	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Indeno[1,2,3-cd]pyrene	**120**		77	38	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Isophorone	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1

Client Sample ID: SSHS-IRM5A2-SCV114-0-0.17
Lab Sample ID: 180-202504-2
Date Collected: 03/03/26 12:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Naphthalene	ND		77	15	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
3-Nitroaniline	ND		1900	97	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Phenanthrene	**220**		77	21	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Phenol	ND		380	120	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
Pyrene	**510**		77	27	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*44 - 105*	*03/05/26 13:04*	*03/09/26 18:26*	*1*
2-Fluorophenol (Surr)	*52*		*48 - 105*	*03/05/26 13:04*	*03/09/26 18:26*	*1*
Nitrobenzene-d5 (Surr)	*61*		*46 - 105*	*03/05/26 13:04*	*03/09/26 18:26*	*1*
Phenol-d5 (Surr)	*55*		*46 - 105*	*03/05/26 13:04*	*03/09/26 18:26*	*1*
Terphenyl-d14 (Surr)	*67*		*39 - 105*	*03/05/26 13:04*	*03/09/26 18:26*	*1*
2,4,6-Tribromophenol (Surr)	*43*		*34 - 108*	*03/05/26 13:04*	*03/09/26 18:26*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 13:30	03/09/26 21:17	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/05/26 13:30	03/09/26 21:17	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/05/26 13:30	03/09/26 21:17	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 13:30	03/09/26 21:17	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 21:17	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/05/26 13:30	03/09/26 21:17	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/05/26 13:30	03/09/26 21:17	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/05/26 13:30	03/09/26 21:17	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 13:30	03/09/26 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*68*		*26 - 142*	*03/05/26 13:30*	*03/09/26 21:17*	*1*
DCB Decachlorobiphenyl (Surr)	*66*		*26 - 142*	*03/05/26 13:30*	*03/09/26 21:17*	*1*
Tetrachloro-m-xylene (Surr)	*76*		*17 - 144*	*03/05/26 13:30*	*03/09/26 21:17*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*17 - 144*	*03/05/26 13:30*	*03/09/26 21:17*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		32	9.5	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Antimony	ND		5.3	1.8	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV114-0-0.17
Lab Sample ID: 180-202504-2
Date Collected: 03/03/26 12:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.0

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.3		5.3	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Barium	68		0.53	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Beryllium	0.46	J	0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Cadmium	ND		0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Calcium	18000		53	22	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Chromium	14		1.6	0.63	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Cobalt	7.6		0.53	0.15	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Copper	20		2.1	0.81	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Iron	20000		21	8.5	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Lead	15		1.6	0.63	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Magnesium	5200		21	4.2	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Manganese	420		1.1	0.42	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Nickel	18		1.1	0.42	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Potassium	1300		110	37	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Selenium	ND		5.3	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Silver	ND		1.1	0.42	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Sodium	59	J	110	42	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Vanadium	16		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1
Zinc	66		2.1	0.85	mg/Kg	☼	03/07/26 07:30	03/10/26 16:21	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052	J	0.068	0.023	mg/Kg	☼	03/09/26 15:02	03/09/26 22:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.0		0.1	0.1	%			03/06/26 16:56	1
Percent Solids (EPA Moisture)	86.0		0.1	0.1	%			03/06/26 16:56	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV114-0.17-1
Lab Sample ID: 180-202504-3
Date Collected: 03/03/26 12:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	22	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Acetophenone	ND		750	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Anthracene	ND		75	19	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Atrazine	ND		750	160	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Benzaldehyde	ND		750	47	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Benzo[a]anthracene	**65**	**J**	75	34	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Benzo[a]pyrene	**69**	**J**	75	32	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Benzo[b]fluoranthene	**93**		75	18	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Benzo[g,h,i]perylene	**58**	**J**	75	16	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Benzo[k]fluoranthene	**33**	**J**	75	22	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Carbazole	ND		75	18	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Chrysene	**73**	**J**	75	42	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
1,4-Dioxane	ND		750	240	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Fluoranthene	**110**		75	20	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Fluorene	ND		75	15	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Indeno[1,2,3-cd]pyrene	**49**	**J**	75	37	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1

Client Sample ID: SSHS-IRM5A2-SCV114-0.17-1
Lab Sample ID: 180-202504-3
Date Collected: 03/03/26 12:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Naphthalene	ND		75	15	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Phenanthrene	**49**	**J**	75	20	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
Pyrene	**120**		75	26	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*44 - 105*	*03/05/26 13:04*	*03/09/26 18:49*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*03/05/26 13:04*	*03/09/26 18:49*	*1*
Nitrobenzene-d5 (Surr)	*79*		*46 - 105*	*03/05/26 13:04*	*03/09/26 18:49*	*1*
Phenol-d5 (Surr)	*70*		*46 - 105*	*03/05/26 13:04*	*03/09/26 18:49*	*1*
Terphenyl-d14 (Surr)	*83*		*39 - 105*	*03/05/26 13:04*	*03/09/26 18:49*	*1*
2,4,6-Tribromophenol (Surr)	*51*		*34 - 108*	*03/05/26 13:04*	*03/09/26 18:49*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 13:30	03/09/26 21:34	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/05/26 13:30	03/09/26 21:34	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/05/26 13:30	03/09/26 21:34	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 13:30	03/09/26 21:34	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 21:34	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 13:30	03/09/26 21:34	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/05/26 13:30	03/09/26 21:34	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/05/26 13:30	03/09/26 21:34	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 13:30	03/09/26 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*26 - 142*	*03/05/26 13:30*	*03/09/26 21:34*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*26 - 142*	*03/05/26 13:30*	*03/09/26 21:34*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*17 - 144*	*03/05/26 13:30*	*03/09/26 21:34*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*17 - 144*	*03/05/26 13:30*	*03/09/26 21:34*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV114-0.17-1
Lab Sample ID: 180-202504-3
Date Collected: 03/03/26 12:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.20	0.059	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorooctanesulfonic acid (PFOS)	**0.34**		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1

Client Sample ID: SSHS-IRM5A2-SCV114-0.17-1 | **Lab Sample ID: 180-202504-3**
Date Collected: 03/03/26 12:20 | **Matrix: Solid**
Date Received: 03/05/26 09:30 | **Percent Solids: 86.4**

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	03/09/26 07:10	03/10/26 15:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*78.6*		*8 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C5-PFPeA	*72.3*		*35 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C5-PFHxA	*80.9*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C4-PFHpA	*79.7*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C8-PFOA	*85.8*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C9-PFNA	*89.8*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C6-PFDA	*95.4*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C7-PFUnA	*96.8*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C2 PFDoA	*92.7*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C2-PFTeDA	*85.6*		*20 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C3-PFBS	*77.5*		*40 - 135*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C3-PFHxS	*83.3*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C8-PFOS	*104*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C8-PFOSA	*93.5*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
d3-NMeFOSAA	*89.0*		*40 - 135*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
d5-NEtFOSAA	*95.5*		*40 - 150*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C2 4:2 FTS	*98.6*		*40 - 165*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C2 6:2 FTS	*96.3*		*40 - 215*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C2 8:2 FTS	*166*		*40 - 275*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
13C3-HFPO-DA	*71.6*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
D7-NMeFOSE	*70.6*		*20 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
D9-NEtFOSE	*59.6*		*15 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
d5-NEtPFOSA	*85.1*		*10 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*
d3-NMePFOSA	*83.2*		*10 - 130*	*03/09/26 07:10*	*03/10/26 15:15*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		32	9.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Antimony	ND		5.4	1.8	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Arsenic	**6.7**		5.4	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Barium	**78**		0.54	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Beryllium	**0.51**	**J**	0.54	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Cadmium	ND		0.54	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Calcium	**22000**		54	23	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Chromium	**14**		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Cobalt	**7.6**		0.54	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Copper	**23**		2.1	0.83	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Iron	**21000**		21	8.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Lead	**16**		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Magnesium	**5600**		21	4.3	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Manganese	**400**		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Nickel	**18**		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV114-0.17-1
Lab Sample ID: 180-202504-3
Date Collected: 03/03/26 12:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1400		110	38	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Selenium	ND		5.4	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Silver	ND		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Sodium	88	J	110	43	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Vanadium	17		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1
Zinc	69		2.1	0.86	mg/Kg	☼	03/07/26 07:30	03/10/26 16:24	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054	J	0.065	0.022	mg/Kg	☼	03/09/26 15:02	03/09/26 22:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.6		0.1	0.1	%			03/06/26 16:56	1
Percent Solids (EPA Moisture)	86.4		0.1	0.1	%			03/06/26 16:56	1

Client Sample ID: SSHS-IRM5A2-SCV114-0.5-1
Lab Sample ID: 180-202504-4
Date Collected: 03/03/26 12:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		16	4.7	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Benzene	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Bromoform	ND		7.8	3.9	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Bromomethane	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
2-Butanone (MEK)	ND		7.8	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Carbon disulfide	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Carbon tetrachloride	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Chlorobenzene	ND		3.9	0.70	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Chlorobromomethane	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Chlorodibromomethane	ND		3.9	0.39	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Chloroethane	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Chloroform	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Chloromethane	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
cis-1,2-Dichloroethene	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
cis-1,3-Dichloropropene	ND		3.9	0.47	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Cyclohexane	ND		3.9	0.70	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,2-Dibromo-3-Chloropropane	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,2-Dibromoethane	ND		3.9	0.54	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,2-Dichlorobenzene	ND		3.9	0.70	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,3-Dichlorobenzene	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,4-Dichlorobenzene	ND		3.9	0.70	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Dichlorobromomethane	ND		3.9	0.54	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Dichlorodifluoromethane	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,1-Dichloroethane	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,2-Dichloroethane	ND		3.9	0.47	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,1-Dichloroethene	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,2-Dichloroethene, Total	ND		7.8	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,2-Dichloropropane	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,4-Dioxane	ND		190	29	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Ethylbenzene	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
2-Hexanone	ND		7.8	1.9	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Isopropylbenzene	ND		3.9	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Methyl acetate	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Methylcyclohexane	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Methylene Chloride	**5.8**		3.9	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
4-Methyl-2-pentanone (MIBK)	ND		7.8	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Methyl tert-butyl ether	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
m-Xylene & p-Xylene	ND		3.9	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
o-Xylene	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Styrene	ND		3.9	0.70	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,1,2,2-Tetrachloroethane	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Tetrachloroethene	ND		3.9	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Toluene	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
trans-1,2-Dichloroethene	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
trans-1,3-Dichloropropene	ND		3.9	0.47	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,2,3-Trichlorobenzene	ND		7.8	3.9	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,2,4-Trichlorobenzene	ND		7.8	3.9	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,1,1-Trichloroethane	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,1,2-Trichloroethane	ND		3.9	0.54	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV114-0.5-1
Lab Sample ID: 180-202504-4
Date Collected: 03/03/26 12:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Trichlorofluoromethane	ND		3.9	0.78	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.8	0.70	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Vinyl chloride	ND		3.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1
Xylenes, Total	ND		7.8	0.54	ug/Kg	☼	03/05/26 09:41	03/16/26 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*50 - 131*	*03/05/26 09:41*	*03/16/26 01:21*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 141*	*03/05/26 09:41*	*03/16/26 01:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*03/05/26 09:41*	*03/16/26 01:21*	*1*
Toluene-d8 (Surr)	*106*		*52 - 141*	*03/05/26 09:41*	*03/16/26 01:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.3**		1.0	1.0	%			03/06/26 10:08	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV115-0-0.17
Lab Sample ID: 180-202504-5
Date Collected: 03/03/26 12:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	21	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Acetophenone	ND		750	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Anthracene	ND		75	19	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Atrazine	ND		750	160	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Benzaldehyde	ND		750	46	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Benzo[a]anthracene	**34**	**J**	75	34	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Benzo[a]pyrene	ND		75	32	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Benzo[b]fluoranthene	**45**	**J**	75	18	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Benzo[g,h,i]perylene	ND		75	16	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Benzo[k]fluoranthene	ND		75	22	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Carbazole	ND		75	17	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Chrysene	ND		75	41	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Fluoranthene	**51**	**J**	75	20	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Fluorene	ND		75	15	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Indeno[1,2,3-cd]pyrene	ND		75	37	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1

Client Sample ID: SSHS-IRM5A2-SCV115-0-0.17
Lab Sample ID: 180-202504-5
Date Collected: 03/03/26 12:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Naphthalene	ND		75	15	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Phenanthrene	**26**	**J**	75	20	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
Pyrene	**53**	**J**	75	26	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*44 - 105*	*03/05/26 13:04*	*03/09/26 19:11*	*1*
2-Fluorophenol (Surr)	*69*		*48 - 105*	*03/05/26 13:04*	*03/09/26 19:11*	*1*
Nitrobenzene-d5 (Surr)	*77*		*46 - 105*	*03/05/26 13:04*	*03/09/26 19:11*	*1*
Phenol-d5 (Surr)	*67*		*46 - 105*	*03/05/26 13:04*	*03/09/26 19:11*	*1*
Terphenyl-d14 (Surr)	*76*		*39 - 105*	*03/05/26 13:04*	*03/09/26 19:11*	*1*
2,4,6-Tribromophenol (Surr)	*48*		*34 - 108*	*03/05/26 13:04*	*03/09/26 19:11*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	03/05/26 13:30	03/09/26 21:52	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/05/26 13:30	03/09/26 21:52	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/05/26 13:30	03/09/26 21:52	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 13:30	03/09/26 21:52	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 21:52	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/05/26 13:30	03/09/26 21:52	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/05/26 13:30	03/09/26 21:52	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/05/26 13:30	03/09/26 21:52	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 13:30	03/09/26 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*74*		*26 - 142*	*03/05/26 13:30*	*03/09/26 21:52*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*26 - 142*	*03/05/26 13:30*	*03/09/26 21:52*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*17 - 144*	*03/05/26 13:30*	*03/09/26 21:52*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*17 - 144*	*03/05/26 13:30*	*03/09/26 21:52*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		35	10	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Antimony	ND		5.8	2.0	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1

Client Sample ID: SSHS-IRM5A2-SCV115-0-0.17
Lab Sample ID: 180-202504-5

Date Collected: 03/03/26 12:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		5.8	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Barium	76		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Beryllium	0.51	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Cadmium	ND		0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Calcium	27000		58	24	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Chromium	14		1.7	0.69	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Cobalt	8.0		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Copper	20		2.3	0.89	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Iron	20000		23	9.2	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Lead	15		1.7	0.69	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Magnesium	5400		23	4.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Manganese	430		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Nickel	19		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Potassium	1500		120	40	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Silver	ND		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Sodium	62	J	120	46	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Vanadium	16		1.2	0.50	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1
Zinc	68		2.3	0.92	mg/Kg	☼	03/07/26 07:30	03/10/26 16:28	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047	J	0.068	0.023	mg/Kg	☼	03/09/26 15:02	03/09/26 22:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.4		0.1	0.1	%			03/06/26 16:56	1
Percent Solids (EPA Moisture)	86.6		0.1	0.1	%			03/06/26 16:56	1

Client Sample ID: SSHS-IRM5A2-SCV115-0.17-1
Lab Sample ID: 180-202504-6
Date Collected: 03/03/26 12:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	21	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Acetophenone	ND		750	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Anthracene	ND		75	19	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Atrazine	ND		750	160	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Benzaldehyde	ND		750	46	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Benzo[a]anthracene	**38**	**J**	75	34	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Benzo[a]pyrene	ND		75	32	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Benzo[b]fluoranthene	**49**	**J**	75	18	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Benzo[g,h,i]perylene	ND		75	16	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Benzo[k]fluoranthene	ND		75	22	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Carbazole	ND		75	17	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Chrysene	**41**	**J**	75	41	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Fluoranthene	**55**	**J**	75	20	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Fluorene	ND		75	15	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Indeno[1,2,3-cd]pyrene	ND		75	37	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1

Client Sample ID: SSHS-IRM5A2-SCV115-0.17-1
Lab Sample ID: 180-202504-6
Date Collected: 03/03/26 12:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Naphthalene	ND		75	15	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Phenanthrene	**23**	**J**	75	20	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
Pyrene	**63**	**J**	75	26	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*44 - 105*	*03/05/26 13:04*	*03/09/26 19:34*	*1*
2-Fluorophenol (Surr)	*69*		*48 - 105*	*03/05/26 13:04*	*03/09/26 19:34*	*1*
Nitrobenzene-d5 (Surr)	*79*		*46 - 105*	*03/05/26 13:04*	*03/09/26 19:34*	*1*
Phenol-d5 (Surr)	*68*		*46 - 105*	*03/05/26 13:04*	*03/09/26 19:34*	*1*
Terphenyl-d14 (Surr)	*82*		*39 - 105*	*03/05/26 13:04*	*03/09/26 19:34*	*1*
2,4,6-Tribromophenol (Surr)	*48*		*34 - 108*	*03/05/26 13:04*	*03/09/26 19:34*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/05/26 13:30	03/09/26 22:10	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/05/26 13:30	03/09/26 22:10	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 22:10	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 13:30	03/09/26 22:10	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 13:30	03/09/26 22:10	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 13:30	03/09/26 22:10	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 13:30	03/09/26 22:10	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/05/26 13:30	03/09/26 22:10	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 13:30	03/09/26 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/05/26 13:30*	*03/09/26 22:10*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*26 - 142*	*03/05/26 13:30*	*03/09/26 22:10*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 144*	*03/05/26 13:30*	*03/09/26 22:10*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*17 - 144*	*03/05/26 13:30*	*03/09/26 22:10*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		31	9.4	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Antimony	ND		5.2	1.8	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1

Client Sample ID: SSHS-IRM5A2-SCV115-0.17-1
Lab Sample ID: 180-202504-6
Date Collected: 03/03/26 12:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.7

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		5.2	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Barium	80		0.52	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Beryllium	0.49	J	0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Cadmium	ND		0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Calcium	20000		52	22	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Chromium	14		1.6	0.63	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Cobalt	8.0		0.52	0.15	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Copper	21		2.1	0.81	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Iron	20000		21	8.4	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Lead	17		1.6	0.63	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Magnesium	5300		21	4.2	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Manganese	440		1.0	0.42	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Nickel	19		1.0	0.42	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Potassium	1300		100	37	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Selenium	ND		5.2	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Silver	ND		1.0	0.42	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Sodium	57	J	100	42	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Thallium	ND		3.1	1.4	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Vanadium	16		1.0	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1
Zinc	68		2.1	0.84	mg/Kg	☼	03/07/26 07:30	03/10/26 16:31	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	J	0.066	0.022	mg/Kg	☼	03/09/26 15:02	03/09/26 22:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.3		0.1	0.1	%			03/06/26 16:56	1
Percent Solids (EPA Moisture)	86.7		0.1	0.1	%			03/06/26 16:56	1

Client Sample ID: SSHS-IRM5A2-SCV116-0-0.17
Lab Sample ID: 180-202504-7
Date Collected: 03/03/26 12:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Acenaphthylene	ND		76	17	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Acetophenone	ND		760	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Anthracene	ND		76	20	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Atrazine	ND		760	170	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Benzo[a]anthracene	ND		76	34	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Benzo[a]pyrene	ND		76	33	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Benzo[b]fluoranthene	**35**	**J**	76	19	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Benzo[g,h,i]perylene	ND		76	16	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Benzo[k]fluoranthene	ND		76	23	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Bis(2-ethylhexyl) phthalate	ND		3800	400	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Carbazole	ND		76	18	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Chrysene	ND		76	42	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Dibenz(a,h)anthracene	ND		76	49	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
3,3'-Dichlorobenzidine	ND		380	350	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Di-n-butyl phthalate	ND		3800	790	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
4,6-Dinitro-2-methylphenol	ND		1900	660	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Fluoranthene	**37**	**J**	76	20	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Fluorene	ND		76	15	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Hexachloroethane	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Indeno[1,2,3-cd]pyrene	ND		76	38	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Isophorone	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1

Client Sample ID: SSHS-IRM5A2-SCV116-0-0.17
Lab Sample ID: 180-202504-7
Date Collected: 03/03/26 12:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Naphthalene	ND		76	15	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
3-Nitroaniline	ND		1900	97	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Phenanthrene	ND		76	20	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Phenol	ND		380	120	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
Pyrene	**50**	**J**	76	27	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*44 - 105*	*03/05/26 13:04*	*03/09/26 19:56*	*1*
2-Fluorophenol (Surr)	*62*		*48 - 105*	*03/05/26 13:04*	*03/09/26 19:56*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*03/05/26 13:04*	*03/09/26 19:56*	*1*
Phenol-d5 (Surr)	*60*		*46 - 105*	*03/05/26 13:04*	*03/09/26 19:56*	*1*
Terphenyl-d14 (Surr)	*77*		*39 - 105*	*03/05/26 13:04*	*03/09/26 19:56*	*1*
2,4,6-Tribromophenol (Surr)	*46*		*34 - 108*	*03/05/26 13:04*	*03/09/26 19:56*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 13:30	03/09/26 22:28	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/05/26 13:30	03/09/26 22:28	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 22:28	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 13:30	03/09/26 22:28	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 22:28	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 13:30	03/09/26 22:28	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 13:30	03/09/26 22:28	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/05/26 13:30	03/09/26 22:28	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 13:30	03/09/26 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*26 - 142*	*03/05/26 13:30*	*03/09/26 22:28*	*1*
DCB Decachlorobiphenyl (Surr)	*78*		*26 - 142*	*03/05/26 13:30*	*03/09/26 22:28*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*17 - 144*	*03/05/26 13:30*	*03/09/26 22:28*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*	*03/05/26 13:30*	*03/09/26 22:28*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		32	9.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Antimony	ND		5.3	1.8	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1

Client Sample ID: SSHS-IRM5A2-SCV116-0-0.17
Lab Sample ID: 180-202504-7

Date Collected: 03/03/26 12:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.1

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.1		5.3	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Barium	70		0.53	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Beryllium	0.53		0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Cadmium	ND		0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Calcium	21000		53	22	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Chromium	15		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Cobalt	8.1		0.53	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Copper	26		2.1	0.82	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Iron	24000		21	8.5	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Lead	14		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Magnesium	5900		21	4.3	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Manganese	450		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Nickel	20		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Potassium	1300		110	37	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Selenium	ND		5.3	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Silver	ND		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Sodium	63	J	110	43	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Vanadium	17		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1
Zinc	69		2.1	0.85	mg/Kg	☼	03/07/26 07:30	03/10/26 16:35	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.065	0.022	mg/Kg	☼	03/09/26 15:02	03/09/26 22:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.9		0.1	0.1	%			03/06/26 16:56	1
Percent Solids (EPA Moisture)	85.1		0.1	0.1	%			03/06/26 16:56	1

Client Sample ID: SSHS-IRM5A2-SCV116-0.17-1
Lab Sample ID: 180-202504-8
Date Collected: 03/03/26 12:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Acenaphthylene	ND		74	16	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Acetophenone	ND		740	130	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Anthracene	ND		74	19	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Atrazine	ND		740	160	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Benzaldehyde	ND		740	46	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Benzo[a]anthracene	ND		74	33	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Benzo[a]pyrene	ND		74	32	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Benzo[b]fluoranthene	**36**	**J**	74	18	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Benzo[g,h,i]perylene	ND		74	16	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Benzo[k]fluoranthene	ND		74	22	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Bis(2-chloroethyl)ether	ND		74	23	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Carbazole	ND		74	17	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Chrysene	ND		74	41	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Dibenzofuran	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Dimethyl phthalate	ND		740	410	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Di-n-butyl phthalate	ND		3600	770	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
1,4-Dioxane	ND		740	230	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Fluoranthene	**43**	**J**	74	19	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Fluorene	ND		74	14	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Hexachlorocyclopentadiene	ND		360	100	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Hexachloroethane	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Indeno[1,2,3-cd]pyrene	ND		74	37	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Isophorone	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2-Methylphenol	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1

Client Sample ID: SSHS-IRM5A2-SCV116-0.17-1
Lab Sample ID: 180-202504-8
Date Collected: 03/03/26 12:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Naphthalene	ND		74	14	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Nitrobenzene	ND		740	130	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Phenanthrene	ND		74	20	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Phenol	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
Pyrene	**37**	**J**	74	26	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*03/05/26 12:19*	*03/09/26 13:52*	*1*
2-Fluorophenol (Surr)	*69*		*48 - 105*	*03/05/26 12:19*	*03/09/26 13:52*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*03/05/26 12:19*	*03/09/26 13:52*	*1*
Phenol-d5 (Surr)	*70*		*46 - 105*	*03/05/26 12:19*	*03/09/26 13:52*	*1*
Terphenyl-d14 (Surr)	*66*		*39 - 105*	*03/05/26 12:19*	*03/09/26 13:52*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*34 - 108*	*03/05/26 12:19*	*03/09/26 13:52*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	03/05/26 12:40	03/09/26 23:58	1
PCB-1221	ND		18	6.5	ug/Kg	☼	03/05/26 12:40	03/09/26 23:58	1
PCB-1232	ND		18	4.5	ug/Kg	☼	03/05/26 12:40	03/09/26 23:58	1
PCB-1242	ND		18	2.7	ug/Kg	☼	03/05/26 12:40	03/09/26 23:58	1
PCB-1248	ND		18	4.4	ug/Kg	☼	03/05/26 12:40	03/09/26 23:58	1
PCB-1254	ND		18	5.5	ug/Kg	☼	03/05/26 12:40	03/09/26 23:58	1
PCB-1260	ND		18	5.2	ug/Kg	☼	03/05/26 12:40	03/09/26 23:58	1
PCB-1262	ND		18	6.5	ug/Kg	☼	03/05/26 12:40	03/09/26 23:58	1
PCB-1268	ND		18	2.5	ug/Kg	☼	03/05/26 12:40	03/09/26 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*86*		*26 - 142*	*03/05/26 12:40*	*03/09/26 23:58*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*26 - 142*	*03/05/26 12:40*	*03/09/26 23:58*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/05/26 12:40*	*03/09/26 23:58*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/05/26 12:40*	*03/09/26 23:58*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		31	9.3	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Antimony	ND		5.1	1.8	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1

Client Sample ID: SSHS-IRM5A2-SCV116-0.17-1
Lab Sample ID: 180-202504-8

Date Collected: 03/03/26 12:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.3

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		5.1	1.4	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Barium	70		0.51	0.15	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Beryllium	0.49	J	0.51	0.10	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Cadmium	ND		0.51	0.10	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Calcium	30000		51	22	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Chromium	14		1.5	0.62	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Cobalt	7.8		0.51	0.15	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Copper	23		2.1	0.79	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Iron	21000		21	8.2	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Lead	16		1.5	0.62	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Magnesium	11000		21	4.1	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Manganese	420		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Nickel	19		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Potassium	1300		100	36	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Selenium	ND		5.1	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Silver	ND		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Sodium	70	J	100	41	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Thallium	ND		3.1	1.3	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Vanadium	18		1.0	0.44	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1
Zinc	69		2.1	0.82	mg/Kg	☼	03/07/26 07:30	03/10/26 16:38	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047	J	0.066	0.022	mg/Kg	☼	03/09/26 10:45	03/09/26 20:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.7		0.1	0.1	%			03/06/26 16:56	1
Percent Solids (EPA Moisture)	88.3		0.1	0.1	%			03/06/26 16:56	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV116-0.5-1
Lab Sample ID: 180-202504-9
Date Collected: 03/03/26 12:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**8.7**	**J**	17	5.1	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Benzene	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Bromoform	ND		8.5	4.3	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Bromomethane	ND		4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
2-Butanone (MEK)	ND		8.5	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Carbon disulfide	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Carbon tetrachloride	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Chlorobenzene	ND		4.3	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Chlorobromomethane	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Chlorodibromomethane	ND		4.3	0.43	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Chloroethane	ND		4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Chloroform	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Chloromethane	ND		4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
cis-1,2-Dichloroethene	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
cis-1,3-Dichloropropene	ND		4.3	0.51	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Cyclohexane	ND		4.3	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,2-Dibromo-3-Chloropropane	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,2-Dibromoethane	ND		4.3	0.60	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,2-Dichlorobenzene	ND		4.3	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,3-Dichlorobenzene	ND		4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,4-Dichlorobenzene	ND		4.3	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Dichlorobromomethane	ND		4.3	0.60	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Dichlorodifluoromethane	ND		4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,1-Dichloroethane	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,2-Dichloroethane	ND		4.3	0.51	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,1-Dichloroethene	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,2-Dichloroethene, Total	ND		8.5	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,2-Dichloropropane	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,4-Dioxane	ND		210	31	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Ethylbenzene	ND		4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
2-Hexanone	ND		8.5	2.1	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Isopropylbenzene	ND		4.3	1.3	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Methyl acetate	ND		4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Methylcyclohexane	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Methylene Chloride	**2.1**	**J**	4.3	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
4-Methyl-2-pentanone (MIBK)	ND		8.5	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Methyl tert-butyl ether	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
m-Xylene & p-Xylene	ND		4.3	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
o-Xylene	ND		4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Styrene	ND		4.3	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,1,2,2-Tetrachloroethane	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Tetrachloroethene	ND		4.3	1.3	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Toluene	ND		4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
trans-1,2-Dichloroethene	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
trans-1,3-Dichloropropene	ND		4.3	0.51	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,2,3-Trichlorobenzene	ND		8.5	4.3	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,2,4-Trichlorobenzene	ND		8.5	4.3	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,1,1-Trichloroethane	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,1,2-Trichloroethane	ND		4.3	0.60	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV116-0.5-1
Lab Sample ID: 180-202504-9
Date Collected: 03/03/26 12:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Trichlorofluoromethane	ND		4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Vinyl chloride	ND		4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1
Xylenes, Total	ND		8.5	0.60	ug/Kg	☼	03/05/26 09:41	03/16/26 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*03/05/26 09:41*	*03/16/26 02:06*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*03/05/26 09:41*	*03/16/26 02:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*54 - 135*	*03/05/26 09:41*	*03/16/26 02:06*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*03/05/26 09:41*	*03/16/26 02:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.4**		1.0	1.0	%			03/06/26 10:08	1

Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Lab Sample ID: 180-202504-10
Date Collected: 03/03/26 12:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Acenaphthylene	ND		76	17	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Acetophenone	ND		760	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Anthracene	ND		76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Atrazine	ND		760	170	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Benzo[a]anthracene	**34**	**J**	76	34	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Benzo[a]pyrene	**36**	**J**	76	33	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Benzo[b]fluoranthene	**50**	**J**	76	19	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Benzo[g,h,i]perylene	ND		76	16	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Benzo[k]fluoranthene	ND		76	23	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Bis(2-ethylhexyl) phthalate	ND		3800	400	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Carbazole	ND		76	18	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Chrysene	ND		76	42	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Dibenz(a,h)anthracene	ND		76	49	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
3,3'-Dichlorobenzidine	ND		380	350	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Di-n-butyl phthalate	ND		3800	790	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
4,6-Dinitro-2-methylphenol	ND		1900	660	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Fluoranthene	**70**	**J**	76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Fluorene	ND		76	15	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Hexachloroethane	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Indeno[1,2,3-cd]pyrene	ND		76	38	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Isophorone	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1

Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Lab Sample ID: 180-202504-10
Date Collected: 03/03/26 12:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Naphthalene	ND		76	15	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
3-Nitroaniline	ND		1900	97	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Phenanthrene	**31**	**J**	76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Phenol	ND		380	120	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
Pyrene	**58**	**J**	76	27	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*44 - 105*	*03/05/26 12:19*	*03/09/26 14:15*	*1*
2-Fluorophenol (Surr)	*69*		*48 - 105*	*03/05/26 12:19*	*03/09/26 14:15*	*1*
Nitrobenzene-d5 (Surr)	*73*		*46 - 105*	*03/05/26 12:19*	*03/09/26 14:15*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*03/05/26 12:19*	*03/09/26 14:15*	*1*
Terphenyl-d14 (Surr)	*67*		*39 - 105*	*03/05/26 12:19*	*03/09/26 14:15*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*34 - 108*	*03/05/26 12:19*	*03/09/26 14:15*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 12:40	03/10/26 00:16	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/05/26 12:40	03/10/26 00:16	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 12:40	03/10/26 00:16	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 12:40	03/10/26 00:16	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 12:40	03/10/26 00:16	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 12:40	03/10/26 00:16	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 12:40	03/10/26 00:16	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/05/26 12:40	03/10/26 00:16	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 12:40	03/10/26 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*87*		*26 - 142*	*03/05/26 12:40*	*03/10/26 00:16*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*26 - 142*	*03/05/26 12:40*	*03/10/26 00:16*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*17 - 144*	*03/05/26 12:40*	*03/10/26 00:16*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*17 - 144*	*03/05/26 12:40*	*03/10/26 00:16*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Lab Sample ID: 180-202504-10
Date Collected: 03/03/26 12:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorooctanoic acid (PFOA)	**0.085**	**J**	0.20	0.059	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorooctanesulfonic acid (PFOS)	**0.33**		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1

Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Lab Sample ID: 180-202504-10

Date Collected: 03/03/26 12:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.9

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/09/26 07:10	03/10/26 15:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*76.7*		*8 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C5-PFPeA	*72.3*		*35 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C5-PFHxA	*75.3*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C4-PFHpA	*73.4*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C8-PFOA	*81.3*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C9-PFNA	*73.7*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C6-PFDA	*82.3*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C7-PFUnA	*84.0*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C2 PFDoA	*80.1*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C2-PFTeDA	*73.5*		*20 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C3-PFBS	*76.7*		*40 - 135*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C3-PFHxS	*76.4*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C8-PFOS	*86.9*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C8-PFOSA	*79.4*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
d3-NMeFOSAA	*76.0*		*40 - 135*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
d5-NEtFOSAA	*83.1*		*40 - 150*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C2 4:2 FTS	*104*		*40 - 165*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C2 6:2 FTS	*89.9*		*40 - 215*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C2 8:2 FTS	*139*		*40 - 275*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
13C3-HFPO-DA	*67.7*		*40 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
D7-NMeFOSE	*32.2*		*20 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
D9-NEtFOSE	*18.9*		*15 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
d5-NEtPFOSA	*71.6*		*10 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*
d3-NMePFOSA	*67.5*		*10 - 130*	*03/09/26 07:10*	*03/10/26 15:29*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		34	10	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Antimony	ND		5.7	1.9	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Arsenic	**6.7**		5.7	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Barium	**66**		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Beryllium	**0.50**	**J**	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Cadmium	ND		0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Calcium	**30000**		57	24	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Chromium	**14**		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Cobalt	**7.6**		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Copper	**22**		2.3	0.88	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Iron	**20000**		23	9.1	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Lead	**14**		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Magnesium	**5800**		23	4.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Manganese	**400**		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Nickel	**19**		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Lab Sample ID: 180-202504-10
Date Collected: 03/03/26 12:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.9

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1400**		110	40	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Silver	ND		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Sodium	**63**	**J**	110	46	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Vanadium	**16**		1.1	0.49	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1
Zinc	**68**		2.3	0.91	mg/Kg	☼	03/07/26 07:30	03/10/26 16:42	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.048**	**J**	0.067	0.022	mg/Kg	☼	03/09/26 10:45	03/09/26 20:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**14.1**		0.1	0.1	%			03/06/26 16:56	1
Percent Solids (EPA Moisture)	**85.9**		0.1	0.1	%			03/06/26 16:56	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV117-0.17-1
Lab Sample ID: 180-202504-11
Date Collected: 03/03/26 12:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Acenaphthylene	ND		74	16	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Acetophenone	ND		740	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Anthracene	**56**	**J**	74	19	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Atrazine	ND		740	160	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Benzaldehyde	ND		740	46	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Benzo[a]anthracene	**240**		74	33	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Benzo[a]pyrene	**240**		74	32	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Benzo[b]fluoranthene	**330**		74	18	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Benzo[g,h,i]perylene	**170**		74	16	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Benzo[k]fluoranthene	**140**		74	22	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Bis(2-chloroethyl)ether	ND		74	23	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Carbazole	**22**	**J**	74	17	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Chrysene	**270**		74	41	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Dibenz(a,h)anthracene	**48**	**J**	74	47	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Dibenzofuran	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Dimethyl phthalate	ND		740	410	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Di-n-butyl phthalate	ND		3600	760	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
1,4-Dioxane	ND		740	230	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Fluoranthene	**600**		74	19	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Fluorene	ND		74	14	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Hexachlorobutadiene	ND		74	21	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Hexachlorocyclopentadiene	ND		360	100	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Hexachloroethane	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Indeno[1,2,3-cd]pyrene	**150**		74	37	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Isophorone	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2-Methylphenol	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1

Client Sample ID: SSHS-IRM5A2-SCV117-0.17-1
Lab Sample ID: 180-202504-11
Date Collected: 03/03/26 12:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Naphthalene	ND		74	14	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
3-Nitroaniline	ND		1900	93	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Nitrobenzene	ND		740	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Phenanthrene	**340**		74	20	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Phenol	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
Pyrene	**460**		74	26	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*44 - 105*	*03/05/26 12:19*	*03/09/26 14:37*	*1*
2-Fluorophenol (Surr)	*66*		*48 - 105*	*03/05/26 12:19*	*03/09/26 14:37*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*03/05/26 12:19*	*03/09/26 14:37*	*1*
Phenol-d5 (Surr)	*67*		*46 - 105*	*03/05/26 12:19*	*03/09/26 14:37*	*1*
Terphenyl-d14 (Surr)	*65*		*39 - 105*	*03/05/26 12:19*	*03/09/26 14:37*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*34 - 108*	*03/05/26 12:19*	*03/09/26 14:37*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	03/05/26 12:40	03/10/26 00:34	1
PCB-1221	ND		18	6.5	ug/Kg	☼	03/05/26 12:40	03/10/26 00:34	1
PCB-1232	ND		18	4.4	ug/Kg	☼	03/05/26 12:40	03/10/26 00:34	1
PCB-1242	ND		18	2.7	ug/Kg	☼	03/05/26 12:40	03/10/26 00:34	1
PCB-1248	ND		18	4.4	ug/Kg	☼	03/05/26 12:40	03/10/26 00:34	1
PCB-1254	ND		18	5.5	ug/Kg	☼	03/05/26 12:40	03/10/26 00:34	1
PCB-1260	ND		18	5.2	ug/Kg	☼	03/05/26 12:40	03/10/26 00:34	1
PCB-1262	ND		18	6.4	ug/Kg	☼	03/05/26 12:40	03/10/26 00:34	1
PCB-1268	ND		18	2.5	ug/Kg	☼	03/05/26 12:40	03/10/26 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*81*		*26 - 142*	*03/05/26 12:40*	*03/10/26 00:34*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*26 - 142*	*03/05/26 12:40*	*03/10/26 00:34*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/05/26 12:40*	*03/10/26 00:34*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/05/26 12:40*	*03/10/26 00:34*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		33	9.9	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Antimony	ND		5.5	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV117-0.17-1
Lab Sample ID: 180-202504-11
Date Collected: 03/03/26 12:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.8

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		5.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Barium	67		0.55	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Beryllium	0.46	J	0.55	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Cadmium	ND		0.55	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Calcium	19000		55	23	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Chromium	14		1.7	0.66	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Cobalt	7.6		0.55	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Copper	20		2.2	0.85	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Iron	18000		22	8.8	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Lead	17		1.7	0.66	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Magnesium	5100	B	22	4.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Manganese	380		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Nickel	18		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Potassium	1400		110	39	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Selenium	ND		5.5	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Sodium	64	J	110	44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Vanadium	15		1.1	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1
Zinc	70		2.2	0.88	mg/Kg	☼	03/07/26 07:30	03/09/26 13:57	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044	J	0.063	0.021	mg/Kg	☼	03/06/26 16:53	03/09/26 09:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.2		0.1	0.1	%			03/06/26 16:56	1
Percent Solids (EPA Moisture)	88.8		0.1	0.1	%			03/06/26 16:56	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV117-0.5-1
Lab Sample ID: 180-202504-12
Date Collected: 03/03/26 12:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	5.9	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Benzene	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Bromoform	ND		9.9	4.9	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Bromomethane	ND		4.9	0.99	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
2-Butanone (MEK)	ND		9.9	2.0	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Carbon disulfide	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Carbon tetrachloride	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Chlorobenzene	ND		4.9	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Chlorobromomethane	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Chlorodibromomethane	ND		4.9	0.49	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Chloroethane	ND		4.9	0.99	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Chloroform	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Chloromethane	ND		4.9	0.99	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
cis-1,2-Dichloroethene	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
cis-1,3-Dichloropropene	ND		4.9	0.59	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Cyclohexane	ND		4.9	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,2-Dibromo-3-Chloropropane	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,2-Dibromoethane	ND		4.9	0.69	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,2-Dichlorobenzene	ND		4.9	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,3-Dichlorobenzene	ND		4.9	0.99	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,4-Dichlorobenzene	ND		4.9	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Dichlorobromomethane	ND		4.9	0.69	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Dichlorodifluoromethane	ND		4.9	0.99	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,1-Dichloroethane	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,2-Dichloroethane	ND		4.9	0.59	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,1-Dichloroethene	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,2-Dichloroethene, Total	ND		9.9	0.99	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,2-Dichloropropane	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,4-Dioxane	ND		250	37	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Ethylbenzene	ND		4.9	0.99	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
2-Hexanone	ND		9.9	2.5	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Isopropylbenzene	ND		4.9	1.5	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Methyl acetate	ND		4.9	0.99	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Methylcyclohexane	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Methylene Chloride	**5.1**		4.9	2.0	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
4-Methyl-2-pentanone (MIBK)	ND		9.9	2.0	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Methyl tert-butyl ether	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
m-Xylene & p-Xylene	ND		4.9	2.0	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
o-Xylene	ND		4.9	0.99	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Styrene	ND		4.9	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,1,2,2-Tetrachloroethane	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Tetrachloroethene	ND		4.9	1.5	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Toluene	ND		4.9	0.99	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
trans-1,2-Dichloroethene	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
trans-1,3-Dichloropropene	ND		4.9	0.59	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,2,3-Trichlorobenzene	ND		9.9	4.9	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,2,4-Trichlorobenzene	ND		9.9	4.9	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,1,1-Trichloroethane	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,1,2-Trichloroethane	ND		4.9	0.69	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV117-0.5-1
Lab Sample ID: 180-202504-12
Date Collected: 03/03/26 12:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Trichlorofluoromethane	ND		4.9	0.99	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Vinyl chloride	ND		4.9	0.79	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1
Xylenes, Total	ND		9.9	0.69	ug/Kg	☼	03/05/26 09:41	03/16/26 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*03/05/26 09:41*	*03/16/26 01:43*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*03/05/26 09:41*	*03/16/26 01:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*03/05/26 09:41*	*03/16/26 01:43*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*03/05/26 09:41*	*03/16/26 01:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.4		1.0	1.0	%			03/06/26 10:08	1

Client Sample ID: SSHS-IRM5A2-SCV113-0-0.17
Lab Sample ID: 180-202504-13
Date Collected: 03/03/26 14:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	22	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Acetophenone	ND		750	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Anthracene	ND		75	19	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Atrazine	ND		750	160	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Benzaldehyde	ND		750	46	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Benzo[a]anthracene	**64**	**J**	75	34	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Benzo[a]pyrene	**58**	**J**	75	32	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Benzo[b]fluoranthene	**86**		75	18	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Benzo[g,h,i]perylene	**40**	**J**	75	16	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Benzo[k]fluoranthene	**31**	**J**	75	22	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Carbazole	ND		75	18	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Chrysene	**63**	**J**	75	42	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Fluoranthene	**140**		75	20	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Fluorene	ND		75	15	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Indeno[1,2,3-cd]pyrene	ND		75	37	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1

Client Sample ID: SSHS-IRM5A2-SCV113-0-0.17
Lab Sample ID: 180-202504-13
Date Collected: 03/03/26 14:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Naphthalene	ND		75	15	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Phenanthrene	**74**	**J**	75	20	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
Pyrene	**110**		75	26	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/05/26 12:19	03/09/26 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*44 - 105*	*03/05/26 12:19*	*03/09/26 15:00*	*1*
2-Fluorophenol (Surr)	*63*		*48 - 105*	*03/05/26 12:19*	*03/09/26 15:00*	*1*
Nitrobenzene-d5 (Surr)	*67*		*46 - 105*	*03/05/26 12:19*	*03/09/26 15:00*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*03/05/26 12:19*	*03/09/26 15:00*	*1*
Terphenyl-d14 (Surr)	*60*		*39 - 105*	*03/05/26 12:19*	*03/09/26 15:00*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*34 - 108*	*03/05/26 12:19*	*03/09/26 15:00*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 12:40	03/10/26 00:52	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/05/26 12:40	03/10/26 00:52	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 12:40	03/10/26 00:52	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 12:40	03/10/26 00:52	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 12:40	03/10/26 00:52	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 12:40	03/10/26 00:52	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 12:40	03/10/26 00:52	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/05/26 12:40	03/10/26 00:52	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 12:40	03/10/26 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*84*		*26 - 142*	*03/05/26 12:40*	*03/10/26 00:52*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*26 - 142*	*03/05/26 12:40*	*03/10/26 00:52*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/05/26 12:40*	*03/10/26 00:52*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*17 - 144*	*03/05/26 12:40*	*03/10/26 00:52*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV113-0-0.17
Lab Sample ID: 180-202504-13
Date Collected: 03/03/26 14:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorooctanoic acid (PFOA)	**0.15**	**J**	0.20	0.060	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorooctanesulfonic acid (PFOS)	**0.30**		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1

Client Sample ID: SSHS-IRM5A2-SCV113-0-0.17
Lab Sample ID: 180-202504-13
Date Collected: 03/03/26 14:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g	☼	03/10/26 14:32	03/12/26 07:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*93.4*		*8 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C5-PFPeA	*93.3*		*35 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C5-PFHxA	*91.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C4-PFHpA	*93.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C8-PFOA	*92.5*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C9-PFNA	*96.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C6-PFDA	*94.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C7-PFUnA	*97.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C2 PFDoA	*99.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C2-PFTeDA	*78.6*		*20 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C3-PFBS	*80.6*		*40 - 135*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C3-PFHxS	*91.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C8-PFOS	*95.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C8-PFOSA	*99.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
d3-NMeFOSAA	*95.6*		*40 - 135*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
d5-NEtFOSAA	*113*		*40 - 150*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C2 4:2 FTS	*326*	*5+	*40 - 165*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C2 6:2 FTS	*156*		*40 - 215*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C2 8:2 FTS	*177*		*40 - 275*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
13C3-HFPO-DA	*83.5*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
D7-NMeFOSE	*47.1*		*20 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
D9-NEtFOSE	*33.3*		*15 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
d5-NEtPFOSA	*75.5*		*10 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*
d3-NMePFOSA	*86.1*		*10 - 130*	*03/10/26 14:32*	*03/12/26 07:58*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		32	9.6	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Antimony	ND		5.3	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Arsenic	**7.2**		5.3	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Barium	**73**		0.53	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Beryllium	**0.50**	**J**	0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Cadmium	**0.11**	**J**	0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Calcium	**27000**		53	22	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Chromium	**15**		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Cobalt	**8.3**		0.53	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Copper	**24**		2.1	0.82	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Iron	**21000**		21	8.6	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Lead	**23**		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Magnesium	**5600**	**B**	21	4.3	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Manganese	**430**		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Nickel	**20**		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV113-0-0.17
Lab Sample ID: 180-202504-13
Date Collected: 03/03/26 14:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1600		110	37	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Selenium	ND		5.3	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Silver	ND		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Sodium	72	J	110	43	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Vanadium	17		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1
Zinc	73		2.1	0.86	mg/Kg	☼	03/07/26 07:30	03/09/26 14:00	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042	J	0.064	0.021	mg/Kg	☼	03/06/26 16:53	03/09/26 09:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.4		0.1	0.1	%			03/09/26 11:21	1
Percent Solids (EPA Moisture)	86.6		0.1	0.1	%			03/09/26 11:21	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV113-0.17-1
Lab Sample ID: 180-202504-14
Date Collected: 03/03/26 14:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Acenaphthylene	ND		76	16	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Acetophenone	ND		760	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Anthracene	**22**	**J**	76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Atrazine	ND		760	160	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Benzo[a]anthracene	**140**		76	34	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Benzo[a]pyrene	**150**		76	33	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Benzo[b]fluoranthene	**210**		76	18	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Benzo[g,h,i]perylene	**110**		76	16	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Benzo[k]fluoranthene	**74**	**J**	76	23	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Carbazole	ND		76	18	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Chrysene	**160**		76	42	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Fluoranthene	**350**		76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Fluorene	ND		76	15	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Indeno[1,2,3-cd]pyrene	**89**		76	37	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1

Client Sample ID: SSHS-IRM5A2-SCV113-0.17-1
Lab Sample ID: 180-202504-14
Date Collected: 03/03/26 14:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Naphthalene	ND		76	15	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
N-Nitrosodi-n-propylamine	ND		76	25	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Phenanthrene	**130**		76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
Pyrene	**270**		76	26	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*44 - 105*	*03/05/26 12:19*	*03/09/26 15:22*	*1*
2-Fluorophenol (Surr)	*65*		*48 - 105*	*03/05/26 12:19*	*03/09/26 15:22*	*1*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*	*03/05/26 12:19*	*03/09/26 15:22*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*03/05/26 12:19*	*03/09/26 15:22*	*1*
Terphenyl-d14 (Surr)	*63*		*39 - 105*	*03/05/26 12:19*	*03/09/26 15:22*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*34 - 108*	*03/05/26 12:19*	*03/09/26 15:22*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/05/26 12:40	03/10/26 01:09	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/05/26 12:40	03/10/26 01:09	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 12:40	03/10/26 01:09	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 12:40	03/10/26 01:09	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 12:40	03/10/26 01:09	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/05/26 12:40	03/10/26 01:09	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/05/26 12:40	03/10/26 01:09	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/05/26 12:40	03/10/26 01:09	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 12:40	03/10/26 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*83*		*26 - 142*	*03/05/26 12:40*	*03/10/26 01:09*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*26 - 142*	*03/05/26 12:40*	*03/10/26 01:09*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/05/26 12:40*	*03/10/26 01:09*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/05/26 12:40*	*03/10/26 01:09*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		32	9.5	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Antimony	ND		5.3	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1

Client Sample ID: SSHS-IRM5A2-SCV113-0.17-1
Lab Sample ID: 180-202504-14

Date Collected: 03/03/26 14:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.9

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		5.3	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Barium	85		0.53	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Beryllium	0.53		0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Cadmium	0.14	J	0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Calcium	17000		53	22	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Chromium	15		1.6	0.63	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Cobalt	8.7		0.53	0.15	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Copper	22		2.1	0.81	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Iron	21000		21	8.4	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Lead	18		1.6	0.63	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Magnesium	4900	B	21	4.2	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Manganese	470		1.1	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Nickel	20		1.1	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Potassium	1600		110	37	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Selenium	ND		5.3	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Silver	ND		1.1	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Sodium	74	J	110	42	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Vanadium	17		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1
Zinc	75		2.1	0.84	mg/Kg	☼	03/07/26 07:30	03/09/26 14:03	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047	J	0.064	0.021	mg/Kg	☼	03/06/26 16:53	03/09/26 09:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.1		0.1	0.1	%			03/09/26 11:21	1
Percent Solids (EPA Moisture)	87.9		0.1	0.1	%			03/09/26 11:21	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV113-0.5-1
Lab Sample ID: 180-202504-15
Date Collected: 03/03/26 14:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		15	4.6	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Benzene	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Bromoform	ND		7.7	3.8	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Bromomethane	ND		3.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
2-Butanone (MEK)	ND		7.7	1.5	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Carbon disulfide	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Carbon tetrachloride	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Chlorobenzene	ND		3.8	0.69	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Chlorobromomethane	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Chlorodibromomethane	ND		3.8	0.38	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Chloroethane	ND		3.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Chloroform	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Chloromethane	ND		3.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
cis-1,2-Dichloroethene	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
cis-1,3-Dichloropropene	ND		3.8	0.46	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Cyclohexane	ND		3.8	0.69	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,2-Dibromo-3-Chloropropane	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,2-Dibromoethane	ND		3.8	0.54	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,2-Dichlorobenzene	ND		3.8	0.69	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,3-Dichlorobenzene	ND		3.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,4-Dichlorobenzene	ND		3.8	0.69	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Dichlorobromomethane	ND		3.8	0.54	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Dichlorodifluoromethane	ND		3.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,1-Dichloroethane	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,2-Dichloroethane	ND		3.8	0.46	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,1-Dichloroethene	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,2-Dichloroethene, Total	ND		7.7	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,2-Dichloropropane	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,4-Dioxane	ND		190	28	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Ethylbenzene	ND		3.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
2-Hexanone	ND		7.7	1.9	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Isopropylbenzene	ND		3.8	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Methyl acetate	**3.7**	**J**	3.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Methylcyclohexane	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Methylene Chloride	**2.5**	**J**	3.8	1.5	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
4-Methyl-2-pentanone (MIBK)	ND		7.7	1.5	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Methyl tert-butyl ether	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
m-Xylene & p-Xylene	ND		3.8	1.5	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
o-Xylene	ND		3.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Styrene	ND		3.8	0.69	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,1,2,2-Tetrachloroethane	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Tetrachloroethene	ND		3.8	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Toluene	ND		3.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
trans-1,2-Dichloroethene	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
trans-1,3-Dichloropropene	ND		3.8	0.46	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,2,3-Trichlorobenzene	ND		7.7	3.8	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,2,4-Trichlorobenzene	ND		7.7	3.8	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,1,1-Trichloroethane	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,1,2-Trichloroethane	ND		3.8	0.54	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV113-0.5-1
Lab Sample ID: 180-202504-15
Date Collected: 03/03/26 14:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.7

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Trichlorofluoromethane	ND		3.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.7	0.69	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Vinyl chloride	ND		3.8	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1
Xylenes, Total	ND		7.7	0.54	ug/Kg	☼	03/05/26 09:41	03/16/26 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*03/05/26 09:41*	*03/16/26 02:28*	*1*
Dibromofluoromethane (Surr)	*101*		*50 - 141*	*03/05/26 09:41*	*03/16/26 02:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*54 - 135*	*03/05/26 09:41*	*03/16/26 02:28*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*03/05/26 09:41*	*03/16/26 02:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.3**		1.0	1.0	%			03/06/26 10:08	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV107-0-0.17
Lab Sample ID: 180-202504-16
Date Collected: 03/03/26 14:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Acenaphthylene	ND		76	17	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Acetophenone	ND		760	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Anthracene	ND		76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Atrazine	ND		760	170	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Benzo[a]anthracene	**47**	**J**	76	34	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Benzo[a]pyrene	**47**	**J**	76	33	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Benzo[b]fluoranthene	**63**	**J**	76	19	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Benzo[g,h,i]perylene	**33**	**J**	76	16	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Benzo[k]fluoranthene	**26**	**J**	76	23	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Carbazole	ND		76	18	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Chrysene	**49**	**J**	76	42	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Di-n-butyl phthalate	ND		3700	790	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2,4-Dinitrotoluene	ND		370	230	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Fluoranthene	**91**		76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Fluorene	ND		76	15	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Indeno[1,2,3-cd]pyrene	ND		76	38	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1

Client Sample ID: SSHS-IRM5A2-SCV107-0-0.17
Lab Sample ID: 180-202504-16
Date Collected: 03/03/26 14:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Naphthalene	ND		76	15	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Phenanthrene	**36**	**J**	76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
Pyrene	**77**		76	27	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*61*		*44 - 105*	*03/05/26 12:19*	*03/09/26 15:45*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*03/05/26 12:19*	*03/09/26 15:45*	*1*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*	*03/05/26 12:19*	*03/09/26 15:45*	*1*
Phenol-d5 (Surr)	*65*		*46 - 105*	*03/05/26 12:19*	*03/09/26 15:45*	*1*
Terphenyl-d14 (Surr)	*62*		*39 - 105*	*03/05/26 12:19*	*03/09/26 15:45*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*34 - 108*	*03/05/26 12:19*	*03/09/26 15:45*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 12:40	03/10/26 02:03	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/05/26 12:40	03/10/26 02:03	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/05/26 12:40	03/10/26 02:03	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 12:40	03/10/26 02:03	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 12:40	03/10/26 02:03	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/05/26 12:40	03/10/26 02:03	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/05/26 12:40	03/10/26 02:03	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/05/26 12:40	03/10/26 02:03	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 12:40	03/10/26 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*87*		*26 - 142*	*03/05/26 12:40*	*03/10/26 02:03*	*1*
DCB Decachlorobiphenyl (Surr)	*84*		*26 - 142*	*03/05/26 12:40*	*03/10/26 02:03*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/05/26 12:40*	*03/10/26 02:03*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/05/26 12:40*	*03/10/26 02:03*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		31	9.4	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Antimony	ND		5.2	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1

Client Sample ID: SSHS-IRM5A2-SCV107-0-0.17
Lab Sample ID: 180-202504-16

Date Collected: 03/03/26 14:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		5.2	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Barium	68		0.52	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Beryllium	0.47	J	0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Cadmium	ND		0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Calcium	24000		52	22	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Chromium	15		1.6	0.63	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Cobalt	8.2		0.52	0.15	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Copper	22		2.1	0.81	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Iron	20000		21	8.4	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Lead	15		1.6	0.63	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Magnesium	6600	B	21	4.2	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Manganese	360		1.0	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Nickel	19		1.0	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Potassium	1500		100	37	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Selenium	ND		5.2	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Silver	ND		1.0	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Sodium	71	J	100	42	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Thallium	ND		3.1	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Vanadium	17		1.0	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1
Zinc	70		2.1	0.84	mg/Kg	☼	03/07/26 07:30	03/09/26 14:06	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050	J	0.068	0.023	mg/Kg	☼	03/06/26 16:53	03/09/26 09:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.4		0.1	0.1	%			03/10/26 10:34	1
Percent Solids (EPA Moisture)	86.6		0.1	0.1	%			03/10/26 10:34	1

Client: Geosyntec Consultants Inc
Job ID: 180-202504-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV107-0.17-1
Lab Sample ID: 180-202504-17
Date Collected: 03/03/26 14:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		73	21	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Acenaphthylene	ND		73	16	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Acetophenone	ND		730	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Anthracene	ND		73	19	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Atrazine	ND		730	160	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Benzaldehyde	ND		730	45	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Benzo[a]anthracene	**39**	**J**	73	33	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Benzo[a]pyrene	**36**	**J**	73	32	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Benzo[b]fluoranthene	**50**	**J**	73	18	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Benzo[g,h,i]perylene	**25**	**J**	73	16	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Benzo[k]fluoranthene	ND		73	22	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Bis(2-chloroethyl)ether	ND		73	23	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Carbazole	ND		73	17	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2-Chloronaphthalene	ND		73	17	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Chrysene	ND		73	40	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Dibenz(a,h)anthracene	ND		73	47	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Dibenzofuran	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2,4-Dichlorophenol	ND		73	28	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Dimethyl phthalate	ND		730	400	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Di-n-butyl phthalate	ND		3600	760	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
1,4-Dioxane	ND		730	230	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Fluoranthene	**76**		73	19	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Fluorene	ND		73	14	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Hexachlorobenzene	ND		73	26	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Hexachlorobutadiene	ND		73	21	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Hexachlorocyclopentadiene	ND		360	99	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Hexachloroethane	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Indeno[1,2,3-cd]pyrene	ND		73	36	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Isophorone	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2-Methylnaphthalene	ND		73	18	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2-Methylphenol	ND		360	100	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1

Client Sample ID: SSHS-IRM5A2-SCV107-0.17-1
Lab Sample ID: 180-202504-17
Date Collected: 03/03/26 14:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Naphthalene	ND		73	14	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
3-Nitroaniline	ND		1900	93	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Nitrobenzene	ND		730	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
N-Nitrosodi-n-propylamine	ND		73	25	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2,2'-oxybis[1-chloropropane]	ND		73	27	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Phenanthrene	**31**	**J**	73	20	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Phenol	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
Pyrene	**61**	**J**	73	26	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*54*		*44 - 105*	*03/05/26 12:19*	*03/09/26 16:07*	*1*
2-Fluorophenol (Surr)	*57*		*48 - 105*	*03/05/26 12:19*	*03/09/26 16:07*	*1*
Nitrobenzene-d5 (Surr)	*60*		*46 - 105*	*03/05/26 12:19*	*03/09/26 16:07*	*1*
Phenol-d5 (Surr)	*59*		*46 - 105*	*03/05/26 12:19*	*03/09/26 16:07*	*1*
Terphenyl-d14 (Surr)	*55*		*39 - 105*	*03/05/26 12:19*	*03/09/26 16:07*	*1*
2,4,6-Tribromophenol (Surr)	*52*		*34 - 108*	*03/05/26 12:19*	*03/09/26 16:07*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	03/05/26 12:40	03/10/26 02:21	1
PCB-1221	ND		18	6.5	ug/Kg	☼	03/05/26 12:40	03/10/26 02:21	1
PCB-1232	ND		18	4.5	ug/Kg	☼	03/05/26 12:40	03/10/26 02:21	1
PCB-1242	ND		18	2.7	ug/Kg	☼	03/05/26 12:40	03/10/26 02:21	1
PCB-1248	ND		18	4.4	ug/Kg	☼	03/05/26 12:40	03/10/26 02:21	1
PCB-1254	ND		18	5.5	ug/Kg	☼	03/05/26 12:40	03/10/26 02:21	1
PCB-1260	ND		18	5.3	ug/Kg	☼	03/05/26 12:40	03/10/26 02:21	1
PCB-1262	ND		18	6.5	ug/Kg	☼	03/05/26 12:40	03/10/26 02:21	1
PCB-1268	ND		18	2.5	ug/Kg	☼	03/05/26 12:40	03/10/26 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*89*		*26 - 142*	*03/05/26 12:40*	*03/10/26 02:21*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*26 - 142*	*03/05/26 12:40*	*03/10/26 02:21*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/05/26 12:40*	*03/10/26 02:21*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/05/26 12:40*	*03/10/26 02:21*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		34	10	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Antimony	ND		5.6	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1

Client Sample ID: SSHS-IRM5A2-SCV107-0.17-1
Lab Sample ID: 180-202504-17

Date Collected: 03/03/26 14:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.2

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		5.6	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Barium	66		0.56	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Beryllium	0.48	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Cadmium	ND		0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Calcium	24000		56	24	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Chromium	14		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Cobalt	7.9		0.56	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Copper	22		2.2	0.86	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Iron	20000		22	9.0	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Lead	15		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Magnesium	5500	B	22	4.5	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Manganese	380		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Nickel	19		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Potassium	1400		110	39	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Selenium	ND		5.6	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Sodium	69	J	110	45	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Vanadium	16		1.1	0.48	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1
Zinc	72		2.2	0.90	mg/Kg	☼	03/07/26 07:30	03/09/26 14:09	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052	J	0.064	0.021	mg/Kg	☼	03/06/26 16:53	03/09/26 09:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.8		0.1	0.1	%			03/09/26 11:21	1
Percent Solids (EPA Moisture)	89.2		0.1	0.1	%			03/09/26 11:21	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-783114/7
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/15/26 20:40	1
Benzene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Bromoform	ND		10	5.0	ug/Kg			03/15/26 20:40	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/15/26 20:40	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/15/26 20:40	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
Chloroform	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/15/26 20:40	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/15/26 20:40	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/15/26 20:40	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/15/26 20:40	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/15/26 20:40	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,4-Dioxane	ND		250	37	ug/Kg			03/15/26 20:40	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
2-Hexanone	ND		10	2.5	ug/Kg			03/15/26 20:40	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/15/26 20:40	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/15/26 20:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/15/26 20:40	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/15/26 20:40	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
Styrene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/15/26 20:40	1
Toluene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/15/26 20:40	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/15/26 20:40	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/15/26 20:40	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-783114/7
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/15/26 20:40	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/15/26 20:40	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/15/26 20:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*		*03/15/26 20:40*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 141*		*03/15/26 20:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*54 - 135*		*03/15/26 20:40*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*		*03/15/26 20:40*	*1*

Lab Sample ID: LCS 410-783114/4
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	256		ug/Kg		102	52 - 142
Benzene	20.0	21.5		ug/Kg		108	80 - 120
Bromoform	20.0	18.4		ug/Kg		92	66 - 127
Bromomethane	20.0	19.5		ug/Kg		98	60 - 126
2-Butanone (MEK)	250	241		ug/Kg		97	62 - 132
Carbon disulfide	20.0	18.6		ug/Kg		93	56 - 125
Carbon tetrachloride	20.0	19.1		ug/Kg		95	70 - 120
Chlorobenzene	20.0	21.0		ug/Kg		105	74 - 120
Chlorobromomethane	20.0	20.9		ug/Kg		105	79 - 124
Chlorodibromomethane	20.0	19.9		ug/Kg		99	77 - 125
Chloroethane	20.0	19.7		ug/Kg		98	55 - 127
Chloroform	20.0	20.4		ug/Kg		102	73 - 120
Chloromethane	20.0	16.9		ug/Kg		84	50 - 120
cis-1,2-Dichloroethene	20.0	21.2		ug/Kg		106	80 - 125
cis-1,3-Dichloropropene	20.0	20.1		ug/Kg		101	73 - 120
Cyclohexane	20.0	18.9		ug/Kg		94	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.7		ug/Kg		93	61 - 120
1,2-Dibromoethane	20.0	20.3		ug/Kg		102	76 - 120
1,2-Dichlorobenzene	20.0	20.5		ug/Kg		102	74 - 120
1,3-Dichlorobenzene	20.0	20.8		ug/Kg		104	75 - 120
1,4-Dichlorobenzene	20.0	20.6		ug/Kg		103	76 - 122
Dichlorobromomethane	20.0	20.1		ug/Kg		101	77 - 120
Dichlorodifluoromethane	20.0	13.7		ug/Kg		68	44 - 120
1,1-Dichloroethane	20.0	21.9		ug/Kg		110	76 - 120
1,2-Dichloroethane	20.0	19.6		ug/Kg		98	72 - 124
1,1-Dichloroethene	20.0	21.8		ug/Kg		109	73 - 129
1,2-Dichloroethene, Total	40.0	42.1		ug/Kg		105	74 - 120
1,2-Dichloropropane	20.0	21.9		ug/Kg		109	70 - 124
1,4-Dioxane	500	539		ug/Kg		108	41 - 177
Ethylbenzene	20.0	20.7		ug/Kg		103	72 - 118

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-783114/4
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	250	246		ug/Kg		98	64 - 140
Isopropylbenzene	20.0	20.5		ug/Kg		103	77 - 134
Methyl acetate	20.0	19.8		ug/Kg		99	59 - 137
Methylcyclohexane	20.0	18.2		ug/Kg		91	61 - 124
Methylene Chloride	20.0	22.1		ug/Kg		111	76 - 122
4-Methyl-2-pentanone (MIBK)	250	250		ug/Kg		100	67 - 138
Methyl tert-butyl ether	20.0	19.5		ug/Kg		98	63 - 120
m-Xylene & p-Xylene	40.0	41.1		ug/Kg		103	80 - 120
o-Xylene	20.0	20.5		ug/Kg		103	75 - 120
Styrene	20.0	20.5		ug/Kg		102	76 - 120
1,1,2,2-Tetrachloroethane	20.0	21.6		ug/Kg		108	69 - 125
Tetrachloroethene	20.0	19.4		ug/Kg		97	73 - 120
Toluene	20.0	20.8		ug/Kg		104	71 - 120
trans-1,2-Dichloroethene	20.0	20.9		ug/Kg		104	71 - 126
trans-1,3-Dichloropropene	20.0	21.0		ug/Kg		105	76 - 122
1,2,3-Trichlorobenzene	20.0	19.1		ug/Kg		95	64 - 123
1,2,4-Trichlorobenzene	20.0	19.5		ug/Kg		98	69 - 124
1,1,1-Trichloroethane	20.0	19.4		ug/Kg		97	69 - 123
1,1,2-Trichloroethane	20.0	21.1		ug/Kg		106	76 - 120
Trichloroethene	20.0	20.3		ug/Kg		101	72 - 120
Trichlorofluoromethane	20.0	13.5		ug/Kg		67	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.3		ug/Kg		91	53 - 126
Vinyl chloride	20.0	18.6		ug/Kg		93	52 - 120
Xylenes, Total	60.0	61.6		ug/Kg		103	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*
Dibromofluoromethane (Surr)	*100*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: LCSD 410-783114/5
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	260	253		ug/Kg		97	52 - 142	1	30
Benzene	20.8	21.3		ug/Kg		103	80 - 120	1	30
Bromoform	20.8	18.3		ug/Kg		88	66 - 127	1	30
Bromomethane	20.0	19.0		ug/Kg		95	60 - 126	3	30
2-Butanone (MEK)	260	236		ug/Kg		91	62 - 132	2	30
Carbon disulfide	20.8	18.3		ug/Kg		88	56 - 125	1	30
Carbon tetrachloride	20.8	19.0		ug/Kg		91	70 - 120	1	30
Chlorobenzene	20.8	20.9		ug/Kg		100	74 - 120	1	30
Chlorobromomethane	20.8	20.8		ug/Kg		100	79 - 124	1	30
Chlorodibromomethane	20.8	19.7		ug/Kg		95	77 - 125	1	30
Chloroethane	20.0	19.7		ug/Kg		98	55 - 127	0	30
Chloroform	20.8	20.2		ug/Kg		97	73 - 120	1	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783114/5
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			20.0	17.8		ug/Kg		89	50 - 120	5	30
cis-1,2-Dichloroethene			20.8	21.2		ug/Kg		102	80 - 125	0	30
cis-1,3-Dichloropropene			20.8	19.9		ug/Kg		96	73 - 120	1	30
Cyclohexane			20.8	18.7		ug/Kg		90	58 - 120	1	30
1,2-Dibromo-3-Chloropropane			20.8	18.1		ug/Kg		87	61 - 120	3	30
1,2-Dibromoethane			20.8	20.1		ug/Kg		97	76 - 120	1	30
1,2-Dichlorobenzene			20.8	20.5		ug/Kg		98	74 - 120	0	30
1,3-Dichlorobenzene			20.8	20.5		ug/Kg		99	75 - 120	1	30
1,4-Dichlorobenzene			20.8	20.5		ug/Kg		99	76 - 122	0	30
Dichlorobromomethane			20.8	19.9		ug/Kg		96	77 - 120	1	30
Dichlorodifluoromethane			20.0	13.8		ug/Kg		69	44 - 120	1	30
1,1-Dichloroethane			20.8	22.0		ug/Kg		106	76 - 120	0	30
1,2-Dichloroethane			20.8	19.4		ug/Kg		93	72 - 124	1	30
1,1-Dichloroethene			20.8	21.6		ug/Kg		104	73 - 129	1	30
1,2-Dichloroethene, Total			41.6	41.9		ug/Kg		101	74 - 120	0	30
1,2-Dichloropropane			20.8	21.8		ug/Kg		105	70 - 124	0	30
1,4-Dioxane			520	537		ug/Kg		103	41 - 177	0	30
Ethylbenzene			20.8	20.6		ug/Kg		99	72 - 118	1	30
2-Hexanone			260	241		ug/Kg		93	64 - 140	2	30
Isopropylbenzene			20.8	20.3		ug/Kg		98	77 - 134	1	30
Methyl acetate			20.8	19.6		ug/Kg		94	59 - 137	1	30
Methylcyclohexane			20.8	18.0		ug/Kg		87	61 - 124	1	30
Methylene Chloride			20.8	22.0		ug/Kg		106	76 - 122	1	30
4-Methyl-2-pentanone (MIBK)			260	250		ug/Kg		96	67 - 138	0	30
Methyl tert-butyl ether			20.8	19.3		ug/Kg		93	63 - 120	1	30
m-Xylene & p-Xylene			41.6	40.8		ug/Kg		98	80 - 120	1	30
o-Xylene			20.8	20.5		ug/Kg		98	75 - 120	0	30
Styrene			20.8	20.1		ug/Kg		97	76 - 120	2	30
1,1,2,2-Tetrachloroethane			20.8	20.7		ug/Kg		100	69 - 125	4	30
Tetrachloroethene			20.8	19.3		ug/Kg		93	73 - 120	1	30
Toluene			20.8	20.8		ug/Kg		100	71 - 120	0	30
trans-1,2-Dichloroethene			20.8	20.7		ug/Kg		99	71 - 126	1	30
trans-1,3-Dichloropropene			20.8	20.6		ug/Kg		99	76 - 122	2	30
1,2,3-Trichlorobenzene			20.8	18.9		ug/Kg		91	64 - 123	1	30
1,2,4-Trichlorobenzene			20.8	19.1		ug/Kg		92	69 - 124	2	30
1,1,1-Trichloroethane			20.8	19.2		ug/Kg		92	69 - 123	1	30
1,1,2-Trichloroethane			20.8	20.7		ug/Kg		99	76 - 120	2	30
Trichloroethene			20.8	20.3		ug/Kg		97	72 - 120	0	30
Trichlorofluoromethane			20.0	13.5		ug/Kg		67	58 - 120	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.8	18.2		ug/Kg		87	53 - 126	0	30
Vinyl chloride			20.0	17.5		ug/Kg		87	52 - 120	7	30
Xylenes, Total			62.4	61.3		ug/Kg		98	75 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783114/5
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	102		52 - 141

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-510879/1-A
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Acenaphthylene	ND		67	15	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Acetophenone	ND		670	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Anthracene	ND		67	17	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Atrazine	ND		670	150	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Benzaldehyde	ND		670	41	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Benzo[a]anthracene	ND		67	30	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Benzo[a]pyrene	ND		67	29	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
1,1'-Biphenyl	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Bis(2-chloroethyl)ether	ND		67	21	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Butyl benzyl phthalate	ND		1700	230	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Caprolactam	ND		1700	220	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Carbazole	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4-Chloroaniline	ND		330	88	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2-Chloronaphthalene	ND		67	15	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2-Chlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Chrysene	ND		67	37	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Dibenzofuran	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,4-Dichlorophenol	ND		67	26	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Diethyl phthalate	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Dimethyl phthalate	ND		670	370	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Di-n-butyl phthalate	ND		3300	690	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
1,4-Dioxane	ND		670	210	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Fluoranthene	ND		67	18	ug/Kg		03/04/26 05:24	03/09/26 09:47	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-510879/1-A
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		67	13	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Hexachlorobenzene	ND		67	24	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Hexachlorobutadiene	ND		67	20	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Hexachlorocyclopentadiene	ND		330	90	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Hexachloroethane	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Isophorone	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2-Methylnaphthalene	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2-Methylphenol	ND		330	96	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Naphthalene	ND		67	13	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2-Nitroaniline	ND		1700	150	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
3-Nitroaniline	ND		1700	85	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4-Nitroaniline	ND		1700	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Nitrobenzene	ND		670	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2-Nitrophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4-Nitrophenol	ND		1700	230	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Pentachlorophenol	ND		1700	540	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Phenanthrene	ND		67	18	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Phenol	ND		330	100	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Pyrene	ND		67	24	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 09:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*44 - 105*	*03/04/26 05:24*	*03/09/26 09:47*	*1*
2-Fluorophenol (Surr)	*83*		*48 - 105*	*03/04/26 05:24*	*03/09/26 09:47*	*1*
Nitrobenzene-d5 (Surr)	*86*		*46 - 105*	*03/04/26 05:24*	*03/09/26 09:47*	*1*
Phenol-d5 (Surr)	*82*		*46 - 105*	*03/04/26 05:24*	*03/09/26 09:47*	*1*
Terphenyl-d14 (Surr)	*76*		*39 - 105*	*03/04/26 05:24*	*03/09/26 09:47*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*34 - 108*	*03/04/26 05:24*	*03/09/26 09:47*	*1*

Lab Sample ID: LCS 180-510879/2-A
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	5100		ug/Kg		76	50 - 100
Acenaphthylene	6670	5200		ug/Kg		78	52 - 100
Acetophenone	6670	5480		ug/Kg		82	48 - 100
Anthracene	6670	5120		ug/Kg		77	53 - 100
Atrazine	6670	5440		ug/Kg		82	49 - 103
Benzaldehyde	6670	5390		ug/Kg		81	23 - 105

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510879/2-A
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	6670	5020		ug/Kg		75	51 - 100
Benzo[a]pyrene	6670	5180		ug/Kg		78	51 - 100
Benzo[b]fluoranthene	6670	4980		ug/Kg		75	48 - 100
Benzo[g,h,i]perylene	6670	5090		ug/Kg		76	48 - 105
Benzo[k]fluoranthene	6670	5160		ug/Kg		77	19 - 100
1,1'-Biphenyl	6670	5260		ug/Kg		79	50 - 100
Bis(2-chloroethoxy)methane	6670	5300		ug/Kg		79	49 - 100
Bis(2-chloroethyl)ether	6670	5520		ug/Kg		83	48 - 100
Bis(2-ethylhexyl) phthalate	6670	6000		ug/Kg		90	53 - 107
4-Bromophenyl phenyl ether	6670	4940		ug/Kg		74	52 - 101
Butyl benzyl phthalate	6670	6040		ug/Kg		91	52 - 107
Caprolactam	6670	5320		ug/Kg		80	48 - 111
Carbazole	6670	5180		ug/Kg		78	53 - 100
4-Chloroaniline	6670	5280		ug/Kg		79	47 - 100
4-Chloro-3-methylphenol	6670	5610		ug/Kg		84	49 - 106
2-Chloronaphthalene	6670	5160		ug/Kg		77	51 - 100
2-Chlorophenol	6670	5690		ug/Kg		85	51 - 100
4-Chlorophenyl phenyl ether	6670	5090		ug/Kg		76	52 - 100
Chrysene	6670	4840		ug/Kg		73	50 - 100
Dibenz(a,h)anthracene	6670	5700		ug/Kg		86	50 - 107
Dibenzofuran	6670	5040		ug/Kg		76	52 - 100
3,3'-Dichlorobenzidine	6670	5750		ug/Kg		86	43 - 100
2,4-Dichlorophenol	6670	5490		ug/Kg		82	53 - 101
Diethyl phthalate	6670	5350		ug/Kg		80	48 - 104
2,4-Dimethylphenol	6670	5580		ug/Kg		84	51 - 101
Dimethyl phthalate	6670	5210		ug/Kg		78	53 - 100
Di-n-butyl phthalate	6670	5660		ug/Kg		85	57 - 102
4,6-Dinitro-2-methylphenol	13300	9800		ug/Kg		74	51 - 100
2,4-Dinitrophenol	13300	11000		ug/Kg		82	33 - 101
2,4-Dinitrotoluene	6670	5700		ug/Kg		85	54 - 104
2,6-Dinitrotoluene	6670	5530		ug/Kg		83	51 - 106
Di-n-octyl phthalate	6670	5310		ug/Kg		80	41 - 106
1,4-Dioxane	6670	5070		ug/Kg		76	25 - 125
Fluoranthene	6670	5190		ug/Kg		78	55 - 100
Fluorene	6670	5090		ug/Kg		76	52 - 100
Hexachlorobenzene	6670	4810		ug/Kg		72	49 - 100
Hexachlorobutadiene	6670	5200		ug/Kg		78	38 - 107
Hexachlorocyclopentadiene	6670	5620		ug/Kg		84	33 - 117
Hexachloroethane	6670	5570		ug/Kg		84	47 - 100
Indeno[1,2,3-cd]pyrene	6670	5700		ug/Kg		85	51 - 103
Isophorone	6670	5600		ug/Kg		84	48 - 105
2-Methylnaphthalene	6670	5100		ug/Kg		76	53 - 100
2-Methylphenol	6670	5720		ug/Kg		86	50 - 101
Methylphenol, 3 & 4	6670	5710		ug/Kg		86	50 - 103
Naphthalene	6670	5040		ug/Kg		76	51 - 100
2-Nitroaniline	6670	6210		ug/Kg		93	42 - 123
3-Nitroaniline	6670	6010		ug/Kg		90	50 - 103
4-Nitroaniline	6670	5920		ug/Kg		89	52 - 103
Nitrobenzene	6670	5670		ug/Kg		85	44 - 108

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510879/2-A
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitrophenol	6670	5930		ug/Kg		89	55 - 107
4-Nitrophenol	13300	12600		ug/Kg		95	30 - 134
N-Nitrosodi-n-propylamine	6670	5770		ug/Kg		86	45 - 107
N-Nitrosodiphenylamine	6670	5080		ug/Kg		76	52 - 100
2,2'-oxybis[1-chloropropane]	6670	5730		ug/Kg		86	30 - 113
Pentachlorophenol	13300	10200		ug/Kg		77	42 - 110
Phenanthrene	6670	4960		ug/Kg		74	53 - 100
Phenol	6670	5770		ug/Kg		87	49 - 100
Pyrene	6670	4930		ug/Kg		74	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	5240		ug/Kg		79	41 - 104
2,3,4,6-Tetrachlorophenol	6670	5280		ug/Kg		79	47 - 104
2,4,5-Trichlorophenol	6670	5590		ug/Kg		84	50 - 104
2,4,6-Trichlorophenol	6670	5650		ug/Kg		85	50 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*78*		*44 - 105*
2-Fluorophenol (Surr)	*90*		*48 - 105*
Nitrobenzene-d5 (Surr)	*89*		*46 - 105*
Phenol-d5 (Surr)	*88*		*46 - 105*
Terphenyl-d14 (Surr)	*76*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*83*		*34 - 108*

Lab Sample ID: MB 180-510885/1-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Acenaphthylene	ND		67	15	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Acetophenone	ND		670	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Anthracene	ND		67	17	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Atrazine	ND		670	150	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Benzaldehyde	ND		670	41	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Benzo[a]anthracene	ND		67	30	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Benzo[a]pyrene	ND		67	29	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
1,1'-Biphenyl	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Bis(2-chloroethyl)ether	ND		67	21	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Butyl benzyl phthalate	ND		1700	230	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Caprolactam	ND		1700	220	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Carbazole	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4-Chloroaniline	ND		330	88	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-510885/1-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		67	15	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2-Chlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Chrysene	ND		67	37	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Dibenzofuran	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,4-Dichlorophenol	ND		67	26	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Diethyl phthalate	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Dimethyl phthalate	ND		670	370	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Di-n-butyl phthalate	ND		3300	690	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
1,4-Dioxane	ND		670	210	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Fluoranthene	ND		67	18	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Fluorene	ND		67	13	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Hexachlorobenzene	ND		67	24	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Hexachlorobutadiene	ND		67	20	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Hexachlorocyclopentadiene	ND		330	90	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Hexachloroethane	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Isophorone	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2-Methylnaphthalene	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2-Methylphenol	ND		330	96	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Naphthalene	ND		67	13	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2-Nitroaniline	ND		1700	150	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
3-Nitroaniline	ND		1700	85	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4-Nitroaniline	ND		1700	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Nitrobenzene	ND		670	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2-Nitrophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4-Nitrophenol	ND		1700	230	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Pentachlorophenol	ND		1700	540	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Phenanthrene	ND		67	18	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Phenol	ND		330	100	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Pyrene	ND		67	24	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 10:33	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-510885/1-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510885

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		44 - 105	03/04/26 05:24	03/09/26 10:33	1
2-Fluorophenol (Surr)	74		48 - 105	03/04/26 05:24	03/09/26 10:33	1
Nitrobenzene-d5 (Surr)	66		46 - 105	03/04/26 05:24	03/09/26 10:33	1
Phenol-d5 (Surr)	71		46 - 105	03/04/26 05:24	03/09/26 10:33	1
Terphenyl-d14 (Surr)	78		39 - 105	03/04/26 05:24	03/09/26 10:33	1
2,4,6-Tribromophenol (Surr)	91		34 - 108	03/04/26 05:24	03/09/26 10:33	1

Lab Sample ID: LCS 180-510885/2-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510885

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	4830		ug/Kg		72	50 - 100
Acenaphthylene	6670	4740		ug/Kg		71	52 - 100
Acetophenone	6670	4690		ug/Kg		70	48 - 100
Anthracene	6670	4960		ug/Kg		74	53 - 100
Atrazine	6670	5200		ug/Kg		78	49 - 103
Benzaldehyde	6670	3850		ug/Kg		58	23 - 105
Benzo[a]anthracene	6670	4720		ug/Kg		71	51 - 100
Benzo[a]pyrene	6670	4710		ug/Kg		71	51 - 100
Benzo[b]fluoranthene	6670	4310		ug/Kg		65	48 - 100
Benzo[g,h,i]perylene	6670	4790		ug/Kg		72	48 - 105
Benzo[k]fluoranthene	6670	4690		ug/Kg		70	19 - 100
1,1'-Biphenyl	6670	4810		ug/Kg		72	50 - 100
Bis(2-chloroethoxy)methane	6670	3750		ug/Kg		56	49 - 100
Bis(2-chloroethyl)ether	6670	4220		ug/Kg		63	48 - 100
Bis(2-ethylhexyl) phthalate	6670	5110		ug/Kg		77	53 - 107
4-Bromophenyl phenyl ether	6670	4920		ug/Kg		74	52 - 101
Butyl benzyl phthalate	6670	5230		ug/Kg		79	52 - 107
Caprolactam	6670	5140		ug/Kg		77	48 - 111
Carbazole	6670	4910		ug/Kg		74	53 - 100
4-Chloroaniline	6670	4630		ug/Kg		69	47 - 100
4-Chloro-3-methylphenol	6670	4970		ug/Kg		74	49 - 106
2-Chloronaphthalene	6670	4810		ug/Kg		72	51 - 100
2-Chlorophenol	6670	4960		ug/Kg		74	51 - 100
4-Chlorophenyl phenyl ether	6670	4810		ug/Kg		72	52 - 100
Chrysene	6670	4500		ug/Kg		68	50 - 100
Dibenz(a,h)anthracene	6670	4950		ug/Kg		74	50 - 107
Dibenzofuran	6670	4800		ug/Kg		72	52 - 100
3,3'-Dichlorobenzidine	6670	5060		ug/Kg		76	43 - 100
2,4-Dichlorophenol	6670	5300		ug/Kg		79	53 - 101
Diethyl phthalate	6670	4660		ug/Kg		70	48 - 104
2,4-Dimethylphenol	6670	4590		ug/Kg		69	51 - 101
Dimethyl phthalate	6670	4740		ug/Kg		71	53 - 100
Di-n-butyl phthalate	6670	4980		ug/Kg		75	57 - 102
4,6-Dinitro-2-methylphenol	13300	10800		ug/Kg		81	51 - 100
2,4-Dinitrophenol	13300	10400		ug/Kg		78	33 - 101
2,4-Dinitrotoluene	6670	5460		ug/Kg		82	54 - 104

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510885/2-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510885

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,6-Dinitrotoluene	6670	4880		ug/Kg		73	51 - 106
Di-n-octyl phthalate	6670	4380		ug/Kg		66	41 - 106
1,4-Dioxane	6670	5020		ug/Kg		75	25 - 125
Fluoranthene	6670	4940		ug/Kg		74	55 - 100
Fluorene	6670	4860		ug/Kg		73	52 - 100
Hexachlorobenzene	6670	5020		ug/Kg		75	49 - 100
Hexachlorobutadiene	6670	4880		ug/Kg		73	38 - 107
Hexachlorocyclopentadiene	6670	2190		ug/Kg		33	33 - 117
Hexachloroethane	6670	4560		ug/Kg		68	47 - 100
Indeno[1,2,3-cd]pyrene	6670	4790		ug/Kg		72	51 - 103
Isophorone	6670	3970		ug/Kg		60	48 - 105
2-Methylnaphthalene	6670	4920		ug/Kg		74	53 - 100
2-Methylphenol	6670	4830		ug/Kg		73	50 - 101
Methylphenol, 3 & 4	6670	4970		ug/Kg		74	50 - 103
Naphthalene	6670	4750		ug/Kg		71	51 - 100
2-Nitroaniline	6670	4330		ug/Kg		65	42 - 123
3-Nitroaniline	6670	5220		ug/Kg		78	50 - 103
4-Nitroaniline	6670	5190		ug/Kg		78	52 - 103
Nitrobenzene	6670	4380		ug/Kg		66	44 - 108
2-Nitrophenol	6670	5430		ug/Kg		81	55 - 107
4-Nitrophenol	13300	7750		ug/Kg		58	30 - 134
N-Nitrosodi-n-propylamine	6670	4670		ug/Kg		70	45 - 107
N-Nitrosodiphenylamine	6670	4950		ug/Kg		74	52 - 100
2,2'-oxybis[1-chloropropane]	6670	4660		ug/Kg		70	30 - 113
Pentachlorophenol	13300	9120		ug/Kg		68	42 - 110
Phenanthrene	6670	4830		ug/Kg		72	53 - 100
Phenol	6670	4470		ug/Kg		67	49 - 100
Pyrene	6670	4860		ug/Kg		73	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	5030		ug/Kg		76	41 - 104
2,3,4,6-Tetrachlorophenol	6670	5310		ug/Kg		80	47 - 104
2,4,5-Trichlorophenol	6670	5360		ug/Kg		80	50 - 104
2,4,6-Trichlorophenol	6670	5480		ug/Kg		82	50 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*70*		*44 - 105*
2-Fluorophenol (Surr)	*71*		*48 - 105*
Nitrobenzene-d5 (Surr)	*64*		*46 - 105*
Phenol-d5 (Surr)	*70*		*46 - 105*
Terphenyl-d14 (Surr)	*72*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*88*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-510880/1-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		03/06/26 12:16	03/09/26 22:46	1

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 180-510880/1-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		17	5.9	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1232	ND		17	4.1	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1242	ND		17	2.4	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1248	ND		17	4.0	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1254	ND		17	5.0	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1260	ND		17	4.7	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1262	ND		17	5.9	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1268	ND		17	2.2	ug/Kg		03/06/26 12:16	03/09/26 22:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*26 - 142*	*03/06/26 12:16*	*03/09/26 22:46*	*1*
DCB Decachlorobiphenyl (Surr)	*89*		*26 - 142*	*03/06/26 12:16*	*03/09/26 22:46*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/06/26 12:16*	*03/09/26 22:46*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/06/26 12:16*	*03/09/26 22:46*	*1*

Lab Sample ID: LCS 180-510880/2-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510880

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1330	1130		ug/Kg		85	53 - 115
PCB-1260	1330	1160		ug/Kg		87	45 - 108

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*101*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*95*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*106*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*103*		*17 - 144*

Lab Sample ID: MB 180-510887/1-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510887

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1221	ND		17	5.9	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1232	ND		17	4.1	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1242	ND		17	2.4	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1248	ND		17	4.0	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1254	ND		17	5.0	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1260	ND		17	4.7	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1262	ND		17	5.9	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1268	ND		17	2.2	ug/Kg		02/27/26 12:16	03/09/26 15:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*90*		*26 - 142*	*02/27/26 12:16*	*03/09/26 15:18*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*26 - 142*	*02/27/26 12:16*	*03/09/26 15:18*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*02/27/26 12:16*	*03/09/26 15:18*	*1*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 180-510887/1-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510887

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	92		17 - 144	02/27/26 12:16	03/09/26 15:18	1

Lab Sample ID: LCS 180-510887/2-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510887

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1330	1060		ug/Kg		79	53 - 115
PCB-1260	1330	1010		ug/Kg		76	45 - 108

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	88		26 - 142
DCB Decachlorobiphenyl (Surr)	84		26 - 142
Tetrachloro-m-xylene (Surr)	96		17 - 144
Tetrachloro-m-xylene (Surr)	96		17 - 144

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-779475/1-A
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779475

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.059	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g		03/09/26 07:10	03/10/26 14:34	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g		03/09/26 07:10	03/10/26 14:34	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g		03/09/26 07:10	03/10/26 14:34	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-779475/1-A
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779475

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	ng/g		03/09/26 07:10	03/10/26 14:34	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	ng/g		03/09/26 07:10	03/10/26 14:34	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g		03/09/26 07:10	03/10/26 14:34	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	ng/g		03/09/26 07:10	03/10/26 14:34	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	ng/g		03/09/26 07:10	03/10/26 14:34	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g		03/09/26 07:10	03/10/26 14:34	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*84.4*		*8 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C5-PFPeA	*86.1*		*35 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C5-PFHxA	*94.8*		*40 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C4-PFHpA	*93.2*		*40 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C8-PFOA	*88.5*		*40 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C9-PFNA	*81.9*		*40 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C6-PFDA	*84.7*		*40 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C7-PFUnA	*85.9*		*40 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C2 PFDoA	*89.7*		*40 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C2-PFTeDA	*77.2*		*20 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C3-PFBS	*87.5*		*40 - 135*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C3-PFHxS	*87.1*		*40 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C8-PFOS	*90.0*		*40 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
13C8-PFOSA	*99.0*		*40 - 130*	*03/09/26 07:10*	*03/10/26 14:34*	*1*
d3-NMeFOSAA	*81.3*		*40 - 135*	*03/09/26 07:10*	*03/10/26 14:34*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-779475/1-A
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779475

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	90.1		40 - 150	03/09/26 07:10	03/10/26 14:34	1
13C2 4:2 FTS	108		40 - 165	03/09/26 07:10	03/10/26 14:34	1
13C2 6:2 FTS	108		40 - 215	03/09/26 07:10	03/10/26 14:34	1
13C2 8:2 FTS	165		40 - 275	03/09/26 07:10	03/10/26 14:34	1
13C3-HFPO-DA	83.4		40 - 130	03/09/26 07:10	03/10/26 14:34	1
D7-NMeFOSE	51.1		20 - 130	03/09/26 07:10	03/10/26 14:34	1
D9-NEtFOSE	47.7		15 - 130	03/09/26 07:10	03/10/26 14:34	1
d5-NEtPFOSA	64.3		10 - 130	03/09/26 07:10	03/10/26 14:34	1
d3-NMePFOSA	69.5		10 - 130	03/09/26 07:10	03/10/26 14:34	1

Lab Sample ID: LCS 410-779475/2-A
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779475

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	4.93	4.47		ng/g		91	70 - 140
Perfluoropentanoic acid (PFPeA)	2.46	2.12		ng/g		86	60 - 150
Perfluorohexanoic acid (PFHxA)	2.46	2.19		ng/g		89	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.46	2.24		ng/g		91	65 - 145
Perfluorooctanoic acid (PFOA)	2.46	2.18		ng/g		89	70 - 150
Perfluorononanoic acid (PFNA)	2.46	2.13		ng/g		87	70 - 155
Perfluorodecanoic acid (PFDA)	2.46	2.05		ng/g		83	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.46	2.41		ng/g		98	70 - 155
Perfluorododecanoic acid (PFDoA)	2.46	2.30		ng/g		93	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.46	2.29		ng/g		93	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.46	2.21		ng/g		90	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.19	1.68		ng/g		77	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.32	2.12		ng/g		92	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.25	2.11		ng/g		94	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.35	2.01		ng/g		86	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.29	1.94		ng/g		85	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.37	1.94		ng/g		82	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	2.39	1.55		ng/g		65	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.62	4.20		ng/g		91	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.69	4.24		ng/g		90	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.73	4.28		ng/g		90	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.46	2.17		ng/g		88	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-779475/2-A
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779475

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.46	2.34		ng/g		95	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.46	2.32		ng/g		94	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.46	2.19		ng/g		89	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.46	2.32		ng/g		94	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.3	11.3		ng/g		92	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.3	11.3		ng/g		91	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.85	1.81		ng/g		98	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.33	2.38		ng/g		102	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.46	2.09		ng/g		85	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.46	2.42		ng/g		98	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.46	2.24		ng/g		91	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.30	1.96		ng/g		85	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.33	2.00		ng/g		86	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.20	2.08		ng/g		95	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.93	4.45		ng/g		90	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.3	10.6		ng/g		86	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.3	9.75		ng/g		79	60 - 150
Perfluorodecanesulfonic acid (PFDS)	2.37	1.95		ng/g		82	40 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4-PFBA	*97.9*		*8 - 130*
13C5-PFPeA	*94.8*		*35 - 130*
13C5-PFHxA	*98.4*		*40 - 130*
13C4-PFHpA	*97.7*		*40 - 130*
13C8-PFOA	*92.0*		*40 - 130*
13C9-PFNA	*85.3*		*40 - 130*
13C6-PFDA	*88.2*		*40 - 130*
13C7-PFUnA	*85.7*		*40 - 130*
13C2 PFDoA	*83.1*		*40 - 130*
13C2-PFTeDA	*73.5*		*20 - 130*
13C3-PFBS	*96.5*		*40 - 135*
13C3-PFHxS	*94.9*		*40 - 130*
13C8-PFOS	*93.6*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-779475/2-A
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779475

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C8-PFOSA	*98.3*		*40 - 130*
d3-NMeFOSAA	*78.5*		*40 - 135*
d5-NEtFOSAA	*84.7*		*40 - 150*
13C2 4:2 FTS	*111*		*40 - 165*
13C2 6:2 FTS	*108*		*40 - 215*
13C2 8:2 FTS	*150*		*40 - 275*
13C3-HFPO-DA	*91.4*		*40 - 130*
D7-NMeFOSE	*56.5*		*20 - 130*
D9-NEtFOSE	*51.5*		*15 - 130*
d5-NEtPFOSA	*66.3*		*10 - 130*
d3-NMePFOSA	*73.1*		*10 - 130*

Lab Sample ID: LLCS 410-779475/3-A
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779475

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.478	0.456		ng/g		95	70 - 140
Perfluoropentanoic acid (PFPeA)	0.239	0.209		ng/g		87	60 - 150
Perfluorohexanoic acid (PFHxA)	0.239	0.217		ng/g		91	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.239	0.220		ng/g		92	65 - 145
Perfluorooctanoic acid (PFOA)	0.239	0.239		ng/g		100	70 - 150
Perfluorononanoic acid (PFNA)	0.239	0.213		ng/g		89	70 - 155
Perfluorodecanoic acid (PFDA)	0.239	0.218		ng/g		91	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.239	0.226		ng/g		94	70 - 155
Perfluorododecanoic acid (PFDoA)	0.239	0.229		ng/g		96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.239	0.213		ng/g		89	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.239	0.266		ng/g		111	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.212	0.164	J	ng/g		77	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.225	0.210		ng/g		93	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.218	0.232		ng/g		107	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.228	0.195		ng/g		85	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.222	0.184	J	ng/g		83	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.230	0.176	J	ng/g		77	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	0.232	0.103	J	ng/g		44	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.449	0.418		ng/g		93	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.456	0.439		ng/g		96	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.459	0.400		ng/g		87	70 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-779475/3-A
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779475

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonamide (PFOSA)	0.239	0.240		ng/g		100	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.239	0.257		ng/g		108	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.239	0.250		ng/g		104	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.239	0.238		ng/g		100	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.239	0.201		ng/g		84	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.20	1.14		ng/g		95	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.20	1.14		ng/g		95	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.179	0.201		ng/g		112	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.226	0.236		ng/g		104	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.239	0.198		ng/g		83	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.239	0.230		ng/g		96	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.239	0.213		ng/g		89	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.223	0.166	J	ng/g		74	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.226	0.151	J	ng/g		67	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.213	0.192		ng/g		90	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.478	0.436		ng/g		91	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.20	1.12		ng/g		93	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.20	0.994		ng/g		83	60 - 150
Perfluorodecanesulfonic acid (PFDS)	0.231	0.157	J	ng/g		68	40 - 155

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4-PFBA	*122*		*8 - 130*
13C5-PFPeA	*115*		*35 - 130*
13C5-PFHxA	*123*		*40 - 130*
13C4-PFHpA	*122*		*40 - 130*
13C8-PFOA	*118*		*40 - 130*
13C9-PFNA	*113*		*40 - 130*
13C6-PFDA	*119*		*40 - 130*
13C7-PFUnA	*109*		*40 - 130*
13C2 PFDoA	*92.7*		*40 - 130*
13C2-PFTeDA	*68.3*		*20 - 130*
13C3-PFBS	*122*		*40 - 135*
13C3-PFHxS	*113*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-779475/3-A
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779475

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C8-PFOS	123		40 - 130
13C8-PFOSA	124		40 - 130
d3-NMeFOSAA	93.5		40 - 135
d5-NEtFOSAA	92.6		40 - 150
13C2 4:2 FTS	125		40 - 165
13C2 6:2 FTS	126		40 - 215
13C2 8:2 FTS	182		40 - 275
13C3-HFPO-DA	113		40 - 130
D7-NMeFOSE	45.0		20 - 130
D9-NEtFOSE	36.6		15 - 130
d5-NEtPFOSA	69.9		10 - 130
d3-NMePFOSA	85.2		10 - 130

Lab Sample ID: 180-202504-10 MS
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Prep Type: Total/NA
Prep Batch: 779475

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	ND		4.83	4.47		ng/g	☼	93	70 - 140
Perfluoropentanoic acid (PFPeA)	ND		2.42	2.12		ng/g	☼	88	60 - 150
Perfluorohexanoic acid (PFHxA)	ND		2.42	2.16		ng/g	☼	89	65 - 140
Perfluoroheptanoic acid (PFHpA)	ND		2.42	2.26		ng/g	☼	94	65 - 145
Perfluorooctanoic acid (PFOA)	0.085	J	2.42	2.28		ng/g	☼	91	70 - 150
Perfluorononanoic acid (PFNA)	ND		2.42	2.11		ng/g	☼	87	70 - 155
Perfluorodecanoic acid (PFDA)	ND		2.42	2.15		ng/g	☼	89	70 - 155
Perfluoroundecanoic acid (PFUnA)	ND		2.42	2.33		ng/g	☼	96	70 - 155
Perfluorododecanoic acid (PFDoA)	ND		2.42	2.35		ng/g	☼	97	70 - 150
Perfluorotridecanoic acid (PFTrDA)	ND		2.42	2.24		ng/g	☼	93	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	ND		2.42	2.29		ng/g	☼	95	65 - 150
Perfluorobutanesulfonic acid (PFBS)	ND		2.14	1.68		ng/g	☼	78	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		2.27	2.16		ng/g	☼	95	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	ND		2.20	2.09		ng/g	☼	95	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.30	1.92		ng/g	☼	84	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.33		2.25	2.18		ng/g	☼	83	65 - 160
Perfluorononanesulfonic acid (PFNS)	ND		2.32	1.88		ng/g	☼	81	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	ND		2.34	1.60		ng/g	☼	68	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.53	4.09		ng/g	☼	90	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.60	4.10		ng/g	☼	89	55 - 200

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202504-10 MS
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Prep Type: Total/NA
Prep Batch: 779475

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.64	3.93		ng/g	☼	85	70 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		2.42	2.22		ng/g	☼	92	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.42	2.32		ng/g	☼	96	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.42	2.35		ng/g	☼	97	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.42	2.14		ng/g	☼	88	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.42	2.22		ng/g	☼	92	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.1	10.5		ng/g	☼	87	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.1	12.6		ng/g	☼	104	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.81	1.67		ng/g	☼	92	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.28	2.25		ng/g	☼	99	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.42	2.05		ng/g	☼	85	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.42	2.35		ng/g	☼	97	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.42	2.09		ng/g	☼	86	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.26	1.86		ng/g	☼	83	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.28	1.87		ng/g	☼	82	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.15	1.86		ng/g	☼	86	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.83	4.43		ng/g	☼	92	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.1	10.3		ng/g	☼	86	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.1	9.24		ng/g	☼	76	60 - 150
Perfluorodecanesulfonic acid (PFDS)	ND		2.33	1.88		ng/g	☼	81	40 - 155

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4-PFBA	*91.4*		*8 - 130*
13C5-PFPeA	*88.9*		*35 - 130*
13C5-PFHxA	*92.9*		*40 - 130*
13C4-PFHpA	*87.1*		*40 - 130*
13C8-PFOA	*90.2*		*40 - 130*
13C9-PFNA	*81.1*		*40 - 130*
13C6-PFDA	*85.3*		*40 - 130*
13C7-PFUnA	*87.9*		*40 - 130*
13C2 PFDoA	*82.0*		*40 - 130*
13C2-PFTeDA	*73.2*		*20 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202504-10 MS
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Prep Type: Total/NA
Prep Batch: 779475

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C3-PFBS	*89.7*		*40 - 135*
13C3-PFHxS	*82.9*		*40 - 130*
13C8-PFOS	*85.7*		*40 - 130*
13C8-PFOSA	*81.7*		*40 - 130*
d3-NMeFOSAA	*73.4*		*40 - 135*
d5-NEtFOSAA	*76.6*		*40 - 150*
13C2 4:2 FTS	*121*		*40 - 165*
13C2 6:2 FTS	*94.6*		*40 - 215*
13C2 8:2 FTS	*142*		*40 - 275*
13C3-HFPO-DA	*86.2*		*40 - 130*
D7-NMeFOSE	*37.9*		*20 - 130*
D9-NEtFOSE	*22.9*		*15 - 130*
d5-NEtPFOSA	*73.4*		*10 - 130*
d3-NMePFOSA	*71.3*		*10 - 130*

Lab Sample ID: 180-202504-10 MSD
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Prep Type: Total/NA
Prep Batch: 779475

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	ND		4.85	4.48		ng/g	☼	92	70 - 140	0	30
Perfluoropentanoic acid (PFPeA)	ND		2.43	2.08		ng/g	☼	86	60 - 150	2	30
Perfluorohexanoic acid (PFHxA)	ND		2.43	2.06		ng/g	☼	85	65 - 140	5	30
Perfluoroheptanoic acid (PFHpA)	ND		2.43	2.29		ng/g	☼	94	65 - 145	1	30
Perfluorooctanoic acid (PFOA)	0.085	J	2.43	2.34		ng/g	☼	93	70 - 150	2	30
Perfluorononanoic acid (PFNA)	ND		2.43	2.20		ng/g	☼	91	70 - 155	4	30
Perfluorodecanoic acid (PFDA)	ND		2.43	2.17		ng/g	☼	89	70 - 155	1	30
Perfluoroundecanoic acid (PFUnA)	ND		2.43	2.30		ng/g	☼	95	70 - 155	1	30
Perfluorododecanoic acid (PFDoA)	ND		2.43	2.35		ng/g	☼	97	70 - 150	0	30
Perfluorotridecanoic acid (PFTrDA)	ND		2.43	2.31		ng/g	☼	95	65 - 150	3	30
Perfluorotetradecanoic acid (PFTeDA)	ND		2.43	2.25		ng/g	☼	93	65 - 150	2	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.15	1.76		ng/g	☼	82	65 - 145	5	30
Perfluoropentanesulfonic acid (PFPeS)	ND		2.28	2.13		ng/g	☼	93	55 - 160	2	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.21	2.07		ng/g	☼	94	60 - 150	1	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.31	1.96		ng/g	☼	85	65 - 155	2	30
Perfluorooctanesulfonic acid (PFOS)	0.33		2.26	2.25		ng/g	☼	85	65 - 160	3	30
Perfluorononanesulfonic acid (PFNS)	ND		2.33	1.74		ng/g	☼	75	55 - 140	8	30
Perfluorododecanesulfonic acid (PFDoS)	ND		2.35	1.68		ng/g	☼	71	25 - 160	5	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.55	3.71		ng/g	☼	82	60 - 150	10	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202504-10 MSD
Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 780083
Prep Batch: 779475

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.62	4.13		ng/g	☼	89	55 - 200	1	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.66	3.95		ng/g	☼	85	70 - 150	1	30
Perfluorooctanesulfonamide (PFOSA)	ND		2.43	2.24		ng/g	☼	92	70 - 140	1	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.43	2.36		ng/g	☼	97	70 - 155	2	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.43	2.22		ng/g	☼	92	70 - 140	5	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.43	2.12		ng/g	☼	88	65 - 155	1	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.43	2.31		ng/g	☼	95	65 - 165	4	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.1	11.4		ng/g	☼	94	70 - 140	8	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.1	11.4		ng/g	☼	94	70 - 135	9	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.82	1.76		ng/g	☼	97	70 - 145	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.29	2.39		ng/g	☼	104	70 - 160	6	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.43	2.06		ng/g	☼	85	60 - 150	0	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.43	2.34		ng/g	☼	97	30 - 140	1	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.43	2.09		ng/g	☼	86	60 - 155	0	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.27	1.86		ng/g	☼	82	70 - 150	0	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.29	1.88		ng/g	☼	82	45 - 160	1	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.16	1.86		ng/g	☼	86	70 - 140	0	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.85	4.45		ng/g	☼	92	45 - 130	1	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.1	10.3		ng/g	☼	85	60 - 130	1	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		12.1	9.81		ng/g	☼	81	60 - 150	6	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.34	1.89		ng/g	☼	81	40 - 155	1	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4-PFBA	*86.5*		*8 - 130*
13C5-PFPeA	*85.2*		*35 - 130*
13C5-PFHxA	*91.9*		*40 - 130*
13C4-PFHpA	*86.9*		*40 - 130*
13C8-PFOA	*88.1*		*40 - 130*
13C9-PFNA	*81.8*		*40 - 130*
13C6-PFDA	*88.0*		*40 - 130*
13C7-PFUnA	*86.4*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202504-10 MSD
Matrix: Solid
Analysis Batch: 780083

Client Sample ID: SSHS-IRM5A2-SCV117-0-0.17
Prep Type: Total/NA
Prep Batch: 779475

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C2 PFDoA	*80.0*		*40 - 130*
13C2-PFTeDA	*79.0*		*20 - 130*
13C3-PFBS	*82.5*		*40 - 135*
13C3-PFHxS	*82.2*		*40 - 130*
13C8-PFOS	*90.4*		*40 - 130*
13C8-PFOSA	*84.6*		*40 - 130*
d3-NMeFOSAA	*77.5*		*40 - 135*
d5-NEtFOSAA	*86.3*		*40 - 150*
13C2 4:2 FTS	*128*		*40 - 165*
13C2 6:2 FTS	*100*		*40 - 215*
13C2 8:2 FTS	*160*		*40 - 275*
13C3-HFPO-DA	*80.0*		*40 - 130*
D7-NMeFOSE	*71.0*		*20 - 130*
D9-NEtFOSE	*65.5*		*15 - 130*
d5-NEtPFOSA	*79.4*		*10 - 130*
d3-NMePFOSA	*74.4*		*10 - 130*

Lab Sample ID: MB 410-780529/1-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780529

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-780529/1-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780529

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*87.1*		*8 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C5-PFPeA	*96.4*		*35 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C5-PFHxA	*90.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C4-PFHpA	*88.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C8-PFOA	*83.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C9-PFNA	*81.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C6-PFDA	*76.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C7-PFUnA	*75.6*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C2 PFDoA	*75.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C2-PFTeDA	*54.9*		*20 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C3-PFBS	*87.6*		*40 - 135*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C3-PFHxS	*83.3*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C8-PFOS	*79.3*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C8-PFOSA	*110*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
d3-NMeFOSAA	*80.2*		*40 - 135*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
d5-NEtFOSAA	*108*		*40 - 150*	*03/10/26 14:32*	*03/12/26 05:42*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-780529/1-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780529

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 4:2 FTS	126		40 - 165	03/10/26 14:32	03/12/26 05:42	1
13C2 6:2 FTS	122		40 - 215	03/10/26 14:32	03/12/26 05:42	1
13C2 8:2 FTS	124		40 - 275	03/10/26 14:32	03/12/26 05:42	1
13C3-HFPO-DA	83.4		40 - 130	03/10/26 14:32	03/12/26 05:42	1
D7-NMeFOSE	55.0		20 - 130	03/10/26 14:32	03/12/26 05:42	1
D9-NEtFOSE	42.9		15 - 130	03/10/26 14:32	03/12/26 05:42	1
d5-NEtPFOSA	43.4		10 - 130	03/10/26 14:32	03/12/26 05:42	1
d3-NMePFOSA	54.5		10 - 130	03/10/26 14:32	03/12/26 05:42	1

Lab Sample ID: LCS 410-780529/2-A
Matrix: Solid
Analysis Batch: 781699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.65		ng/g		93	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.37		ng/g		95	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.42		ng/g		97	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.41		ng/g		96	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.35		ng/g		94	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.21		ng/g		89	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.51		ng/g		100	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.04		ng/g		82	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	1.87		ng/g		75	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.21		ng/g		88	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.39		ng/g		96	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.24		ng/g		101	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.28		ng/g		97	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.29		ng/g		101	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.11		ng/g		89	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.10		ng/g		90	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.40		ng/g		100	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.97		ng/g		81	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.38		ng/g		93	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.44		ng/g		93	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.49		ng/g		94	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.28		ng/g		91	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.54		ng/g		101	70 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-780529/2-A
Matrix: Solid
Analysis Batch: 781699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.61		ng/g		104	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.32		ng/g		93	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.25		ng/g		90	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.8		ng/g		94	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	10.6		ng/g		85	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.96		ng/g		104	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.35		ng/g		99	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.18		ng/g		87	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.58		ng/g		103	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.66		ng/g		107	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.20		ng/g		94	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	2.20		ng/g		93	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	1.98		ng/g		89	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.84		ng/g		97	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	10.2		ng/g		81	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	9.43		ng/g		75	60 - 150
Perfluorodecanesulfonic acid (PFDS)	2.41	1.98		ng/g		82	40 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4-PFBA	*90.5*		*8 - 130*
13C5-PFPeA	*107*		*35 - 130*
13C5-PFHxA	*108*		*40 - 130*
13C4-PFHpA	*108*		*40 - 130*
13C8-PFOA	*85.4*		*40 - 130*
13C9-PFNA	*83.4*		*40 - 130*
13C6-PFDA	*81.1*		*40 - 130*
13C7-PFUnA	*77.9*		*40 - 130*
13C2 PFDoA	*75.6*		*40 - 130*
13C2-PFTeDA	*71.1*		*20 - 130*
13C3-PFBS	*90.8*		*40 - 135*
13C3-PFHxS	*89.6*		*40 - 130*
13C8-PFOS	*88.8*		*40 - 130*
13C8-PFOSA	*78.2*		*40 - 130*
d3-NMeFOSAA	*74.2*		*40 - 135*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-780529/2-A
Matrix: Solid
Analysis Batch: 781699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*71.4*		*40 - 150*
13C2 4:2 FTS	*97.0*		*40 - 165*
13C2 6:2 FTS	*96.8*		*40 - 215*
13C2 8:2 FTS	*81.4*		*40 - 275*
13C3-HFPO-DA	*106*		*40 - 130*
D7-NMeFOSE	*55.1*		*20 - 130*
D9-NEtFOSE	*58.6*		*15 - 130*
d5-NEtPFOSA	*67.2*		*10 - 130*
d3-NMePFOSA	*69.8*		*10 - 130*

Lab Sample ID: LLCS 410-780529/3-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.451		ng/g		90	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.222		ng/g		89	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.255		ng/g		102	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.219		ng/g		87	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.227		ng/g		91	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.229		ng/g		92	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.224		ng/g		90	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.221		ng/g		88	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.240		ng/g		96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.225		ng/g		90	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.213		ng/g		85	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.203		ng/g		91	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.205		ng/g		87	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.200		ng/g		88	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.225		ng/g		94	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.210		ng/g		90	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.212		ng/g		88	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.129	J	ng/g		53	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.421		ng/g		90	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.424		ng/g		89	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.470		ng/g		98	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.249		ng/g		100	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-780529/3-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.263		ng/g		105	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.239		ng/g		96	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.247		ng/g		99	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.240		ng/g		96	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.17		ng/g		93	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.22		ng/g		98	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.201		ng/g		107	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.233		ng/g		99	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.206		ng/g		82	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.252		ng/g		101	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.249		ng/g		100	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.191	J	ng/g		82	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.169	J	ng/g		72	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.235		ng/g		105	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.556		ng/g		111	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.02		ng/g		81	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	0.752	J	ng/g		60	60 - 150
Perfluorodecanesulfonic acid (PFDS)	0.241	0.201		ng/g		84	40 - 155

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4-PFBA	*92.9*		*8 - 130*
13C5-PFPeA	*95.6*		*35 - 130*
13C5-PFHxA	*91.4*		*40 - 130*
13C4-PFHpA	*93.6*		*40 - 130*
13C8-PFOA	*89.8*		*40 - 130*
13C9-PFNA	*90.4*		*40 - 130*
13C6-PFDA	*91.8*		*40 - 130*
13C7-PFUnA	*97.1*		*40 - 130*
13C2 PFDoA	*96.6*		*40 - 130*
13C2-PFTeDA	*77.7*		*20 - 130*
13C3-PFBS	*93.5*		*40 - 135*
13C3-PFHxS	*92.3*		*40 - 130*
13C8-PFOS	*103*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-780529/3-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C8-PFOSA	*114*		*40 - 130*
d3-NMeFOSAA	*83.9*		*40 - 135*
d5-NEtFOSAA	*115*		*40 - 150*
13C2 4:2 FTS	*122*		*40 - 165*
13C2 6:2 FTS	*120*		*40 - 215*
13C2 8:2 FTS	*118*		*40 - 275*
13C3-HFPO-DA	*85.6*		*40 - 130*
D7-NMeFOSE	*65.2*		*20 - 130*
D9-NEtFOSE	*45.9*		*15 - 130*
d5-NEtPFOSA	*63.1*		*10 - 130*
d3-NMePFOSA	*69.9*		*10 - 130*

Method: EPA 6010D - Metals (ICP)

Lab Sample ID: MB 410-778996/1-A
Matrix: Solid
Analysis Batch: 779877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		30	9.0	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Antimony	ND		5.0	1.7	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Arsenic	ND		5.0	1.4	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Barium	ND		0.50	0.15	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Beryllium	ND		0.50	0.10	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Cadmium	ND		0.50	0.10	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Calcium	ND		50	21	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Chromium	ND		1.5	0.60	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Cobalt	ND		0.50	0.15	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Copper	ND		2.0	0.77	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Iron	ND		20	8.0	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Lead	ND		1.5	0.60	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Magnesium	6.82	J	20	4.0	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Manganese	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Nickel	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Potassium	ND		100	35	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Selenium	ND		5.0	1.5	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Silver	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Sodium	ND		100	40	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Thallium	ND		3.0	1.3	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Vanadium	ND		1.0	0.43	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Zinc	ND		2.0	0.80	mg/Kg		03/07/26 07:30	03/09/26 12:32	1

Lab Sample ID: LCS 410-778996/2-A
Matrix: Solid
Analysis Batch: 779877

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	491		mg/Kg		98	88 - 110
Antimony	10.0	10.0		mg/Kg		100	80 - 120

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-778996/2-A
Matrix: Solid
Analysis Batch: 779877

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	50.0	49.5		mg/Kg		99	87 - 113
Barium	50.0	51.1		mg/Kg		102	90 - 111
Beryllium	5.00	5.24		mg/Kg		105	90 - 113
Cadmium	5.00	5.07		mg/Kg		101	90 - 110
Calcium	500	515		mg/Kg		103	90 - 111
Chromium	50.0	51.1		mg/Kg		102	90 - 113
Cobalt	50.0	50.8		mg/Kg		102	90 - 110
Copper	50.0	49.5		mg/Kg		99	90 - 110
Iron	500	494		mg/Kg		99	89 - 111
Magnesium	500	488		mg/Kg		98	89 - 111
Manganese	50.0	50.1		mg/Kg		100	90 - 111
Nickel	50.0	51.5		mg/Kg		103	90 - 111
Potassium	500	480		mg/Kg		96	88 - 113
Selenium	10.0	11.1		mg/Kg		111	80 - 119
Silver	5.00	5.04		mg/Kg		101	85 - 112
Sodium	500	490		mg/Kg		98	88 - 114
Thallium	10.0	9.38		mg/Kg		94	80 - 120
Vanadium	50.0	49.3		mg/Kg		99	90 - 111
Zinc	50.0	49.8		mg/Kg		100	90 - 110

Lab Sample ID: LCS 410-778996/2-A
Matrix: Solid
Analysis Batch: 781898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	5.00	5.13		mg/Kg		103	85 - 117

Lab Sample ID: MB 410-778997/1-A
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778997

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		30	9.0	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Antimony	ND		5.0	1.7	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Arsenic	ND		5.0	1.4	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Barium	ND		0.50	0.15	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Beryllium	ND		0.50	0.10	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Cadmium	ND		0.50	0.10	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Calcium	ND		50	21	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Chromium	ND		1.5	0.60	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Cobalt	ND		0.50	0.15	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Copper	ND		2.0	0.77	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Iron	ND		20	8.0	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Lead	ND		1.5	0.60	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Magnesium	ND		20	4.0	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Manganese	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Nickel	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Potassium	ND		100	35	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Selenium	ND		5.0	1.5	mg/Kg		03/07/26 07:30	03/10/26 13:39	1

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-778997/1-A
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778997

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Sodium	ND		100	40	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Thallium	ND		3.0	1.3	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Vanadium	ND		1.0	0.43	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Zinc	ND		2.0	0.80	mg/Kg		03/07/26 07:30	03/10/26 13:39	1

Lab Sample ID: LCS 410-778997/2-A
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778997

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	496		mg/Kg		99	88 - 110
Antimony	10.0	9.70		mg/Kg		97	80 - 120
Arsenic	50.0	48.9		mg/Kg		98	87 - 113
Barium	50.0	50.0		mg/Kg		100	90 - 111
Beryllium	5.00	5.23		mg/Kg		105	90 - 113
Cadmium	5.00	5.09		mg/Kg		102	90 - 110
Calcium	500	522		mg/Kg		104	90 - 111
Chromium	50.0	50.0		mg/Kg		100	90 - 113
Cobalt	50.0	50.5		mg/Kg		101	90 - 110
Copper	50.0	49.7		mg/Kg		99	90 - 110
Iron	500	498		mg/Kg		100	89 - 111
Lead	5.00	5.13		mg/Kg		103	85 - 117
Magnesium	500	484		mg/Kg		97	89 - 111
Manganese	50.0	50.5		mg/Kg		101	90 - 111
Nickel	50.0	50.7		mg/Kg		101	90 - 111
Potassium	500	496		mg/Kg		99	88 - 113
Selenium	10.0	9.83		mg/Kg		98	80 - 119
Silver	5.00	4.58		mg/Kg		92	85 - 112
Sodium	500	507		mg/Kg		101	88 - 114
Thallium	10.0	10.2		mg/Kg		102	80 - 120
Vanadium	50.0	50.3		mg/Kg		101	90 - 111
Zinc	50.0	49.9		mg/Kg		100	90 - 110

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-779061/1-A
Matrix: Solid
Analysis Batch: 780087

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/09/26 10:45	03/09/26 19:07	1

Lab Sample ID: LCS 410-779061/2-A
Matrix: Solid
Analysis Batch: 780087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779061

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.172		mg/Kg		103	80 - 120

Method: EPA 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: MB 410-779068/1-A
Matrix: Solid
Analysis Batch: 779759

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779068

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/06/26 16:53	03/09/26 09:05	1

Lab Sample ID: LCS 410-779068/2-A
Matrix: Solid
Analysis Batch: 779759

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779068

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.168		mg/Kg		101	80 - 120

Lab Sample ID: MB 410-779073/1-A
Matrix: Solid
Analysis Batch: 780087

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779073

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/09/26 15:02	03/09/26 21:20	1

Lab Sample ID: LCS 410-779073/2-A
Matrix: Solid
Analysis Batch: 780087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779073

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.167		mg/Kg		100	80 - 120

Method: Moisture - Percent Moisture

Lab Sample ID: 180-202504-16 DU
Matrix: Solid
Analysis Batch: 511051

Client Sample ID: SSHS-IRM5A2-SCV107-0-0.17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	13.4		12.5		%		7	10
Percent Solids	86.6		87.5		%		1	10

GC/MS VOA

Prep Batch: 783020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-1	SSHS-IRM5A2-SCV123-0.5-1	Total/NA	Solid	5035	
180-202504-4	SSHS-IRM5A2-SCV114-0.5-1	Total/NA	Solid	5035	
180-202504-9	SSHS-IRM5A2-SCV116-0.5-1	Total/NA	Solid	5035	
180-202504-12	SSHS-IRM5A2-SCV117-0.5-1	Total/NA	Solid	5035	
180-202504-15	SSHS-IRM5A2-SCV113-0.5-1	Total/NA	Solid	5035	

Analysis Batch: 783114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-1	SSHS-IRM5A2-SCV123-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202504-4	SSHS-IRM5A2-SCV114-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202504-9	SSHS-IRM5A2-SCV116-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202504-12	SSHS-IRM5A2-SCV117-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202504-15	SSHS-IRM5A2-SCV113-0.5-1	Total/NA	Solid	EPA 8260D	783020
MB 410-783114/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-783114/4	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-783114/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

GC/MS Semi VOA

Prep Batch: 510879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-8	SSHS-IRM5A2-SCV116-0.17-1	Total/NA	Solid	3541	
180-202504-10	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	3541	
180-202504-11	SSHS-IRM5A2-SCV117-0.17-1	Total/NA	Solid	3541	
180-202504-13	SSHS-IRM5A2-SCV113-0-0.17	Total/NA	Solid	3541	
180-202504-14	SSHS-IRM5A2-SCV113-0.17-1	Total/NA	Solid	3541	
180-202504-16	SSHS-IRM5A2-SCV107-0-0.17	Total/NA	Solid	3541	
180-202504-17	SSHS-IRM5A2-SCV107-0.17-1	Total/NA	Solid	3541	
MB 180-510879/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510879/2-A	Lab Control Sample	Total/NA	Solid	3541	

Prep Batch: 510885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-2	SSHS-IRM5A2-SCV114-0-0.17	Total/NA	Solid	3541	
180-202504-3	SSHS-IRM5A2-SCV114-0.17-1	Total/NA	Solid	3541	
180-202504-5	SSHS-IRM5A2-SCV115-0-0.17	Total/NA	Solid	3541	
180-202504-6	SSHS-IRM5A2-SCV115-0.17-1	Total/NA	Solid	3541	
180-202504-7	SSHS-IRM5A2-SCV116-0-0.17	Total/NA	Solid	3541	
MB 180-510885/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510885/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 510978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-8	SSHS-IRM5A2-SCV116-0.17-1	Total/NA	Solid	EPA 8270E	510879
180-202504-10	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	EPA 8270E	510879
180-202504-11	SSHS-IRM5A2-SCV117-0.17-1	Total/NA	Solid	EPA 8270E	510879
180-202504-13	SSHS-IRM5A2-SCV113-0-0.17	Total/NA	Solid	EPA 8270E	510879
180-202504-14	SSHS-IRM5A2-SCV113-0.17-1	Total/NA	Solid	EPA 8270E	510879
180-202504-16	SSHS-IRM5A2-SCV107-0-0.17	Total/NA	Solid	EPA 8270E	510879
180-202504-17	SSHS-IRM5A2-SCV107-0.17-1	Total/NA	Solid	EPA 8270E	510879
MB 180-510879/1-A	Method Blank	Total/NA	Solid	EPA 8270E	510879

GC/MS Semi VOA (Continued)

Analysis Batch: 510978 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 180-510879/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	510879

Analysis Batch: 510979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-510885/1-A	Method Blank	Total/NA	Solid	EPA 8270E	510885
LCS 180-510885/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	510885

Analysis Batch: 510986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-2	SSHS-IRM5A2-SCV114-0-0.17	Total/NA	Solid	EPA 8270E	510885
180-202504-3	SSHS-IRM5A2-SCV114-0.17-1	Total/NA	Solid	EPA 8270E	510885
180-202504-5	SSHS-IRM5A2-SCV115-0-0.17	Total/NA	Solid	EPA 8270E	510885
180-202504-6	SSHS-IRM5A2-SCV115-0.17-1	Total/NA	Solid	EPA 8270E	510885
180-202504-7	SSHS-IRM5A2-SCV116-0-0.17	Total/NA	Solid	EPA 8270E	510885

GC Semi VOA

Prep Batch: 510880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-8	SSHS-IRM5A2-SCV116-0.17-1	Total/NA	Solid	3541	
180-202504-10	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	3541	
180-202504-11	SSHS-IRM5A2-SCV117-0.17-1	Total/NA	Solid	3541	
180-202504-13	SSHS-IRM5A2-SCV113-0-0.17	Total/NA	Solid	3541	
180-202504-14	SSHS-IRM5A2-SCV113-0.17-1	Total/NA	Solid	3541	
180-202504-16	SSHS-IRM5A2-SCV107-0-0.17	Total/NA	Solid	3541	
180-202504-17	SSHS-IRM5A2-SCV107-0.17-1	Total/NA	Solid	3541	
MB 180-510880/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510880/2-A	Lab Control Sample	Total/NA	Solid	3541	

Prep Batch: 510887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-2	SSHS-IRM5A2-SCV114-0-0.17	Total/NA	Solid	3541	
180-202504-3	SSHS-IRM5A2-SCV114-0.17-1	Total/NA	Solid	3541	
180-202504-5	SSHS-IRM5A2-SCV115-0-0.17	Total/NA	Solid	3541	
180-202504-6	SSHS-IRM5A2-SCV115-0.17-1	Total/NA	Solid	3541	
180-202504-7	SSHS-IRM5A2-SCV116-0-0.17	Total/NA	Solid	3541	
MB 180-510887/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510887/2-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 510964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-2	SSHS-IRM5A2-SCV114-0-0.17	Total/NA	Solid	EPA 8082A	510887
180-202504-3	SSHS-IRM5A2-SCV114-0.17-1	Total/NA	Solid	EPA 8082A	510887
180-202504-5	SSHS-IRM5A2-SCV115-0-0.17	Total/NA	Solid	EPA 8082A	510887
180-202504-6	SSHS-IRM5A2-SCV115-0.17-1	Total/NA	Solid	EPA 8082A	510887
180-202504-7	SSHS-IRM5A2-SCV116-0-0.17	Total/NA	Solid	EPA 8082A	510887
180-202504-8	SSHS-IRM5A2-SCV116-0.17-1	Total/NA	Solid	EPA 8082A	510880
180-202504-10	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	EPA 8082A	510880
180-202504-11	SSHS-IRM5A2-SCV117-0.17-1	Total/NA	Solid	EPA 8082A	510880
180-202504-13	SSHS-IRM5A2-SCV113-0-0.17	Total/NA	Solid	EPA 8082A	510880
180-202504-14	SSHS-IRM5A2-SCV113-0.17-1	Total/NA	Solid	EPA 8082A	510880

GC Semi VOA (Continued)

Analysis Batch: 510964 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-16	SSHS-IRM5A2-SCV107-0-0.17	Total/NA	Solid	EPA 8082A	510880
180-202504-17	SSHS-IRM5A2-SCV107-0.17-1	Total/NA	Solid	EPA 8082A	510880
MB 180-510880/1-A	Method Blank	Total/NA	Solid	EPA 8082A	510880
MB 180-510887/1-A	Method Blank	Total/NA	Solid	EPA 8082A	510887
LCS 180-510880/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	510880
LCS 180-510887/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	510887

LCMS

Prep Batch: 779475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-3	SSHS-IRM5A2-SCV114-0.17-1	Total/NA	Solid	1633A	
180-202504-10	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	1633A	
MB 410-779475/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-779475/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-779475/3-A	Lab Control Sample	Total/NA	Solid	1633A	
180-202504-10 MS	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	1633A	
180-202504-10 MSD	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	1633A	

Analysis Batch: 780083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-3	SSHS-IRM5A2-SCV114-0.17-1	Total/NA	Solid	1633A	779475
180-202504-10	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	1633A	779475
MB 410-779475/1-A	Method Blank	Total/NA	Solid	1633A	779475
LCS 410-779475/2-A	Lab Control Sample	Total/NA	Solid	1633A	779475
LLCS 410-779475/3-A	Lab Control Sample	Total/NA	Solid	1633A	779475
180-202504-10 MS	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	1633A	779475
180-202504-10 MSD	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	1633A	779475

Prep Batch: 780529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-13	SSHS-IRM5A2-SCV113-0-0.17	Total/NA	Solid	1633A	
MB 410-780529/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-780529/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-780529/3-A	Lab Control Sample	Total/NA	Solid	1633A	

Analysis Batch: 781416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-13	SSHS-IRM5A2-SCV113-0-0.17	Total/NA	Solid	1633A	780529
MB 410-780529/1-A	Method Blank	Total/NA	Solid	1633A	780529
LLCS 410-780529/3-A	Lab Control Sample	Total/NA	Solid	1633A	780529

Analysis Batch: 781699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-780529/2-A	Lab Control Sample	Total/NA	Solid	1633A	780529

Metals

Prep Batch: 778996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-11	SSHS-IRM5A2-SCV117-0.17-1	Total/NA	Solid	3050B	
180-202504-13	SSHS-IRM5A2-SCV113-0-0.17	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 778996 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-14	SSHS-IRM5A2-SCV113-0.17-1	Total/NA	Solid	3050B	
180-202504-16	SSHS-IRM5A2-SCV107-0-0.17	Total/NA	Solid	3050B	
180-202504-17	SSHS-IRM5A2-SCV107-0.17-1	Total/NA	Solid	3050B	
MB 410-778996/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-778996/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 778997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-2	SSHS-IRM5A2-SCV114-0-0.17	Total/NA	Solid	3050B	
180-202504-3	SSHS-IRM5A2-SCV114-0.17-1	Total/NA	Solid	3050B	
180-202504-5	SSHS-IRM5A2-SCV115-0-0.17	Total/NA	Solid	3050B	
180-202504-6	SSHS-IRM5A2-SCV115-0.17-1	Total/NA	Solid	3050B	
180-202504-7	SSHS-IRM5A2-SCV116-0-0.17	Total/NA	Solid	3050B	
180-202504-8	SSHS-IRM5A2-SCV116-0.17-1	Total/NA	Solid	3050B	
180-202504-10	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	3050B	
MB 410-778997/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-778997/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 779061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-8	SSHS-IRM5A2-SCV116-0.17-1	Total/NA	Solid	7471B	
180-202504-10	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	7471B	
MB 410-779061/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-779061/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 779068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-11	SSHS-IRM5A2-SCV117-0.17-1	Total/NA	Solid	7471B	
180-202504-13	SSHS-IRM5A2-SCV113-0-0.17	Total/NA	Solid	7471B	
180-202504-14	SSHS-IRM5A2-SCV113-0.17-1	Total/NA	Solid	7471B	
180-202504-16	SSHS-IRM5A2-SCV107-0-0.17	Total/NA	Solid	7471B	
180-202504-17	SSHS-IRM5A2-SCV107-0.17-1	Total/NA	Solid	7471B	
MB 410-779068/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-779068/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 779073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-2	SSHS-IRM5A2-SCV114-0-0.17	Total/NA	Solid	7471B	
180-202504-3	SSHS-IRM5A2-SCV114-0.17-1	Total/NA	Solid	7471B	
180-202504-5	SSHS-IRM5A2-SCV115-0-0.17	Total/NA	Solid	7471B	
180-202504-6	SSHS-IRM5A2-SCV115-0.17-1	Total/NA	Solid	7471B	
180-202504-7	SSHS-IRM5A2-SCV116-0-0.17	Total/NA	Solid	7471B	
MB 410-779073/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-779073/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 779759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-11	SSHS-IRM5A2-SCV117-0.17-1	Total/NA	Solid	EPA 7471B	779068
180-202504-13	SSHS-IRM5A2-SCV113-0-0.17	Total/NA	Solid	EPA 7471B	779068
180-202504-14	SSHS-IRM5A2-SCV113-0.17-1	Total/NA	Solid	EPA 7471B	779068
180-202504-16	SSHS-IRM5A2-SCV107-0-0.17	Total/NA	Solid	EPA 7471B	779068

Metals (Continued)

Analysis Batch: 779759 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-17	SSHS-IRM5A2-SCV107-0.17-1	Total/NA	Solid	EPA 7471B	779068
MB 410-779068/1-A	Method Blank	Total/NA	Solid	EPA 7471B	779068
LCS 410-779068/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	779068

Analysis Batch: 779877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-11	SSHS-IRM5A2-SCV117-0.17-1	Total/NA	Solid	EPA 6010D	778996
180-202504-13	SSHS-IRM5A2-SCV113-0-0.17	Total/NA	Solid	EPA 6010D	778996
180-202504-14	SSHS-IRM5A2-SCV113-0.17-1	Total/NA	Solid	EPA 6010D	778996
180-202504-16	SSHS-IRM5A2-SCV107-0-0.17	Total/NA	Solid	EPA 6010D	778996
180-202504-17	SSHS-IRM5A2-SCV107-0.17-1	Total/NA	Solid	EPA 6010D	778996
MB 410-778996/1-A	Method Blank	Total/NA	Solid	EPA 6010D	778996
LCS 410-778996/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778996

Analysis Batch: 780087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-2	SSHS-IRM5A2-SCV114-0-0.17	Total/NA	Solid	EPA 7471B	779073
180-202504-3	SSHS-IRM5A2-SCV114-0.17-1	Total/NA	Solid	EPA 7471B	779073
180-202504-5	SSHS-IRM5A2-SCV115-0-0.17	Total/NA	Solid	EPA 7471B	779073
180-202504-6	SSHS-IRM5A2-SCV115-0.17-1	Total/NA	Solid	EPA 7471B	779073
180-202504-7	SSHS-IRM5A2-SCV116-0-0.17	Total/NA	Solid	EPA 7471B	779073
180-202504-8	SSHS-IRM5A2-SCV116-0.17-1	Total/NA	Solid	EPA 7471B	779061
180-202504-10	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	EPA 7471B	779061
MB 410-779061/1-A	Method Blank	Total/NA	Solid	EPA 7471B	779061
MB 410-779073/1-A	Method Blank	Total/NA	Solid	EPA 7471B	779073
LCS 410-779061/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	779061
LCS 410-779073/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	779073

Analysis Batch: 780728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-2	SSHS-IRM5A2-SCV114-0-0.17	Total/NA	Solid	EPA 6010D	778997
180-202504-3	SSHS-IRM5A2-SCV114-0.17-1	Total/NA	Solid	EPA 6010D	778997
180-202504-5	SSHS-IRM5A2-SCV115-0-0.17	Total/NA	Solid	EPA 6010D	778997
180-202504-6	SSHS-IRM5A2-SCV115-0.17-1	Total/NA	Solid	EPA 6010D	778997
180-202504-7	SSHS-IRM5A2-SCV116-0-0.17	Total/NA	Solid	EPA 6010D	778997
180-202504-8	SSHS-IRM5A2-SCV116-0.17-1	Total/NA	Solid	EPA 6010D	778997
180-202504-10	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	EPA 6010D	778997
MB 410-778997/1-A	Method Blank	Total/NA	Solid	EPA 6010D	778997
LCS 410-778997/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778997

Analysis Batch: 781898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-778996/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778996

General Chemistry

Analysis Batch: 510930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-2	SSHS-IRM5A2-SCV114-0-0.17	Total/NA	Solid	Moisture	
180-202504-3	SSHS-IRM5A2-SCV114-0.17-1	Total/NA	Solid	Moisture	
180-202504-5	SSHS-IRM5A2-SCV115-0-0.17	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 510930 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-6	SSHS-IRM5A2-SCV115-0.17-1	Total/NA	Solid	Moisture	
180-202504-7	SSHS-IRM5A2-SCV116-0-0.17	Total/NA	Solid	Moisture	
180-202504-8	SSHS-IRM5A2-SCV116-0.17-1	Total/NA	Solid	Moisture	
180-202504-10	SSHS-IRM5A2-SCV117-0-0.17	Total/NA	Solid	Moisture	
180-202504-11	SSHS-IRM5A2-SCV117-0.17-1	Total/NA	Solid	Moisture	

Analysis Batch: 511003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-13	SSHS-IRM5A2-SCV113-0-0.17	Total/NA	Solid	Moisture	
180-202504-14	SSHS-IRM5A2-SCV113-0.17-1	Total/NA	Solid	Moisture	
180-202504-17	SSHS-IRM5A2-SCV107-0.17-1	Total/NA	Solid	Moisture	

Analysis Batch: 511051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-16	SSHS-IRM5A2-SCV107-0-0.17	Total/NA	Solid	Moisture	
180-202504-16 DU	SSHS-IRM5A2-SCV107-0-0.17	Total/NA	Solid	Moisture	

Analysis Batch: 778775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202504-1	SSHS-IRM5A2-SCV123-0.5-1	Total/NA	Solid	Moisture	
180-202504-4	SSHS-IRM5A2-SCV114-0.5-1	Total/NA	Solid	Moisture	
180-202504-9	SSHS-IRM5A2-SCV116-0.5-1	Total/NA	Solid	Moisture	
180-202504-12	SSHS-IRM5A2-SCV117-0.5-1	Total/NA	Solid	Moisture	
180-202504-15	SSHS-IRM5A2-SCV113-0.5-1	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC3

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 1 of 2

Company: Geosyntec Consultants, Inc.	Due Date Requested:	TAT Requested (days): Standard	PO #: 26008081-17847	WO #:	Project #: 18013464	SSOW#:	Job #:
Address: Geosyntec Consultants, Inc.	City: Minneapolis	State, Zip: MN, 55401	Phone: 920-676-4194	Email:	Project Name: Former Sperry Remington	Site:	

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N									
SSHS-IRM5A2-SCV123-0.5-1	3/3/26	1110	C	S	N	N	X												4	
SSHS-IRM5A2-SCV114-0-0.17	3/3/26	1215	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV114-0.17-1	3/3/26	1220	C	S	N	N		X	X	X	X								3	
SSHS-IRM5A2-SCV114-0.5-1	3/3/26	1220	C	S	N	N	X												4	
SSHS-IRM5A2-SCV115-0-0.17	3/3/26	1230	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV115-0.17-1	3/3/26	1235	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV116-0-0.17	3/3/26	1240	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV116-0.17-1	3/3/26	1245	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV116-0.5-1	3/3/26	1245	C	S	N	N	X												4	
SSHS-IRM5A2-SCV117-0-0.17	3/3/26	1250	C	S	N	N		X	X	X	X								3	
SSHS-IRM5A2-SCV117-0.17-1	3/3/26	1255	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV117-0.5-1	3/3/26	1255	C	S	N	N	X												4	

180-202504 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	3-3-26 1545	Geosyntec	[signature]	3/5/26 0930	EFTINE
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

3/19/2026

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC3

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address	Due Date Requested:	TAT Requested (days):
Geosyntec Consultants, Inc.		Standard
City: Minneapolis		
State, Zip: MN, 55401	PO #: 26008081-17847	
Phone: 920-676-4194	WO #:	
Email	Project #: 18013464	
Project Name: Former Sperry Remington	SSOW#:	
Site		

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code				N	N	N	N	N									
SSHS-IRM5A2-SCV113-0-0.17	3/3/26	1400	C	S	N	N		X	X	X	X								3	
SSHS-IRM5A2-SCV113-0.17-1	3/3/26	1405	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV113-0.5-1	3/3/26	1405	C	S	N	N	X												4	
SSHS-IRM5A2-SCV107-0-0.17	3/3/26	1415	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV107-0.17-1	3/3/26	1420	C	S	N	N		X	X	X									2	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date:	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	3-3-26 1545	Geosyntec	[signature]	3/5/26 0940	EQ Trans
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

3/19/2026

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC3

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: Geosyntec Consultants, Inc.	Due Date Requested:			
City: Minneapolis	TAT Requested (days): Standard			
State, Zip: MN, 55401				
Phone: 920-676-4194	PO #: 26008081-17847			
Email:	WO #:			
Project Name: Former Sperry Remington	Project #: 18013464			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N									
SSHS-IRM5A2-SCV123-0.5-1	3/3/26	1110	C	S	N	N	X												4	
SSHS-IRM5A2-SCV114-0-0.17	3/3/26	1215	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV114-0.17-1	3/3/26	1220	C	S	N	N		X	X	X	X								3	
SSHS-IRM5A2-SCV114-0.5-1	3/3/26	1220	C	S	N	N	X												4	
SSHS-IRM5A2-SCV115-0-0.17	3/3/26	1230	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV115-0.17-1	3/3/26	1235	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV116-0-0.17	3/3/26	1240	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV116-0.17-1	3/3/26	1245	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV116-0.5-1	3/3/26	1245	C	S	N	N	X												4	
SSHS-IRM5A2-SCV117-0-0.17	3/3/26	1250	C	S	N	N		X	X	X	X								3	
SSHS-IRM5A2-SCV117-0.17-1	3/3/26	1255	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV117-0.5-1	3/3/26	1255	C	S	N	N	X												4	

180-202504 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	3-3-26 1545	Geosyntec	[signature]	3/5/26 0930	EFTINE
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

3/19/2026

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC3

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address	Due Date Requested:	TAT Requested (days):
Geosyntec Consultants, Inc.		Standard
City: Minneapolis		
State, Zip: MN, 55401	PO #: 26008081-17847	
Phone: 920-676-4194	WO #:	
Email	Project #: 18013464	
Project Name: Former Sperry Remington	SSOW#:	
Site		

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code				N	N	N	N	N									
SSHS-IRM5A2-SCV113-0-0.17	3/3/26	1400	C	S	N	N		X	X	X	X								3	
SSHS-IRM5A2-SCV113-0.17-1	3/3/26	1405	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV113-0.5-1	3/3/26	1405	C	S	N	N	X												4	
SSHS-IRM5A2-SCV107-0-0.17	3/3/26	1415	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV107-0.17-1	3/3/26	1420	C	S	N	N		X	X	X									2	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date:	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	3-3-26 1545	Geosyntec	[signature]	3/5/26 0940	EQ Trans
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

3/19/2026

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

FedEx
MPS# 0263 8892 0814 0444

WED - 04 MAR 4A
PRIORITY OVERNIGHT

NP AGCA

15238
PA - US PT

Uncorrected temp 4.1 °C
Thermometer ID 29
CF 40.6 Initials JC
PT-WI-SR-001 effective 11/8/18

#5201616-03/03 5BKJ2/D126/484B

J261026012001uv

RDW2 EXP 11/26

180-202504 Waybill

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

Uncorrected temp 5.1 °C
Thermometer ID 29
CF 40.6 Initials JC
PT-WI-SR-001 effective 11/8/18

FedEx Express

J261026012001uv

FedEx
MPS# 0263 8892 0814 0433

WED - 04 MAR 10:30A
PRIORITY OVERNIGHT

NP AGCA

15238
PA - US PT

RDW2 EXP 11/26

#5201616 03/03 5BKJ2/D126/484B

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 2600806
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/4B4B

FedEx

FedEx
TRK# 0201 8892 0814 0422

WED - 04 MAR AA
PRIORITY OVERNIGHT

15238
PA-US PIT

NP AGCA

Uncorrected temp 4.9 °C
Thermometer ID 29
CF 0.1 Initials JC

PT-WI-SR-001 effective 11/8/18

#5201616 03/03 58KJ2/D126/4B4B

05 07.08
ONMENT TESTING 414963 E
15238-2907-01
OVERNIGHT
SP:PD:100:Y
0001523800889208141

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

FedEx
MPS# 0263 8892 0814 0466

WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PT

Uncorrected temp 5.1 °C
Thermometer ID 29
CF +0.6 Initials JC

PT-WI-SR-001 effective 11/8/18

#5201616 03/03 58KJ2/D126/484B

J2510260120001en

EXP 11/26

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

FedEx
MPS# 0263 8892 0814 0455

WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PT

Uncorrected temp 3.8 °C
Thermometer ID 29
CF +0.6 Initials JC

PT-WI-SR-001 effective 11/8/18

#5201616 03/03 58KJ2/D126/484B

J2510260120001en

EXP 11/26

THU 03/05 07:10 414963
ENVIRONMENT TESTING
15238-2907-01
NIGHT

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

FedEx
MPS# 0263 8892 0814 0444

WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PT

Uncorrected temp 4.1 °C
Thermometer ID 29
CF +0.1 Initials JC
PT-WI-SR-001 effective 11/8/18

FedEx Ship Manager - Software Your Way
EXP 11/26

#5201616 03/03 5BKJ2/D126/484B

180-202504 Waybill

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

Uncorrected temp 5.1 °C
Thermometer ID 29
CF +0.1 Initials JC
PT-WI-SR-001 effective 11/8/18

FedEx Express

FedEx
MPS# 0263 8892 0814 0433

WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PT

FedEx Ship Manager - Software Your Way
EXP 11/26

#5201616 03/03 5BKJ2/D126/484B

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 2600806
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/4B4B

FedEx

FedEx
TRK# 0201 8892 0814 0422

WED - 04 MAR AA
PRIORITY OVERNIGHT

15238
PA - US
PIT

NP AGCA

Uncorrected temp 4.9 °C
Thermometer ID 29
CF 4.0.1 Initials JC

PT-WI-SR-001 effective 11/8/18

#5201616 03/03 58KJ2/D126/4B4B

05 07.08
ONMENT TESTING
414963
E
15238-2907-01
OVERNIGHT
SP:PD:100:Y
0001523800889208141

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

FedEx
MPS# 0263 8892 0814 0466

WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PIT

DIM2 EXP 11/26

Uncorrected temp 5.1 °C
Thermometer ID 129
CF +0.6 Initials JC

PT-WI-SR-001 effective 11/8/18

#5201616 03/03 58KJ2/D126/484B

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

FedEx
MPS# 0263 8892 0814 0455

WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PIT

DIM2 EXP 11/26

Uncorrected temp 3.8 °C
Thermometer ID 29
CF +0.6 Initials JC

PT-WI-SR-001 effective 11/8/18

#5201616 03/03 58KJ2/D126/484B

THU 03/05 07:10 414963
ENVIRONMENT TESTING
15238-2907-01
NIGHT

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553809.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202504-1
Address: 2425 New Holland Pike,	Due Date Requested: 3/18/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SSHS-IRM5A2-SCV123-0.5-1 (180-202504-1)	3/3/26	11:00 Eastern	G	Solid			X	X	X				4	Terracore Temps
SSHS-IRM5A2-SCV114-0-0.17 (180-202504-2)	3/3/26	12:15 Eastern	G	Solid						X	X		1	-5.6 + 4.4
SSHS-IRM5A2-SCV114-0.17-1 (180-202504-3)	3/3/26	12:20 Eastern	G	Solid						X	X	X	2	CF +0.8 (2)
SSHS-IRM5A2-SCV114-0.5-1 (180-202504-4)	3/3/26	12:20 Eastern	G	Solid			X	X	X				4	-4.62 + -3.6
SSHS-IRM5A2-SCV115-0-0.17 (180-202504-5)	3/3/26	12:30 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV115-0.17-1 (180-202504-6)	3/3/26	12:35 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV116-0-0.17 (180-202504-7)	3/3/26	12:40 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV116-0.17-1 (180-202504-8)	3/3/26	12:45 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV116-0.5-1 (180-202504-9)	3/3/26	12:45 Eastern	G	Solid			X	X	X				4	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
James J. Hinkelman	3/5/26 14:00	EPHM		3-5-26 14:40	ELLE
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	3-5-26 19:10	ELLE			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				3/5/26 1910	ELLE

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☐ Yes ☐ No		-6.0 -3.9 / -5.8 -4.1

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553809.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202504-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/18/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SSHS-IRM5A2-SCV117-0-0.17 (180-202504-10)	3/3/26	12:50 Eastern	G	Solid						X	X	X	2	
SSHS-IRM5A2-SCV117-0.17-1 (180-202504-11)	3/3/26	12:55 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV117-0.5-1 (180-202504-12)	3/3/26	12:55 Eastern	G	Solid			X	X	X				4	
SSHS-IRM5A2-SCV113-0-0.17 (180-202504-13)	3/3/26	14:00 Eastern	G	Solid						X	X	X	2	
SSHS-IRM5A2-SCV113-0.17-1 (180-202504-14)	3/3/26	14:05 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV113-0.5-1 (180-202504-15)	3/3/26	14:05 Eastern	G	Solid			X	X	X				4	
SSHS-IRM5A2-SCV107-0-0.17 (180-202504-16)	3/3/26	14:15 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV107-0.17-1 (180-202504-17)	3/3/26	14:20 Eastern	G	Solid						X	X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: James J. Hinkelman	Date/Time: 3/5/26 14:00	Company: EPITOME	Received by:	Date/Time: 3-5-26 14:40	Company: ELLE
Relinquished by:	Date/Time: 3-5-26 19:10	Company: ELLE	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/5/26 1910	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: -6.0 - 3.9 / -5.8 - 4.1

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553809.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202504-1
Address: 2425 New Holland Pike,	Due Date Requested: 3/18/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SSHS-IRM5A2-SCV123-0.5-1 (180-202504-1)	3/3/26	11:00 Eastern	G	Solid			X	X	X				4	Terracore Temps
SSHS-IRM5A2-SCV114-0-0.17 (180-202504-2)	3/3/26	12:15 Eastern	G	Solid						X	X		1	-5.6 + 4.4
SSHS-IRM5A2-SCV114-0.17-1 (180-202504-3)	3/3/26	12:20 Eastern	G	Solid						X	X	X	2	CF +0.8 (2)
SSHS-IRM5A2-SCV114-0.5-1 (180-202504-4)	3/3/26	12:20 Eastern	G	Solid			X	X	X				4	-4.62 + -3.6
SSHS-IRM5A2-SCV115-0-0.17 (180-202504-5)	3/3/26	12:30 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV115-0.17-1 (180-202504-6)	3/3/26	12:35 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV116-0-0.17 (180-202504-7)	3/3/26	12:40 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV116-0.17-1 (180-202504-8)	3/3/26	12:45 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV116-0.5-1 (180-202504-9)	3/3/26	12:45 Eastern	G	Solid			X	X	X				4	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
James J. Hinkelman	3/5/26 14:00	EPHM		3-5-26 14:40	ELLE
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	3-5-26 19:10	ELLE			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				3/5/26 1910	ELLE

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		-6.0 -3.9 / -5.8 -4.1

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553809.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202504-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/18/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SSHS-IRM5A2-SCV117-0-0.17 (180-202504-10)	3/3/26	12:50 Eastern	G	Solid						X	X	X	2	
SSHS-IRM5A2-SCV117-0.17-1 (180-202504-11)	3/3/26	12:55 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV117-0.5-1 (180-202504-12)	3/3/26	12:55 Eastern	G	Solid			X	X	X				4	
SSHS-IRM5A2-SCV113-0-0.17 (180-202504-13)	3/3/26	14:00 Eastern	G	Solid						X	X	X	2	
SSHS-IRM5A2-SCV113-0.17-1 (180-202504-14)	3/3/26	14:05 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV113-0.5-1 (180-202504-15)	3/3/26	14:05 Eastern	G	Solid			X	X	X				4	
SSHS-IRM5A2-SCV107-0-0.17 (180-202504-16)	3/3/26	14:15 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV107-0.17-1 (180-202504-17)	3/3/26	14:20 Eastern	G	Solid						X	X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	3/5/26 14:00	EPITOME		3-5-26 14:40	ELLE
2		3-5-26 19:10	ELLE			
3					3/5/26 1910	

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☐ Yes ☐ No		-6.0 - 3.9 / -5.8 - 4.1

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202504-1

Login Number: 202504
List Number: 1
Creator: Abernathy, Eric L

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202504-1

Login Number: 202504
List Number: 2
Creator: Martin, Elizabeth

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/06/26 12:48 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Miranda Stelmach
Geosyntec Consultants Inc
111 N. Broadway, Suite C
Green Bay, Wisconsin 54303

Generated 3/20/2026 11:08:50 AM

JOB DESCRIPTION

Former Sperry Remington - NAF SCV

JOB NUMBER

180-202501-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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3/20/2026 11:08:50 AM

Authorized for release by
Gail Lage, Senior Project Manager
Gail.Lage@et.eurofinsus.com
(615)301-5741

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Job Narrative
180-202501-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/5/2026 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.4°C, 4.7°C, 5.5°C, 5.7°C and 5.7°C.

GC/MS VOA
Method 8260: All three vials were received leaking or sample 180-202501-18. Therefor the volatiles analysis could not be reported for this sample.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method EPA 8270E: The continuing calibration verification (CCV) analyzed in 180-510986 was outside the method criteria for the following analyte: Di-n-octyl Phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method EPA 8270E: The continuing calibration verification (CCV) associated with batch 180-510986 recovered outside acceptance criteria, low biased, for 2,4,6-Tribromophenol (Surr). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method EPA 8270E: The continuing calibration verification (CCV) analyzed in 180-510979 was outside the method criteria for the following analyte: Caprolactam. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method EPA 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 180-510885 and analytical batch 180-510979 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method EPA 8082A: The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: SSHS-IRM5A2-SCV118-0-0.17 (180-202501-2), SSHS-IRM5A2-SCV118-0.17-1 (180-202501-3), SSHS-IRM5A2-SCV-DUP-01 (180-202501-4), SSHS-IRM5A2-SCV119-0-0.17 (180-202501-6), SSHS-IRM5A2-SCV119-0.17-1 (180-202501-7), SSHS-IRM5A2-SCV119-0.17-1 (180-202501-7[MS]), SSHS-IRM5A2-SCV119-0.17-1 (180-202501-7[MSD]), SSHS-IRM5A2-SCV120-0-0.17 (180-202501-8), SSHS-IRM5A2-SCV120-0.17-1 (180-202501-9), SSHS-IRM5A2-SCV-DUP-03 (180-202501-10), SSHS-IRM5A2-SCV121-0-0.17 (180-202501-12), SSHS-IRM5A2-SCV121-0.17-1 (180-202501-13), SSHS-IRM5A2-SCV122-0-0.17 (180-202501-15), SSHS-IRM5A2-SCV122-0.17-1 (180-202501-16), SSHS-IRM5A2-SCV-DUP-08 (180-202501-17), SSHS-IRM5A2-SCV123-0-0.17 (180-202501-19), SSHS-IRM5A2-SCV123-0.17-1 (180-202501-20), (LCS 180-510887/2-A) and (MB 180-510887/1-A).6215174

Method EPA 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SSHS-IRM5A2-SCV118-0-0.17 (180-202501-2), SSHS-IRM5A2-SCV118-0.17-1 (180-202501-3), SSHS-

IRM5A2-SCV-DUP-01 (180-202501-4), SSHS-IRM5A2-SCV119-0-0.17 (180-202501-6), SSHS-IRM5A2-SCV119-0.17-1 (180-202501-7), SSHS-IRM5A2-SCV119-0.17-1 (180-202501-7[MS]), SSHS-IRM5A2-SCV119-0.17-1 (180-202501-7[MSD]), SSHS-IRM5A2-SCV120-0-0.17 (180-202501-8), SSHS-IRM5A2-SCV120-0.17-1 (180-202501-9), SSHS-IRM5A2-SCV-DUP-03 (180-202501-10), SSHS-IRM5A2-SCV121-0-0.17 (180-202501-12), SSHS-IRM5A2-SCV121-0.17-1 (180-202501-13), SSHS-IRM5A2-SCV122-0-0.17 (180-202501-15), SSHS-IRM5A2-SCV122-0.17-1 (180-202501-16), SSHS-IRM5A2-SCV-DUP-08 (180-202501-17), SSHS-IRM5A2-SCV123-0-0.17 (180-202501-19), SSHS-IRM5A2-SCV123-0.17-1 (180-202501-20), (LCS 180-510887/2-A) and (MB 180-510887/1-A).6648760
6513163

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PFAS
Method 1633A: The recovery for labeled isotope: 13C8-PFOSA, d3-NMeFOSAA, d5-NEtFOSAA, 13C2 8:2 FTS, D7-NMeFOSE and D9-NEtFOSE is outside the QC acceptance limits in the opening continuing calibration verification standard associated with the following samples SSHS-IRM5A2-SCV120-0.17-1 (180-202501-9), SSHS-IRM5A2-SCV-DUP-03 (180-202501-10) and SSHS-IRM5A2-SCV121-0-0.17 (180-202501-12). Since the recovery for target analytes is within the limits, the data is reported.

Method 1633A: The recovery for labeled isotope: D7-NMeFOSE is outside the QC acceptance limits in the closing continuing calibration verification standard associated with the following samples SSHS-IRM5A2-SCV120-0.17-1 (180-202501-9), SSHS-IRM5A2-SCV-DUP-03 (180-202501-10) and SSHS-IRM5A2-SCV121-0-0.17 (180-202501-12). Since the recovery for target analytes is within the limits, the data is reported.

Method 1633A: The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample SSHS-IRM5A2-SCV120-0.17-1 (180-202501-9), SSHS-IRM5A2-SCV-DUP-03 (180-202501-10) and SSHS-IRM5A2-SCV121-0-0.17 (180-202501-12) is less than 350%, the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Definitions/Glossary

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
EPA 8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington - NAF SCV

Job ID: 180-202501-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
180-202501-1	SSHS-IRM5A2-SCV-DUP-07	Solid	03/03/26 10:00	03/05/26 09:30	New York
180-202501-2	SSHS-IRM5A2-SCV118-0-0.17	Solid	03/03/26 10:00	03/05/26 09:30	New York
180-202501-3	SSHS-IRM5A2-SCV118-0.17-1	Solid	03/03/26 10:05	03/05/26 09:30	New York
180-202501-4	SSHS-IRM5A2-SCV-DUP-01	Solid	03/03/26 00:00	03/05/26 09:30	New York
180-202501-5	SSHS-IRM5A2-SCV118-0.5-1	Solid	03/03/26 10:05	03/05/26 09:30	New York
180-202501-6	SSHS-IRM5A2-SCV119-0-0.17	Solid	03/03/26 10:15	03/05/26 09:30	New York
180-202501-7	SSHS-IRM5A2-SCV119-0.17-1	Solid	03/03/26 10:20	03/05/26 09:30	New York
180-202501-8	SSHS-IRM5A2-SCV120-0-0.17	Solid	03/03/26 10:25	03/05/26 09:30	New York
180-202501-9	SSHS-IRM5A2-SCV120-0.17-1	Solid	03/03/26 10:30	03/05/26 09:30	New York
180-202501-10	SSHS-IRM5A2-SCV-DUP-03	Solid	03/03/26 00:00	03/05/26 09:30	New York
180-202501-11	SSHS-IRM5A2-SCV120-0.5-1	Solid	03/03/26 10:30	03/05/26 09:30	New York
180-202501-12	SSHS-IRM5A2-SCV121-0-0.17	Solid	03/03/26 10:40	03/05/26 09:30	New York
180-202501-13	SSHS-IRM5A2-SCV121-0.17-1	Solid	03/03/26 10:45	03/05/26 09:30	New York
180-202501-14	SSHS-IRM5A2-SCV121-0.5-1	Solid	03/03/26 10:45	03/05/26 09:30	New York
180-202501-15	SSHS-IRM5A2-SCV122-0-0.17	Solid	03/03/26 10:55	03/05/26 09:30	New York
180-202501-16	SSHS-IRM5A2-SCV122-0.17-1	Solid	03/03/26 11:00	03/05/26 09:30	New York
180-202501-17	SSHS-IRM5A2-SCV-DUP-08	Solid	03/03/26 00:00	03/05/26 09:30	New York
180-202501-18	SSHS-IRM5A2-SCV122-0.5-1	Solid	03/03/26 11:00	03/05/26 09:30	New York
180-202501-19	SSHS-IRM5A2-SCV123-0-0.17	Solid	03/03/26 11:05	03/05/26 09:30	New York
180-202501-20	SSHS-IRM5A2-SCV123-0.17-1	Solid	03/03/26 11:10	03/05/26 09:30	New York

Method Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
EPA 6010D	Metals (ICP)	SW846	ELLE
EPA 7471B	Mercury (CVAA)	SW846	ELLE
Moisture	Percent Moisture	EPA	EET PIT
Moisture	Percent Moisture	EPA	ELLE
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	ELLE
3541	Automated Soxhlet Extraction	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-07
Lab Sample ID: 180-202501-1
Date Collected: 03/03/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778736	03/06/26 09:20	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-07
Lab Sample ID: 180-202501-1
Date Collected: 03/03/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.405 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783114	03/16/26 00:14	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV118-0-0.17
Lab Sample ID: 180-202501-2
Date Collected: 03/03/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV118-0-0.17
Lab Sample ID: 180-202501-2
Date Collected: 03/03/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.38 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 19:44	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.33 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 16:30	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.50 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 12:57	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 21:33	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV118-0.17-1
Lab Sample ID: 180-202501-3
Date Collected: 03/03/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV118-0.17-1
Lab Sample ID: 180-202501-3

Date Collected: 03/03/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.17 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 20:05	VVP	EET PIT
	Instrument ID: CH733									
Total/NA	Prep	3541			15.30 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 16:48	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.53 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:09	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 21:39	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-01
Lab Sample ID: 180-202501-4

Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-01
Lab Sample ID: 180-202501-4

Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.17 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 13:57	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.30 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 17:06	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.51 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:12	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.65 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 21:41	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV118-0.5-1
Lab Sample ID: 180-202501-5

Date Collected: 03/03/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778736	03/06/26 09:20	E5GC	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV118-0.5-1
Lab Sample ID: 180-202501-5
Date Collected: 03/03/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.782 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783114	03/16/26 00:36	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV119-0-0.17
Lab Sample ID: 180-202501-6
Date Collected: 03/03/26 10:15
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV119-0-0.17
Lab Sample ID: 180-202501-6
Date Collected: 03/03/26 10:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.20 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 14:19	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.07 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 17:24	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.52 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:15	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.60 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 21:43	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Lab Sample ID: 180-202501-7
Date Collected: 03/03/26 10:20
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Lab Sample ID: 180-202501-7
Date Collected: 03/03/26 10:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.39 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510979	03/09/26 18:41	VVP	EET PIT
	Instrument ID: CH733									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Lab Sample ID: 180-202501-7
Date Collected: 03/03/26 10:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.07 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 15:36	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.51 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 12:38	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.62 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 21:24	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV120-0-0.17
Lab Sample ID: 180-202501-8
Date Collected: 03/03/26 10:25
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV120-0-0.17
Lab Sample ID: 180-202501-8
Date Collected: 03/03/26 10:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.05 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 14:42	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.07 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 17:41	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:18	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 21:45	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV120-0.17-1
Lab Sample ID: 180-202501-9
Date Collected: 03/03/26 10:30
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV120-0.17-1
Lab Sample ID: 180-202501-9
Date Collected: 03/03/26 10:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.29 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 15:04	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.28 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 17:59	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.26 g	5 mL	780529	03/10/26 14:32	VDC4	ELLE
Total/NA	Analysis	1633A		1			781416	03/12/26 07:17	M4QQ	ELLE
	Instrument ID: 30569									
Total/NA	Prep	3050B			0.54 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:21	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.60 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 20:16	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-03
Lab Sample ID: 180-202501-10
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-03
Lab Sample ID: 180-202501-10
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.32 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 15:27	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.19 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 18:17	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.32 g	5 mL	780529	03/10/26 14:32	VDC4	ELLE
Total/NA	Analysis	1633A		1			781416	03/12/26 07:31	M4QQ	ELLE
	Instrument ID: 30569									
Total/NA	Prep	3050B			0.53 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:24	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.65 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 21:46	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV120-0.5-1
Lab Sample ID: 180-202501-11
Date Collected: 03/03/26 10:30
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778736	03/06/26 09:20	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV120-0.5-1
Lab Sample ID: 180-202501-11
Date Collected: 03/03/26 10:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.729 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783114	03/15/26 22:00	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV121-0-0.17
Lab Sample ID: 180-202501-12
Date Collected: 03/03/26 10:40
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV121-0-0.17
Lab Sample ID: 180-202501-12
Date Collected: 03/03/26 10:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.46 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 15:49	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.30 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 18:35	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.41 g	5 mL	780529	03/10/26 14:32	VDC4	ELLE
Total/NA	Analysis	1633A		1			781416	03/12/26 07:44	M4QQ	ELLE
	Instrument ID: 30569									
Total/NA	Prep	3050B			0.52 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:27	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.63 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 21:48	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV121-0.17-1
Lab Sample ID: 180-202501-13
Date Collected: 03/03/26 10:45
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV121-0.17-1
Lab Sample ID: 180-202501-13
Date Collected: 03/03/26 10:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.47 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 16:12	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.36 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 18:53	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.53 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:30	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 21:50	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV121-0.5-1
Lab Sample ID: 180-202501-14
Date Collected: 03/03/26 10:45
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778736	03/06/26 09:20	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV121-0.5-1
Lab Sample ID: 180-202501-14
Date Collected: 03/03/26 10:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.869 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783114	03/15/26 23:07	F2QS	ELLE
	Instrument ID: 9953									

Client Sample ID: SSHS-IRM5A2-SCV122-0-0.17
Lab Sample ID: 180-202501-15
Date Collected: 03/03/26 10:55
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV122-0-0.17
Lab Sample ID: 180-202501-15
Date Collected: 03/03/26 10:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.48 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 16:34	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.25 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 19:47	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.51 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:33	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.60 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 21:52	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV122-0.17-1
Lab Sample ID: 180-202501-16
Date Collected: 03/03/26 11:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV122-0.17-1
Lab Sample ID: 180-202501-16
Date Collected: 03/03/26 11:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.36 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 16:57	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.12 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 20:05	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.54 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:45	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.65 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 21:54	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-08
Lab Sample ID: 180-202501-17
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-08
Lab Sample ID: 180-202501-17
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.32 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 17:19	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.29 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 20:23	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.54 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:48	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.63 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 21:56	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV122-0.5-1
Lab Sample ID: 180-202501-18
Date Collected: 03/03/26 11:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778736	03/06/26 09:20	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV123-0-0.17
Lab Sample ID: 180-202501-19
Date Collected: 03/03/26 11:05
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV123-0-0.17
Lab Sample ID: 180-202501-19
Date Collected: 03/03/26 11:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.27 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 17:41	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.08 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 20:41	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.53 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:51	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.63 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 22:02	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV123-0.17-1
Lab Sample ID: 180-202501-20

Date Collected: 03/03/26 11:10
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			510999	03/09/26 10:39	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV123-0.17-1
Lab Sample ID: 180-202501-20

Date Collected: 03/03/26 11:10
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.39 g	5.0 mL	510885	03/05/26 13:04	MKK	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510986	03/09/26 18:04	VVP	EET PIT
	Instrument ID: CH722									
Total/NA	Prep	3541			15.33 g	20.0 mL	510887	03/05/26 13:30	MKK	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 20:59	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.53 g	50 mL	778996	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			779877	03/09/26 13:54	MT26	ELLE
	Instrument ID: T73 - 18255									
Total/NA	Prep	7471B			0.61 g	100 mL	779073	03/09/26 15:02	RFN5	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 22:03	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Analyst References:

Lab: EET PIT

Batch Type: Prep

MKK = Mary Kenny

Batch Type: Analysis

JMO = John Oravec

RSR = Roseann Ruyechan

VVP = Vincent Piccolino

Lab: ELLE

Batch Type: Prep

HNC4 = Mindy Schantzenbach

RFN5 = Aniyah Oxendine

UK3O = Rebecca Williams

VDC4 = Alaina Christ

VT6A = Akram Girgis

Batch Type: Analysis

E5GC = Priest McKenzie

F2QS = Hannah Levy

IJ3I = Elizabeth Brittingham

M4QQ = Pamela Cray

MT26 = Jason Knight

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-07
Lab Sample ID: 180-202501-1
Date Collected: 03/03/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		18	5.4	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Benzene	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Bromoform	ND		8.9	4.5	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Bromomethane	ND		4.5	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
2-Butanone (MEK)	ND		8.9	1.8	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Carbon disulfide	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Carbon tetrachloride	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Chlorobenzene	ND		4.5	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Chlorobromomethane	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Chlorodibromomethane	ND		4.5	0.45	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Chloroethane	ND		4.5	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Chloroform	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Chloromethane	ND		4.5	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
cis-1,2-Dichloroethene	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
cis-1,3-Dichloropropene	ND		4.5	0.54	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Cyclohexane	ND		4.5	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,2-Dibromo-3-Chloropropane	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,2-Dibromoethane	ND		4.5	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,2-Dichlorobenzene	ND		4.5	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,3-Dichlorobenzene	ND		4.5	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,4-Dichlorobenzene	ND		4.5	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Dichlorobromomethane	ND		4.5	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Dichlorodifluoromethane	ND		4.5	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,1-Dichloroethane	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,2-Dichloroethane	ND		4.5	0.54	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,1-Dichloroethene	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,2-Dichloroethene, Total	ND		8.9	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,2-Dichloropropane	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,4-Dioxane	ND		220	33	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Ethylbenzene	ND		4.5	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
2-Hexanone	ND		8.9	2.2	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Isopropylbenzene	ND		4.5	1.3	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Methyl acetate	ND		4.5	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Methylcyclohexane	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Methylene Chloride	**3.2**	**J**	4.5	1.8	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
4-Methyl-2-pentanone (MIBK)	ND		8.9	1.8	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Methyl tert-butyl ether	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
m-Xylene & p-Xylene	ND		4.5	1.8	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
o-Xylene	ND		4.5	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Styrene	ND		4.5	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,1,2,2-Tetrachloroethane	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Tetrachloroethene	ND		4.5	1.3	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Toluene	ND		4.5	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
trans-1,2-Dichloroethene	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
trans-1,3-Dichloropropene	ND		4.5	0.54	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,2,3-Trichlorobenzene	ND		8.9	4.5	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,2,4-Trichlorobenzene	ND		8.9	4.5	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,1,1-Trichloroethane	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,1,2-Trichloroethane	ND		4.5	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-07
Lab Sample ID: 180-202501-1
Date Collected: 03/03/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Trichlorofluoromethane	ND		4.5	0.89	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.9	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Vinyl chloride	ND		4.5	0.71	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1
Xylenes, Total	ND		8.9	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*03/05/26 09:41*	*03/16/26 00:14*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 141*	*03/05/26 09:41*	*03/16/26 00:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*03/05/26 09:41*	*03/16/26 00:14*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*03/05/26 09:41*	*03/16/26 00:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.5**		1.0	1.0	%			03/06/26 09:20	1

Client Sample ID: SSHS-IRM5A2-SCV118-0-0.17
Lab Sample ID: 180-202501-2
Date Collected: 03/03/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Acenaphthylene	ND		76	17	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Acetophenone	ND		760	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Anthracene	ND		76	20	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Atrazine	ND		760	170	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Benzo[a]anthracene	ND		76	34	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Benzo[a]pyrene	ND		76	33	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Benzo[b]fluoranthene	**40**	**J**	76	19	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Benzo[g,h,i]perylene	**29**	**J**	76	16	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Benzo[k]fluoranthene	ND		76	23	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Carbazole	ND		76	18	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Chrysene	ND		76	42	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2,4-Dinitrotoluene	ND		370	230	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Fluoranthene	**51**	**J**	76	20	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Fluorene	ND		76	15	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Indeno[1,2,3-cd]pyrene	ND		76	38	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1

Client Sample ID: SSHS-IRM5A2-SCV118-0-0.17
Lab Sample ID: 180-202501-2
Date Collected: 03/03/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Naphthalene	ND		76	15	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Phenanthrene	ND		76	20	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
Pyrene	**45**	**J**	76	27	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*44 - 105*	*03/05/26 13:04*	*03/09/26 19:44*	*1*
2-Fluorophenol (Surr)	*75*		*48 - 105*	*03/05/26 13:04*	*03/09/26 19:44*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*03/05/26 13:04*	*03/09/26 19:44*	*1*
Phenol-d5 (Surr)	*73*		*46 - 105*	*03/05/26 13:04*	*03/09/26 19:44*	*1*
Terphenyl-d14 (Surr)	*83*		*39 - 105*	*03/05/26 13:04*	*03/09/26 19:44*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*34 - 108*	*03/05/26 13:04*	*03/09/26 19:44*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/05/26 13:30	03/09/26 16:30	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/05/26 13:30	03/09/26 16:30	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 16:30	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 13:30	03/09/26 16:30	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 13:30	03/09/26 16:30	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 13:30	03/09/26 16:30	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 13:30	03/09/26 16:30	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/05/26 13:30	03/09/26 16:30	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 13:30	03/09/26 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*83*		*26 - 142*	*03/05/26 13:30*	*03/09/26 16:30*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/05/26 13:30*	*03/09/26 16:30*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/05/26 13:30*	*03/09/26 16:30*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*17 - 144*	*03/05/26 13:30*	*03/09/26 16:30*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9600**		35	10	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Antimony	ND		5.8	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV118-0-0.17
Lab Sample ID: 180-202501-2
Date Collected: 03/03/26 10:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.2

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		5.8	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Barium	68		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Beryllium	0.46	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Cadmium	0.16	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Calcium	20000		58	24	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Chromium	14		1.7	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Cobalt	7.3		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Copper	20		2.3	0.89	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Iron	18000		23	9.3	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Lead	17		1.7	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Magnesium	5100	B	23	4.6	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Manganese	370		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Nickel	18		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Potassium	1400		120	41	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Silver	ND		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Sodium	63	J	120	46	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Vanadium	14		1.2	0.50	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1
Zinc	68		2.3	0.93	mg/Kg	☼	03/07/26 07:30	03/09/26 12:57	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051	J	0.068	0.023	mg/Kg	☼	03/09/26 15:02	03/09/26 21:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.8		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	86.2		0.1	0.1	%			03/09/26 10:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV118-0.17-1
Lab Sample ID: 180-202501-3
Date Collected: 03/03/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Acetophenone	ND		770	140	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Anthracene	**23**	**J**	77	20	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Atrazine	ND		770	170	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Benzo[a]anthracene	**79**		77	35	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Benzo[a]pyrene	**71**	**J**	77	33	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Benzo[b]fluoranthene	**93**		77	19	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Benzo[g,h,i]perylene	**58**	**J**	77	17	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Benzo[k]fluoranthene	**40**	**J**	77	23	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Carbazole	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Chrysene	**87**		77	43	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Dimethyl phthalate	ND		770	420	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Fluoranthene	**210**		77	20	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Fluorene	ND		77	15	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Hexachlorobenzene	ND		77	28	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Indeno[1,2,3-cd]pyrene	**45**	**J**	77	38	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Isophorone	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1

Client Sample ID: SSHS-IRM5A2-SCV118-0.17-1
Lab Sample ID: 180-202501-3
Date Collected: 03/03/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Naphthalene	ND		77	15	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2-Nitroaniline	ND		2000	170	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Phenanthrene	**180**		77	21	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Phenol	ND		380	120	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
Pyrene	**170**		77	27	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*44 - 105*	*03/05/26 13:04*	*03/09/26 20:05*	*1*
2-Fluorophenol (Surr)	*65*		*48 - 105*	*03/05/26 13:04*	*03/09/26 20:05*	*1*
Nitrobenzene-d5 (Surr)	*59*		*46 - 105*	*03/05/26 13:04*	*03/09/26 20:05*	*1*
Phenol-d5 (Surr)	*63*		*46 - 105*	*03/05/26 13:04*	*03/09/26 20:05*	*1*
Terphenyl-d14 (Surr)	*70*		*39 - 105*	*03/05/26 13:04*	*03/09/26 20:05*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*34 - 108*	*03/05/26 13:04*	*03/09/26 20:05*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 13:30	03/09/26 16:48	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/05/26 13:30	03/09/26 16:48	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 16:48	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 13:30	03/09/26 16:48	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 16:48	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 13:30	03/09/26 16:48	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 13:30	03/09/26 16:48	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/05/26 13:30	03/09/26 16:48	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 13:30	03/09/26 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*26 - 142*	*03/05/26 13:30*	*03/09/26 16:48*	*1*
DCB Decachlorobiphenyl (Surr)	*73*		*26 - 142*	*03/05/26 13:30*	*03/09/26 16:48*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 144*	*03/05/26 13:30*	*03/09/26 16:48*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 144*	*03/05/26 13:30*	*03/09/26 16:48*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		33	9.9	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Antimony	ND		5.5	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1

Client Sample ID: SSHS-IRM5A2-SCV118-0.17-1
Lab Sample ID: 180-202501-3

Date Collected: 03/03/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.9

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		5.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Barium	69		0.55	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Beryllium	0.46	J	0.55	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Cadmium	ND		0.55	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Calcium	23000		55	23	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Chromium	14		1.6	0.66	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Cobalt	8.0		0.55	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Copper	23		2.2	0.85	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Iron	20000		22	8.8	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Lead	15		1.6	0.66	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Magnesium	5500	B	22	4.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Manganese	420		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Nickel	19		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Potassium	1100		110	38	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Selenium	ND		5.5	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Sodium	58	J	110	44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Vanadium	15		1.1	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1
Zinc	72		2.2	0.88	mg/Kg	☼	03/07/26 07:30	03/09/26 13:09	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	J	0.069	0.023	mg/Kg	☼	03/09/26 15:02	03/09/26 21:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.1		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	85.9		0.1	0.1	%			03/09/26 10:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-01
Lab Sample ID: 180-202501-4
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Acetophenone	ND		770	140	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Anthracene	ND		77	20	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Atrazine	ND		770	170	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Benzo[a]anthracene	**39**	**J**	77	35	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Benzo[a]pyrene	ND		77	33	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Benzo[b]fluoranthene	**47**	**J**	77	19	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Benzo[g,h,i]perylene	ND		77	17	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Benzo[k]fluoranthene	**23**	**J**	77	23	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Carbazole	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Chrysene	**52**	**J**	77	43	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Dimethyl phthalate	ND		770	420	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Fluoranthene	**73**	**J**	77	20	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Fluorene	ND		77	15	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Indeno[1,2,3-cd]pyrene	ND		77	38	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Isophorone	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-01
Lab Sample ID: 180-202501-4

Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.0

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Naphthalene	ND		77	15	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2-Nitroaniline	ND		2000	170	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
3-Nitroaniline	ND		2000	97	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Phenanthrene	**61**	**J**	77	21	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Phenol	ND		380	120	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
Pyrene	**80**		77	27	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*44 - 105*	*03/05/26 13:04*	*03/09/26 13:57*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*03/05/26 13:04*	*03/09/26 13:57*	*1*
Nitrobenzene-d5 (Surr)	*75*		*46 - 105*	*03/05/26 13:04*	*03/09/26 13:57*	*1*
Phenol-d5 (Surr)	*67*		*46 - 105*	*03/05/26 13:04*	*03/09/26 13:57*	*1*
Terphenyl-d14 (Surr)	*83*		*39 - 105*	*03/05/26 13:04*	*03/09/26 13:57*	*1*
2,4,6-Tribromophenol (Surr)	*44*		*34 - 108*	*03/05/26 13:04*	*03/09/26 13:57*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 13:30	03/09/26 17:06	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/05/26 13:30	03/09/26 17:06	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 17:06	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 13:30	03/09/26 17:06	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 17:06	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 13:30	03/09/26 17:06	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 13:30	03/09/26 17:06	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/05/26 13:30	03/09/26 17:06	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 13:30	03/09/26 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*26 - 142*	*03/05/26 13:30*	*03/09/26 17:06*	*1*
DCB Decachlorobiphenyl (Surr)	*66*		*26 - 142*	*03/05/26 13:30*	*03/09/26 17:06*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*17 - 144*	*03/05/26 13:30*	*03/09/26 17:06*	*1*
Tetrachloro-m-xylene (Surr)	*81*		*17 - 144*	*03/05/26 13:30*	*03/09/26 17:06*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		34	10	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Antimony	ND		5.7	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-01
Lab Sample ID: 180-202501-4

Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.0

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		5.7	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Barium	70		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Beryllium	0.47	J	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Cadmium	0.15	J	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Calcium	22000		57	24	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Chromium	14		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Cobalt	7.8		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Copper	23		2.3	0.88	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Iron	20000		23	9.1	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Lead	16		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Magnesium	5500	B	23	4.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Manganese	370		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Nickel	19		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Potassium	1300		110	40	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Silver	ND		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Sodium	60	J	110	46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Vanadium	15		1.1	0.49	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1
Zinc	69		2.3	0.91	mg/Kg	☼	03/07/26 07:30	03/09/26 13:12	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048	J	0.064	0.021	mg/Kg	☼	03/09/26 15:02	03/09/26 21:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.0		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	86.0		0.1	0.1	%			03/09/26 10:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV118-0.5-1
Lab Sample ID: 180-202501-5
Date Collected: 03/03/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		17	5.1	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Benzene	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Bromoform	ND		8.5	4.2	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Bromomethane	ND		4.2	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
2-Butanone (MEK)	ND		8.5	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Carbon disulfide	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Carbon tetrachloride	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Chlorobenzene	ND		4.2	0.76	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Chlorobromomethane	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Chlorodibromomethane	ND		4.2	0.42	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Chloroethane	ND		4.2	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Chloroform	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Chloromethane	ND		4.2	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
cis-1,2-Dichloroethene	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
cis-1,3-Dichloropropene	ND		4.2	0.51	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Cyclohexane	ND		4.2	0.76	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,2-Dibromo-3-Chloropropane	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,2-Dibromoethane	ND		4.2	0.59	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,2-Dichlorobenzene	ND		4.2	0.76	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,3-Dichlorobenzene	ND		4.2	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,4-Dichlorobenzene	ND		4.2	0.76	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Dichlorobromomethane	ND		4.2	0.59	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Dichlorodifluoromethane	ND		4.2	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,1-Dichloroethane	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,2-Dichloroethane	ND		4.2	0.51	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,1-Dichloroethene	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,2-Dichloroethene, Total	ND		8.5	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,2-Dichloropropane	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,4-Dioxane	ND		210	31	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Ethylbenzene	ND		4.2	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
2-Hexanone	ND		8.5	2.1	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Isopropylbenzene	ND		4.2	1.3	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Methyl acetate	ND		4.2	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Methylcyclohexane	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Methylene Chloride	**4.9**		4.2	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
4-Methyl-2-pentanone (MIBK)	ND		8.5	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Methyl tert-butyl ether	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
m-Xylene & p-Xylene	ND		4.2	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
o-Xylene	ND		4.2	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Styrene	ND		4.2	0.76	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,1,2,2-Tetrachloroethane	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Tetrachloroethene	ND		4.2	1.3	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Toluene	ND		4.2	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
trans-1,2-Dichloroethene	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
trans-1,3-Dichloropropene	ND		4.2	0.51	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,2,3-Trichlorobenzene	ND		8.5	4.2	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,2,4-Trichlorobenzene	ND		8.5	4.2	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,1,1-Trichloroethane	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,1,2-Trichloroethane	ND		4.2	0.59	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV118-0.5-1
Lab Sample ID: 180-202501-5
Date Collected: 03/03/26 10:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Trichlorofluoromethane	ND		4.2	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5	0.76	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Vinyl chloride	ND		4.2	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1
Xylenes, Total	ND		8.5	0.59	ug/Kg	☼	03/05/26 09:41	03/16/26 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*03/05/26 09:41*	*03/16/26 00:36*	*1*
Dibromofluoromethane (Surr)	*99*		*50 - 141*	*03/05/26 09:41*	*03/16/26 00:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*54 - 135*	*03/05/26 09:41*	*03/16/26 00:36*	*1*
Toluene-d8 (Surr)	*102*		*52 - 141*	*03/05/26 09:41*	*03/16/26 00:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.1		1.0	1.0	%			03/06/26 09:20	1

Client Sample ID: SSHS-IRM5A2-SCV119-0-0.17
Lab Sample ID: 180-202501-6
Date Collected: 03/03/26 10:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Acetophenone	ND		770	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Anthracene	ND		77	20	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Atrazine	ND		770	170	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Benzo[a]anthracene	**43**	**J**	77	35	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Benzo[a]pyrene	ND		77	33	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Benzo[b]fluoranthene	**49**	**J**	77	19	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Benzo[g,h,i]perylene	ND		77	17	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Benzo[k]fluoranthene	**24**	**J**	77	23	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Carbazole	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Chrysene	**44**	**J**	77	43	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Dimethyl phthalate	ND		770	430	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Fluoranthene	**74**	**J**	77	20	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Fluorene	ND		77	15	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Hexachlorobenzene	ND		77	28	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Indeno[1,2,3-cd]pyrene	ND		77	38	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Isophorone	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1

Client Sample ID: SSHS-IRM5A2-SCV119-0-0.17
Lab Sample ID: 180-202501-6
Date Collected: 03/03/26 10:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Naphthalene	ND		77	15	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Phenanthrene	**53**	**J**	77	21	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Phenol	ND		380	120	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
Pyrene	**83**		77	27	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*44 - 105*	*03/05/26 13:04*	*03/09/26 14:19*	*1*
2-Fluorophenol (Surr)	*72*		*48 - 105*	*03/05/26 13:04*	*03/09/26 14:19*	*1*
Nitrobenzene-d5 (Surr)	*77*		*46 - 105*	*03/05/26 13:04*	*03/09/26 14:19*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*03/05/26 13:04*	*03/09/26 14:19*	*1*
Terphenyl-d14 (Surr)	*83*		*39 - 105*	*03/05/26 13:04*	*03/09/26 14:19*	*1*
2,4,6-Tribromophenol (Surr)	*48*		*34 - 108*	*03/05/26 13:04*	*03/09/26 14:19*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	03/05/26 13:30	03/09/26 17:24	1
PCB-1221	ND		19	6.9	ug/Kg	☼	03/05/26 13:30	03/09/26 17:24	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/05/26 13:30	03/09/26 17:24	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 13:30	03/09/26 17:24	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 17:24	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/05/26 13:30	03/09/26 17:24	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/05/26 13:30	03/09/26 17:24	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/05/26 13:30	03/09/26 17:24	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 13:30	03/09/26 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*79*		*26 - 142*	*03/05/26 13:30*	*03/09/26 17:24*	*1*
DCB Decachlorobiphenyl (Surr)	*77*		*26 - 142*	*03/05/26 13:30*	*03/09/26 17:24*	*1*
Tetrachloro-m-xylene (Surr)	*85*		*17 - 144*	*03/05/26 13:30*	*03/09/26 17:24*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*	*03/05/26 13:30*	*03/09/26 17:24*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		34	10	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Antimony	ND		5.6	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1

Client Sample ID: SSHS-IRM5A2-SCV119-0-0.17
Lab Sample ID: 180-202501-6

Date Collected: 03/03/26 10:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.7

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		5.6	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Barium	72		0.56	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Beryllium	0.49	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Cadmium	0.15	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Calcium	14000		56	24	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Chromium	15		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Cobalt	8.1		0.56	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Copper	20		2.2	0.86	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Iron	19000		22	9.0	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Lead	17		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Magnesium	4800	B	22	4.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Manganese	430		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Nickel	20		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Potassium	1500		110	39	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Selenium	ND		5.6	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Sodium	60	J	110	45	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Vanadium	16		1.1	0.48	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1
Zinc	73		2.2	0.90	mg/Kg	☼	03/07/26 07:30	03/09/26 13:15	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.064	J	0.070	0.023	mg/Kg	☼	03/09/26 15:02	03/09/26 21:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.3		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	85.7		0.1	0.1	%			03/09/26 10:39	1

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Lab Sample ID: 180-202501-7
Date Collected: 03/03/26 10:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	22	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Acetophenone	ND		750	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Anthracene	ND		75	19	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Atrazine	ND		750	160	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Benzaldehyde	ND	F1	750	47	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Benzo[a]anthracene	**48**	**J**	75	34	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Benzo[a]pyrene	**53**	**J**	75	33	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Benzo[b]fluoranthene	**68**	**J**	75	18	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Benzo[g,h,i]perylene	**42**	**J**	75	16	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Benzo[k]fluoranthene	**27**	**J**	75	23	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Carbazole	ND		75	18	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Chrysene	**59**	**J**	75	42	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Dimethyl phthalate	ND		750	420	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
1,4-Dioxane	ND		750	240	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Fluoranthene	**97**		75	20	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Fluorene	ND		75	15	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Hexachlorocyclopentadiene	ND	F1	370	100	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Indeno[1,2,3-cd]pyrene	ND		75	37	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Lab Sample ID: 180-202501-7
Date Collected: 03/03/26 10:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Naphthalene	ND		75	15	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Phenanthrene	**41**	**J**	75	20	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
Pyrene	**86**		75	26	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*44 - 105*	*03/05/26 13:04*	*03/09/26 18:41*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*03/05/26 13:04*	*03/09/26 18:41*	*1*
Nitrobenzene-d5 (Surr)	*68*		*46 - 105*	*03/05/26 13:04*	*03/09/26 18:41*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*03/05/26 13:04*	*03/09/26 18:41*	*1*
Terphenyl-d14 (Surr)	*81*		*39 - 105*	*03/05/26 13:04*	*03/09/26 18:41*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*34 - 108*	*03/05/26 13:04*	*03/09/26 18:41*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 13:30	03/09/26 15:36	1
PCB-1221	ND		19	6.8	ug/Kg	☼	03/05/26 13:30	03/09/26 15:36	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/05/26 13:30	03/09/26 15:36	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 13:30	03/09/26 15:36	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 15:36	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/05/26 13:30	03/09/26 15:36	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/05/26 13:30	03/09/26 15:36	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/05/26 13:30	03/09/26 15:36	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 13:30	03/09/26 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*26 - 142*	*03/05/26 13:30*	*03/09/26 15:36*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*26 - 142*	*03/05/26 13:30*	*03/09/26 15:36*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*17 - 144*	*03/05/26 13:30*	*03/09/26 15:36*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*17 - 144*	*03/05/26 13:30*	*03/09/26 15:36*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		34	10	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Antimony	ND	F1	5.7	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Lab Sample ID: 180-202501-7
Date Collected: 03/03/26 10:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.5

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		5.7	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Barium	71	F1	0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Beryllium	0.50	J	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Cadmium	0.17	J	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Calcium	21000		57	24	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Chromium	15		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Cobalt	8.2		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Copper	22		2.3	0.87	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Iron	20000		23	9.1	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Lead	18		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Magnesium	5500	B	23	4.5	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Manganese	410		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Nickel	20		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Potassium	1400	F1	110	40	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Sodium	65	J	110	45	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Vanadium	15		1.1	0.49	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1
Zinc	75		2.3	0.91	mg/Kg	☼	03/07/26 07:30	03/09/26 12:38	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.067	0.022	mg/Kg	☼	03/09/26 15:02	03/09/26 21:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.5		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	86.5		0.1	0.1	%			03/09/26 10:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV120-0-0.17
Lab Sample ID: 180-202501-8
Date Collected: 03/03/26 10:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		85	24	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Acenaphthylene	ND		85	19	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Acetophenone	ND		850	150	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Anthracene	ND		85	22	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Atrazine	ND		850	190	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Benzaldehyde	ND		850	53	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Benzo[a]anthracene	**53**	**J**	85	38	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Benzo[a]pyrene	**47**	**J**	85	37	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Benzo[b]fluoranthene	**76**	**J**	85	21	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Benzo[g,h,i]perylene	ND		85	18	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Benzo[k]fluoranthene	**27**	**J**	85	25	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
1,1'-Biphenyl	ND		420	160	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Bis(2-chloroethoxy)methane	ND		420	160	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Bis(2-chloroethyl)ether	ND		85	26	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Bis(2-ethylhexyl) phthalate	ND		4200	450	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
4-Bromophenyl phenyl ether	ND		420	180	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Butyl benzyl phthalate	ND		2100	290	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Caprolactam	ND		2200	280	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Carbazole	ND		85	20	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
4-Chloroaniline	ND		420	110	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
4-Chloro-3-methylphenol	ND		420	150	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2-Chloronaphthalene	ND		85	19	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2-Chlorophenol	ND		420	160	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
4-Chlorophenyl phenyl ether	ND		420	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Chrysene	**61**	**J**	85	47	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Dibenz(a,h)anthracene	ND		85	54	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Dibenzofuran	ND		420	160	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
3,3'-Dichlorobenzidine	ND		420	400	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2,4-Dichlorophenol	ND		85	33	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Diethyl phthalate	ND		420	150	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2,4-Dimethylphenol	ND		420	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Dimethyl phthalate	ND		850	470	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Di-n-butyl phthalate	ND		4200	880	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
4,6-Dinitro-2-methylphenol	ND		2200	730	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2,4-Dinitrophenol	ND		4200	2600	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2,4-Dinitrotoluene	ND		420	250	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2,6-Dinitrotoluene	ND		420	170	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Di-n-octyl phthalate	ND		420	250	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
1,4-Dioxane	ND		850	270	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Fluoranthene	**99**		85	22	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Fluorene	ND		85	17	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Hexachlorobenzene	ND		85	30	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Hexachlorobutadiene	ND		85	25	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Hexachlorocyclopentadiene	ND		420	110	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Hexachloroethane	ND		420	150	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Indeno[1,2,3-cd]pyrene	ND		85	42	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Isophorone	ND		420	160	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2-Methylnaphthalene	ND		85	20	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2-Methylphenol	ND		420	120	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1

Client Sample ID: SSHS-IRM5A2-SCV120-0-0.17
Lab Sample ID: 180-202501-8
Date Collected: 03/03/26 10:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		420	120	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Naphthalene	ND		85	17	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2-Nitroaniline	ND		2200	190	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
3-Nitroaniline	ND		2200	110	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
4-Nitroaniline	ND		2200	160	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Nitrobenzene	ND		850	160	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2-Nitrophenol	ND		420	160	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
4-Nitrophenol	ND		2200	300	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
N-Nitrosodi-n-propylamine	ND		85	29	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
N-Nitrosodiphenylamine	ND		420	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2,2'-oxybis[1-chloropropane]	ND		85	31	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Pentachlorophenol	ND		2200	680	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Phenanthrene	**43**	**J**	85	23	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Phenol	ND		420	130	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
Pyrene	**100**		85	30	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
1,2,4,5-Tetrachlorobenzene	ND		420	170	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2,3,4,6-Tetrachlorophenol	ND		420	180	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2,4,5-Trichlorophenol	ND		420	150	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1
2,4,6-Trichlorophenol	ND		420	140	ug/Kg	☼	03/05/26 13:04	03/09/26 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*44 - 105*	*03/05/26 13:04*	*03/09/26 14:42*	*1*
2-Fluorophenol (Surr)	*68*		*48 - 105*	*03/05/26 13:04*	*03/09/26 14:42*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*	*03/05/26 13:04*	*03/09/26 14:42*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*03/05/26 13:04*	*03/09/26 14:42*	*1*
Terphenyl-d14 (Surr)	*80*		*39 - 105*	*03/05/26 13:04*	*03/09/26 14:42*	*1*
2,4,6-Tribromophenol (Surr)	*55*		*34 - 108*	*03/05/26 13:04*	*03/09/26 14:42*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		21	6.9	ug/Kg	☼	03/05/26 13:30	03/09/26 17:41	1
PCB-1221	ND		21	7.5	ug/Kg	☼	03/05/26 13:30	03/09/26 17:41	1
PCB-1232	ND		21	5.2	ug/Kg	☼	03/05/26 13:30	03/09/26 17:41	1
PCB-1242	ND		21	3.1	ug/Kg	☼	03/05/26 13:30	03/09/26 17:41	1
PCB-1248	ND		21	5.1	ug/Kg	☼	03/05/26 13:30	03/09/26 17:41	1
PCB-1254	ND		21	6.3	ug/Kg	☼	03/05/26 13:30	03/09/26 17:41	1
PCB-1260	ND		21	6.0	ug/Kg	☼	03/05/26 13:30	03/09/26 17:41	1
PCB-1262	ND		21	7.4	ug/Kg	☼	03/05/26 13:30	03/09/26 17:41	1
PCB-1268	ND		21	2.8	ug/Kg	☼	03/05/26 13:30	03/09/26 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/05/26 13:30*	*03/09/26 17:41*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*26 - 142*	*03/05/26 13:30*	*03/09/26 17:41*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*17 - 144*	*03/05/26 13:30*	*03/09/26 17:41*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*17 - 144*	*03/05/26 13:30*	*03/09/26 17:41*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**12000**		35	10	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Antimony	ND		5.8	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV120-0-0.17
Lab Sample ID: 180-202501-8
Date Collected: 03/03/26 10:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 78.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		5.8	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Barium	76		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Beryllium	0.53	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Cadmium	0.17	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Calcium	21000		58	24	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Chromium	16		1.7	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Cobalt	8.7		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Copper	24		2.3	0.89	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Iron	22000		23	9.3	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Lead	19		1.7	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Magnesium	5900	B	23	4.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Manganese	400		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Nickel	22		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Potassium	1700		120	41	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Silver	ND		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Sodium	75	J	120	46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Vanadium	17		1.2	0.50	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1
Zinc	80		2.3	0.93	mg/Kg	☼	03/07/26 07:30	03/09/26 13:18	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.075	0.025	mg/Kg	☼	03/09/26 15:02	03/09/26 21:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	21.6		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	78.4		0.1	0.1	%			03/09/26 10:39	1

Client Sample ID: SSHS-IRM5A2-SCV120-0.17-1
Lab Sample ID: 180-202501-9
Date Collected: 03/03/26 10:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		73	21	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Acenaphthylene	ND		73	16	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Acetophenone	ND		730	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Anthracene	**21**	**J**	73	19	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Atrazine	ND		730	160	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Benzaldehyde	ND		730	45	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Benzo[a]anthracene	**130**		73	33	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Benzo[a]pyrene	**120**		73	32	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Benzo[b]fluoranthene	**190**		73	18	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Benzo[g,h,i]perylene	**90**		73	16	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Benzo[k]fluoranthene	**73**		73	22	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Bis(2-chloroethyl)ether	ND		73	23	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Carbazole	ND		73	17	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2-Chloronaphthalene	ND		73	17	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Chrysene	**150**		73	41	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Dibenz(a,h)anthracene	ND		73	47	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Dibenzofuran	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2,4-Dichlorophenol	ND		73	28	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Dimethyl phthalate	ND		730	400	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Di-n-butyl phthalate	ND		3600	760	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
1,4-Dioxane	ND		730	230	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Fluoranthene	**250**		73	19	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Fluorene	ND		73	14	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Hexachlorobenzene	ND		73	26	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Hexachlorobutadiene	ND		73	21	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Hexachlorocyclopentadiene	ND		360	99	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Hexachloroethane	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Indeno[1,2,3-cd]pyrene	**78**		73	36	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Isophorone	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2-Methylnaphthalene	ND		73	18	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2-Methylphenol	ND		360	100	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV120-0.17-1
Lab Sample ID: 180-202501-9
Date Collected: 03/03/26 10:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Naphthalene	ND		73	14	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
3-Nitroaniline	ND		1900	93	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Nitrobenzene	ND		730	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
N-Nitrosodi-n-propylamine	ND		73	25	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2,2'-oxybis[1-chloropropane]	ND		73	27	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Phenanthrene	**110**		73	20	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Phenol	ND		360	110	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
Pyrene	**250**		73	26	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*44 - 105*	*03/05/26 13:04*	*03/09/26 15:04*	*1*
2-Fluorophenol (Surr)	*72*		*48 - 105*	*03/05/26 13:04*	*03/09/26 15:04*	*1*
Nitrobenzene-d5 (Surr)	*81*		*46 - 105*	*03/05/26 13:04*	*03/09/26 15:04*	*1*
Phenol-d5 (Surr)	*72*		*46 - 105*	*03/05/26 13:04*	*03/09/26 15:04*	*1*
Terphenyl-d14 (Surr)	*84*		*39 - 105*	*03/05/26 13:04*	*03/09/26 15:04*	*1*
2,4,6-Tribromophenol (Surr)	*51*		*34 - 108*	*03/05/26 13:04*	*03/09/26 15:04*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	03/05/26 13:30	03/09/26 17:59	1
PCB-1221	ND		18	6.5	ug/Kg	☼	03/05/26 13:30	03/09/26 17:59	1
PCB-1232	ND		18	4.4	ug/Kg	☼	03/05/26 13:30	03/09/26 17:59	1
PCB-1242	ND		18	2.7	ug/Kg	☼	03/05/26 13:30	03/09/26 17:59	1
PCB-1248	ND		18	4.4	ug/Kg	☼	03/05/26 13:30	03/09/26 17:59	1
PCB-1254	ND		18	5.5	ug/Kg	☼	03/05/26 13:30	03/09/26 17:59	1
PCB-1260	ND		18	5.2	ug/Kg	☼	03/05/26 13:30	03/09/26 17:59	1
PCB-1262	ND		18	6.4	ug/Kg	☼	03/05/26 13:30	03/09/26 17:59	1
PCB-1268	ND		18	2.5	ug/Kg	☼	03/05/26 13:30	03/09/26 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*84*		*26 - 142*	*03/05/26 13:30*	*03/09/26 17:59*	*1*
DCB Decachlorobiphenyl (Surr)	*78*		*26 - 142*	*03/05/26 13:30*	*03/09/26 17:59*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/05/26 13:30*	*03/09/26 17:59*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/05/26 13:30*	*03/09/26 17:59*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington - NAF SCV

Job ID: 180-202501-1

Client Sample ID: SSHS-IRM5A2-SCV120-0.17-1
Date Collected: 03/03/26 10:30
Date Received: 03/05/26 09:30

Lab Sample ID: 180-202501-9
Matrix: Solid
Percent Solids: 89.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorooctanoic acid (PFOA)	**0.18**	**J**	0.20	0.059	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorodecanoic acid (PFDA)	**0.071**	**J**	0.20	0.059	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorooctanesulfonic acid (PFOS)	**0.46**		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1

Client Sample ID: SSHS-IRM5A2-SCV120-0.17-1
Lab Sample ID: 180-202501-9
Date Collected: 03/03/26 10:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.6

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*87.4*		*8 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C5-PFPeA	*86.5*		*35 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C5-PFHxA	*80.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C4-PFHpA	*85.5*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C8-PFOA	*87.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C9-PFNA	*83.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C6-PFDA	*85.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C7-PFUnA	*87.8*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C2 PFDoA	*91.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C2-PFTeDA	*74.4*		*20 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C3-PFBS	*80.5*		*40 - 135*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C3-PFHxS	*86.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C8-PFOS	*85.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C8-PFOSA	*93.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
d3-NMeFOSAA	*82.8*		*40 - 135*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
d5-NEtFOSAA	*99.3*		*40 - 150*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C2 4:2 FTS	*275*	*5+	*40 - 165*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C2 6:2 FTS	*170*		*40 - 215*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C2 8:2 FTS	*180*		*40 - 275*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
13C3-HFPO-DA	*72.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
D7-NMeFOSE	*54.9*		*20 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
D9-NEtFOSE	*38.1*		*15 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
d5-NEtPFOSA	*64.4*		*10 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*
d3-NMePFOSA	*69.0*		*10 - 130*	*03/10/26 14:32*	*03/12/26 07:17*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		31	9.3	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Antimony	ND		5.2	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Arsenic	**6.8**		5.2	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Barium	**68**		0.52	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Beryllium	**0.47**	**J**	0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Cadmium	**0.13**	**J**	0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Calcium	**15000**		52	22	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Chromium	**15**		1.6	0.62	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Cobalt	**8.3**		0.52	0.15	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Copper	**25**		2.1	0.80	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Iron	**21000**		21	8.3	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Lead	**15**		1.6	0.62	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Magnesium	**4900**	**B**	21	4.1	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Manganese	**440**		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Nickel	**20**		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV120-0.17-1
Lab Sample ID: 180-202501-9
Date Collected: 03/03/26 10:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1300		100	36	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Selenium	ND		5.2	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Silver	ND		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Sodium	62	J	100	41	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Thallium	ND		3.1	1.3	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Vanadium	16		1.0	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1
Zinc	78		2.1	0.83	mg/Kg	☼	03/07/26 07:30	03/09/26 13:21	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047	J	0.067	0.022	mg/Kg	☼	03/09/26 10:45	03/09/26 20:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.4		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	89.6		0.1	0.1	%			03/09/26 10:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-03
Lab Sample ID: 180-202501-10
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		73	21	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Acenaphthylene	ND		73	16	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Acetophenone	ND		730	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Anthracene	ND		73	19	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Atrazine	ND		730	160	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Benzaldehyde	ND		730	45	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Benzo[a]anthracene	**110**		73	33	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Benzo[a]pyrene	**110**		73	32	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Benzo[b]fluoranthene	**160**		73	18	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Benzo[g,h,i]perylene	**75**		73	16	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Benzo[k]fluoranthene	**70**	**J**	73	22	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Bis(2-chloroethyl)ether	ND		73	23	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Carbazole	ND		73	17	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2-Chloronaphthalene	ND		73	17	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Chrysene	**140**		73	41	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Dibenz(a,h)anthracene	ND		73	47	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Dibenzofuran	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2,4-Dichlorophenol	ND		73	28	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Dimethyl phthalate	ND		730	400	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Di-n-butyl phthalate	ND		3600	760	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
1,4-Dioxane	ND		730	230	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Fluoranthene	**220**		73	19	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Fluorene	ND		73	14	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Hexachlorobenzene	ND		73	26	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Hexachlorobutadiene	ND		73	21	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Hexachlorocyclopentadiene	ND		360	99	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Hexachloroethane	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Indeno[1,2,3-cd]pyrene	**67**	**J**	73	36	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Isophorone	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2-Methylnaphthalene	ND		73	18	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2-Methylphenol	ND		360	100	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-03
Lab Sample ID: 180-202501-10

Date Collected: 03/03/26 00:00
Matrix: Solid

Date Received: 03/05/26 09:30
Percent Solids: 89.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Naphthalene	ND		73	14	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
3-Nitroaniline	ND		1900	93	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Nitrobenzene	ND		730	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
N-Nitrosodi-n-propylamine	ND		73	25	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2,2'-oxybis[1-chloropropane]	ND		73	27	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Phenanthrene	**94**		73	20	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Phenol	ND		360	110	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
Pyrene	**220**		73	26	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*44 - 105*	*03/05/26 13:04*	*03/09/26 15:27*	*1*
2-Fluorophenol (Surr)	*78*		*48 - 105*	*03/05/26 13:04*	*03/09/26 15:27*	*1*
Nitrobenzene-d5 (Surr)	*83*		*46 - 105*	*03/05/26 13:04*	*03/09/26 15:27*	*1*
Phenol-d5 (Surr)	*77*		*46 - 105*	*03/05/26 13:04*	*03/09/26 15:27*	*1*
Terphenyl-d14 (Surr)	*89*		*39 - 105*	*03/05/26 13:04*	*03/09/26 15:27*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*34 - 108*	*03/05/26 13:04*	*03/09/26 15:27*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	6.0	ug/Kg	☼	03/05/26 13:30	03/09/26 18:17	1
PCB-1221	ND		18	6.5	ug/Kg	☼	03/05/26 13:30	03/09/26 18:17	1
PCB-1232	ND		18	4.5	ug/Kg	☼	03/05/26 13:30	03/09/26 18:17	1
PCB-1242	ND		18	2.7	ug/Kg	☼	03/05/26 13:30	03/09/26 18:17	1
PCB-1248	ND		18	4.4	ug/Kg	☼	03/05/26 13:30	03/09/26 18:17	1
PCB-1254	ND		18	5.5	ug/Kg	☼	03/05/26 13:30	03/09/26 18:17	1
PCB-1260	ND		18	5.2	ug/Kg	☼	03/05/26 13:30	03/09/26 18:17	1
PCB-1262	ND		18	6.5	ug/Kg	☼	03/05/26 13:30	03/09/26 18:17	1
PCB-1268	ND		18	2.5	ug/Kg	☼	03/05/26 13:30	03/09/26 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*76*		*26 - 142*	*03/05/26 13:30*	*03/09/26 18:17*	*1*
DCB Decachlorobiphenyl (Surr)	*71*		*26 - 142*	*03/05/26 13:30*	*03/09/26 18:17*	*1*
Tetrachloro-m-xylene (Surr)	*86*		*17 - 144*	*03/05/26 13:30*	*03/09/26 18:17*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*17 - 144*	*03/05/26 13:30*	*03/09/26 18:17*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-03
Lab Sample ID: 180-202501-10
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorooctanoic acid (PFOA)	**0.14**	**J**	0.19	0.058	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorooctanesulfonic acid (PFOS)	**0.38**		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-03
Lab Sample ID: 180-202501-10

Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.4

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 07:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*90.7*		*8 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C5-PFPeA	*90.4*		*35 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C5-PFHxA	*90.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C4-PFHpA	*89.6*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C8-PFOA	*93.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C9-PFNA	*95.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C6-PFDA	*95.8*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C7-PFUnA	*101*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C2 PFDoA	*101*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C2-PFTeDA	*83.7*		*20 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C3-PFBS	*86.6*		*40 - 135*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C3-PFHxS	*91.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C8-PFOS	*99.6*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C8-PFOSA	*105*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
d3-NMeFOSAA	*96.1*		*40 - 135*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
d5-NEtFOSAA	*128*		*40 - 150*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C2 4:2 FTS	*265*	*5+	*40 - 165*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C2 6:2 FTS	*155*		*40 - 215*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C2 8:2 FTS	*172*		*40 - 275*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
13C3-HFPO-DA	*81.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
D7-NMeFOSE	*74.4*		*20 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
D9-NEtFOSE	*56.8*		*15 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
d5-NEtPFOSA	*74.6*		*10 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*
d3-NMePFOSA	*80.1*		*10 - 130*	*03/10/26 14:32*	*03/12/26 07:31*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		32	9.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Antimony	ND		5.3	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Arsenic	**6.0**		5.3	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Barium	**74**		0.53	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Beryllium	**0.48**	**J**	0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Cadmium	**0.13**	**J**	0.53	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Calcium	**18000**		53	22	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Chromium	**15**		1.6	0.63	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Cobalt	**8.1**		0.53	0.15	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Copper	**22**		2.1	0.81	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Iron	**20000**		21	8.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Lead	**19**		1.6	0.63	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Magnesium	**5300**	**B**	21	4.2	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Manganese	**420**		1.1	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Nickel	**19**		1.1	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-03
Lab Sample ID: 180-202501-10
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1400		110	37	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Selenium	ND		5.3	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Silver	ND		1.1	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Sodium	64	J	110	42	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Vanadium	16		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1
Zinc	77		2.1	0.84	mg/Kg	☼	03/07/26 07:30	03/09/26 13:24	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044	J	0.062	0.021	mg/Kg	☼	03/09/26 15:02	03/09/26 21:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.6		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	89.4		0.1	0.1	%			03/09/26 10:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV120-0.5-1
Lab Sample ID: 180-202501-11
Date Collected: 03/03/26 10:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F1	15	4.4	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Benzene	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Bromoform	ND		7.4	3.7	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Bromomethane	ND		3.7	0.74	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
2-Butanone (MEK)	ND	F1	7.4	1.5	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Carbon disulfide	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Carbon tetrachloride	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Chlorobenzene	ND		3.7	0.67	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Chlorobromomethane	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Chlorodibromomethane	ND		3.7	0.37	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Chloroethane	ND		3.7	0.74	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Chloroform	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Chloromethane	ND		3.7	0.74	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
cis-1,2-Dichloroethene	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
cis-1,3-Dichloropropene	ND		3.7	0.44	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Cyclohexane	ND		3.7	0.67	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,2-Dibromo-3-Chloropropane	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,2-Dibromoethane	ND		3.7	0.52	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,2-Dichlorobenzene	ND	F1 F2	3.7	0.67	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,3-Dichlorobenzene	ND	F1	3.7	0.74	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,4-Dichlorobenzene	ND	F1	3.7	0.67	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Dichlorobromomethane	ND		3.7	0.52	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Dichlorodifluoromethane	ND		3.7	0.74	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,1-Dichloroethane	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,2-Dichloroethane	ND		3.7	0.44	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,1-Dichloroethene	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,2-Dichloroethene, Total	ND		7.4	0.74	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,2-Dichloropropane	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,4-Dioxane	ND		180	27	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Ethylbenzene	ND		3.7	0.74	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
2-Hexanone	ND	F1	7.4	1.8	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Isopropylbenzene	ND	F1	3.7	1.1	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Methyl acetate	ND		3.7	0.74	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Methylcyclohexane	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Methylene Chloride	**3.8**		3.7	1.5	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
4-Methyl-2-pentanone (MIBK)	ND		7.4	1.5	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Methyl tert-butyl ether	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
m-Xylene & p-Xylene	ND	F1	3.7	1.5	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
o-Xylene	ND		3.7	0.74	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Styrene	ND	F1	3.7	0.67	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,1,2,2-Tetrachloroethane	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Tetrachloroethene	ND		3.7	1.1	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Toluene	ND		3.7	0.74	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
trans-1,2-Dichloroethene	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
trans-1,3-Dichloropropene	ND		3.7	0.44	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,2,3-Trichlorobenzene	ND	F1 F2	7.4	3.7	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,2,4-Trichlorobenzene	ND	F1 F2	7.4	3.7	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,1,1-Trichloroethane	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,1,2-Trichloroethane	ND		3.7	0.52	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV120-0.5-1
Lab Sample ID: 180-202501-11
Date Collected: 03/03/26 10:30
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Trichlorofluoromethane	ND		3.7	0.74	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.4	0.67	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Vinyl chloride	ND		3.7	0.59	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1
Xylenes, Total	ND		7.4	0.52	ug/Kg	☼	03/05/26 09:41	03/15/26 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*	*03/05/26 09:41*	*03/15/26 22:00*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 141*	*03/05/26 09:41*	*03/15/26 22:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*54 - 135*	*03/05/26 09:41*	*03/15/26 22:00*	*1*
Toluene-d8 (Surr)	*101*		*52 - 141*	*03/05/26 09:41*	*03/15/26 22:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.5**		1.0	1.0	%			03/06/26 09:20	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV121-0-0.17
Lab Sample ID: 180-202501-12
Date Collected: 03/03/26 10:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	22	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Acenaphthylene	ND		78	17	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Acetophenone	ND		780	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Anthracene	ND		78	20	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Atrazine	ND		780	170	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Benzaldehyde	ND		780	48	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Benzo[a]anthracene	ND		78	35	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Benzo[a]pyrene	ND		78	34	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Benzo[b]fluoranthene	**45**	**J**	78	19	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Benzo[g,h,i]perylene	ND		78	17	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Benzo[k]fluoranthene	**25**	**J**	78	23	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Bis(2-chloroethyl)ether	ND		78	24	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
4-Bromophenyl phenyl ether	ND		380	170	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Butyl benzyl phthalate	ND		1900	270	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Carbazole	ND		78	18	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Chrysene	**47**	**J**	78	43	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Dibenz(a,h)anthracene	ND		78	50	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Dimethyl phthalate	ND		780	430	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Di-n-butyl phthalate	ND		3800	810	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Di-n-octyl phthalate	ND		380	230	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
1,4-Dioxane	ND		780	240	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Fluoranthene	**59**	**J**	78	20	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Fluorene	ND		78	15	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Indeno[1,2,3-cd]pyrene	ND		78	39	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Isophorone	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2-Methylnaphthalene	ND		78	19	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1

Client Sample ID: SSHS-IRM5A2-SCV121-0-0.17
Lab Sample ID: 180-202501-12
Date Collected: 03/03/26 10:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Naphthalene	ND		78	15	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
3-Nitroaniline	ND		2000	99	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Nitrobenzene	ND		780	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Phenanthrene	**25**	**J**	78	21	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Phenol	ND		380	120	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
Pyrene	**66**	**J**	78	27	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*44 - 105*	*03/05/26 13:04*	*03/09/26 15:49*	*1*
2-Fluorophenol (Surr)	*70*		*48 - 105*	*03/05/26 13:04*	*03/09/26 15:49*	*1*
Nitrobenzene-d5 (Surr)	*77*		*46 - 105*	*03/05/26 13:04*	*03/09/26 15:49*	*1*
Phenol-d5 (Surr)	*70*		*46 - 105*	*03/05/26 13:04*	*03/09/26 15:49*	*1*
Terphenyl-d14 (Surr)	*80*		*39 - 105*	*03/05/26 13:04*	*03/09/26 15:49*	*1*
2,4,6-Tribromophenol (Surr)	*48*		*34 - 108*	*03/05/26 13:04*	*03/09/26 15:49*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	03/05/26 13:30	03/09/26 18:35	1
PCB-1221	ND		20	6.9	ug/Kg	☼	03/05/26 13:30	03/09/26 18:35	1
PCB-1232	ND		20	4.8	ug/Kg	☼	03/05/26 13:30	03/09/26 18:35	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/05/26 13:30	03/09/26 18:35	1
PCB-1248	ND		20	4.7	ug/Kg	☼	03/05/26 13:30	03/09/26 18:35	1
PCB-1254	ND		20	5.9	ug/Kg	☼	03/05/26 13:30	03/09/26 18:35	1
PCB-1260	ND		20	5.6	ug/Kg	☼	03/05/26 13:30	03/09/26 18:35	1
PCB-1262	ND		20	6.9	ug/Kg	☼	03/05/26 13:30	03/09/26 18:35	1
PCB-1268	ND		20	2.6	ug/Kg	☼	03/05/26 13:30	03/09/26 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*26 - 142*	*03/05/26 13:30*	*03/09/26 18:35*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*26 - 142*	*03/05/26 13:30*	*03/09/26 18:35*	*1*
Tetrachloro-m-xylene (Surr)	*88*		*17 - 144*	*03/05/26 13:30*	*03/09/26 18:35*	*1*
Tetrachloro-m-xylene (Surr)	*87*		*17 - 144*	*03/05/26 13:30*	*03/09/26 18:35*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV121-0-0.17
Lab Sample ID: 180-202501-12
Date Collected: 03/03/26 10:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorooctanoic acid (PFOA)	**0.17**	**J**	0.20	0.060	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorooctanesulfonic acid (PFOS)	**0.37**		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1

Client Sample ID: SSHS-IRM5A2-SCV121-0-0.17
Lab Sample ID: 180-202501-12
Date Collected: 03/03/26 10:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.5

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 07:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*92.8*		*8 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C5-PFPeA	*93.5*		*35 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C5-PFHxA	*88.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C4-PFHpA	*99.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C8-PFOA	*91.3*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C9-PFNA	*94.3*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C6-PFDA	*92.5*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C7-PFUnA	*95.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C2 PFDoA	*104*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C2-PFTeDA	*91.8*		*20 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C3-PFBS	*82.1*		*40 - 135*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C3-PFHxS	*90.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C8-PFOS	*90.6*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C8-PFOSA	*96.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
d3-NMeFOSAA	*89.0*		*40 - 135*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
d5-NEtFOSAA	*117*		*40 - 150*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C2 4:2 FTS	*293*	*5+	*40 - 165*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C2 6:2 FTS	*177*		*40 - 215*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C2 8:2 FTS	*210*		*40 - 275*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
13C3-HFPO-DA	*86.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
D7-NMeFOSE	*76.2*		*20 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
D9-NEtFOSE	*53.5*		*15 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
d5-NEtPFOSA	*73.4*		*10 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*
d3-NMePFOSA	*77.6*		*10 - 130*	*03/10/26 14:32*	*03/12/26 07:44*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		35	10	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Antimony	ND		5.8	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Arsenic	**6.9**		5.8	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Barium	**74**		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Beryllium	**0.50**	**J**	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Cadmium	**0.13**	**J**	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Calcium	**19000**		58	24	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Chromium	**15**		1.7	0.69	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Cobalt	**8.0**		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Copper	**22**		2.3	0.89	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Iron	**20000**		23	9.2	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Lead	**16**		1.7	0.69	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Magnesium	**5100**	**B**	23	4.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Manganese	**430**		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Nickel	**19**		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV121-0-0.17
Lab Sample ID: 180-202501-12
Date Collected: 03/03/26 10:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.5

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1400**		120	40	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Silver	ND		1.2	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Sodium	**64**	**J**	120	46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Vanadium	**16**		1.2	0.50	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1
Zinc	**76**		2.3	0.92	mg/Kg	☼	03/07/26 07:30	03/09/26 13:27	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.048**	**J**	0.068	0.023	mg/Kg	☼	03/09/26 15:02	03/09/26 21:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**16.5**		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	**83.5**		0.1	0.1	%			03/09/26 10:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV121-0.17-1
Lab Sample ID: 180-202501-13
Date Collected: 03/03/26 10:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	21	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Acetophenone	ND		750	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Anthracene	**54**	**J**	75	19	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Atrazine	ND		750	160	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Benzaldehyde	ND		750	46	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Benzo[a]anthracene	**190**		75	34	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Benzo[a]pyrene	**160**		75	32	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Benzo[b]fluoranthene	**210**		75	18	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Benzo[g,h,i]perylene	**110**		75	16	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Benzo[k]fluoranthene	**100**		75	22	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Carbazole	ND		75	17	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Chrysene	**170**		75	41	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Fluoranthene	**400**		75	20	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Fluorene	ND		75	15	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Indeno[1,2,3-cd]pyrene	**95**		75	37	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1

Client Sample ID: SSHS-IRM5A2-SCV121-0.17-1
Lab Sample ID: 180-202501-13
Date Collected: 03/03/26 10:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Naphthalene	ND		75	15	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Phenanthrene	**280**		75	20	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
Pyrene	**380**		75	26	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*44 - 105*	*03/05/26 13:04*	*03/09/26 16:12*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*03/05/26 13:04*	*03/09/26 16:12*	*1*
Nitrobenzene-d5 (Surr)	*73*		*46 - 105*	*03/05/26 13:04*	*03/09/26 16:12*	*1*
Phenol-d5 (Surr)	*64*		*46 - 105*	*03/05/26 13:04*	*03/09/26 16:12*	*1*
Terphenyl-d14 (Surr)	*75*		*39 - 105*	*03/05/26 13:04*	*03/09/26 16:12*	*1*
2,4,6-Tribromophenol (Surr)	*44*		*34 - 108*	*03/05/26 13:04*	*03/09/26 16:12*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/05/26 13:30	03/09/26 18:53	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/05/26 13:30	03/09/26 18:53	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 18:53	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/05/26 13:30	03/09/26 18:53	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 13:30	03/09/26 18:53	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/05/26 13:30	03/09/26 18:53	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/05/26 13:30	03/09/26 18:53	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/05/26 13:30	03/09/26 18:53	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 13:30	03/09/26 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*83*		*26 - 142*	*03/05/26 13:30*	*03/09/26 18:53*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*26 - 142*	*03/05/26 13:30*	*03/09/26 18:53*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/05/26 13:30*	*03/09/26 18:53*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/05/26 13:30*	*03/09/26 18:53*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		33	9.8	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Antimony	ND		5.4	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV121-0.17-1
Lab Sample ID: 180-202501-13
Date Collected: 03/03/26 10:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.7

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		5.4	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Barium	69		0.54	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Beryllium	0.45	J	0.54	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Cadmium	ND		0.54	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Calcium	12000		54	23	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Chromium	14		1.6	0.65	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Cobalt	8.2		0.54	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Copper	32		2.2	0.84	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Iron	22000		22	8.7	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Lead	14		1.6	0.65	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Magnesium	4900	B	22	4.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Manganese	420		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Nickel	20		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Potassium	1300		110	38	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Selenium	ND		5.4	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Sodium	53	J	110	44	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Vanadium	16		1.1	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1
Zinc	71		2.2	0.87	mg/Kg	☼	03/07/26 07:30	03/09/26 13:30	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041	J	0.068	0.023	mg/Kg	☼	03/09/26 15:02	03/09/26 21:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.3		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	86.7		0.1	0.1	%			03/09/26 10:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV121-0.5-1
Lab Sample ID: 180-202501-14
Date Collected: 03/03/26 10:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.8

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**41**	**F1 F2**	19	5.8	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Benzene	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Bromoform	ND	F2 F1	9.7	4.9	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Bromomethane	ND	F2	4.9	0.97	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
2-Butanone (MEK)	ND	F2	9.7	1.9	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Carbon disulfide	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Carbon tetrachloride	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Chlorobenzene	ND	F2 F1	4.9	0.87	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Chlorobromomethane	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Chlorodibromomethane	ND	F2 F1	4.9	0.49	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Chloroethane	ND	F2	4.9	0.97	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Chloroform	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Chloromethane	ND		4.9	0.97	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
cis-1,2-Dichloroethene	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
cis-1,3-Dichloropropene	ND	F2 F1	4.9	0.58	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Cyclohexane	ND	F2	4.9	0.87	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,2-Dibromo-3-Chloropropane	ND	F2 F1	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,2-Dibromoethane	ND	F2 F1	4.9	0.68	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,2-Dichlorobenzene	ND	F1 F2	4.9	0.87	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,3-Dichlorobenzene	ND	F1 F2	4.9	0.97	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,4-Dichlorobenzene	ND	F1 F2	4.9	0.87	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Dichlorobromomethane	ND	F2 F1	4.9	0.68	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Dichlorodifluoromethane	ND		4.9	0.97	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,1-Dichloroethane	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,2-Dichloroethane	ND	F2	4.9	0.58	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,1-Dichloroethene	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,2-Dichloroethene, Total	ND	F2	9.7	0.97	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,2-Dichloropropane	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,4-Dioxane	ND	F2	240	36	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Ethylbenzene	ND	F2 F1	4.9	0.97	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
2-Hexanone	ND	F2	9.7	2.4	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Isopropylbenzene	ND	F1 F2	4.9	1.5	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Methyl acetate	**68**	**F1 F2**	4.9	0.97	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Methylcyclohexane	ND	F2 F1	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Methylene Chloride	**3.2**	**J F2**	4.9	1.9	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
4-Methyl-2-pentanone (MIBK)	ND	F2	9.7	1.9	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Methyl tert-butyl ether	ND		4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
m-Xylene & p-Xylene	ND	F1 F2	4.9	1.9	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
o-Xylene	ND	F2 F1	4.9	0.97	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Styrene	ND	F1 F2	4.9	0.87	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,1,2,2-Tetrachloroethane	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Tetrachloroethene	ND	F2 F1	4.9	1.5	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Toluene	ND	F2	4.9	0.97	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
trans-1,2-Dichloroethene	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
trans-1,3-Dichloropropene	ND	F2 F1	4.9	0.58	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,2,3-Trichlorobenzene	ND	F1	9.7	4.9	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,2,4-Trichlorobenzene	ND	F1	9.7	4.9	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,1,1-Trichloroethane	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,1,2-Trichloroethane	ND	F2	4.9	0.68	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV121-0.5-1
Lab Sample ID: 180-202501-14
Date Collected: 03/03/26 10:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.8

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	F2	4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Trichlorofluoromethane	ND		4.9	0.97	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	9.7	0.87	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Vinyl chloride	ND		4.9	0.78	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1
Xylenes, Total	ND	F2 F1	9.7	0.68	ug/Kg	☼	03/05/26 09:41	03/15/26 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*03/05/26 09:41*	*03/15/26 23:07*	*1*
Dibromofluoromethane (Surr)	*98*		*50 - 141*	*03/05/26 09:41*	*03/15/26 23:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*03/05/26 09:41*	*03/15/26 23:07*	*1*
Toluene-d8 (Surr)	*103*		*52 - 141*	*03/05/26 09:41*	*03/15/26 23:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.2		1.0	1.0	%			03/06/26 09:20	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV122-0-0.17
Lab Sample ID: 180-202501-15
Date Collected: 03/03/26 10:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Acetophenone	ND		770	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Anthracene	ND		77	20	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Atrazine	ND		770	170	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Benzo[a]anthracene	**45**	**J**	77	35	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Benzo[a]pyrene	**41**	**J**	77	33	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Benzo[b]fluoranthene	**57**	**J**	77	19	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Benzo[g,h,i]perylene	ND		77	17	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Benzo[k]fluoranthene	**23**	**J**	77	23	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Carbazole	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Chrysene	**53**	**J**	77	43	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Dimethyl phthalate	ND		770	420	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Fluoranthene	**78**		77	20	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Fluorene	ND		77	15	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Indeno[1,2,3-cd]pyrene	ND		77	38	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Isophorone	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1

Client Sample ID: SSHS-IRM5A2-SCV122-0-0.17
Lab Sample ID: 180-202501-15
Date Collected: 03/03/26 10:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Naphthalene	ND		77	15	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2-Nitroaniline	ND		2000	170	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Phenanthrene	**43**	**J**	77	21	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Phenol	ND		380	120	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
Pyrene	**76**	**J**	77	27	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*44 - 105*	*03/05/26 13:04*	*03/09/26 16:34*	*1*
2-Fluorophenol (Surr)	*70*		*48 - 105*	*03/05/26 13:04*	*03/09/26 16:34*	*1*
Nitrobenzene-d5 (Surr)	*80*		*46 - 105*	*03/05/26 13:04*	*03/09/26 16:34*	*1*
Phenol-d5 (Surr)	*70*		*46 - 105*	*03/05/26 13:04*	*03/09/26 16:34*	*1*
Terphenyl-d14 (Surr)	*82*		*39 - 105*	*03/05/26 13:04*	*03/09/26 16:34*	*1*
2,4,6-Tribromophenol (Surr)	*48*		*34 - 108*	*03/05/26 13:04*	*03/09/26 16:34*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.3	ug/Kg	☼	03/05/26 13:30	03/09/26 19:47	1
PCB-1221	ND		19	6.9	ug/Kg	☼	03/05/26 13:30	03/09/26 19:47	1
PCB-1232	ND		19	4.7	ug/Kg	☼	03/05/26 13:30	03/09/26 19:47	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 13:30	03/09/26 19:47	1
PCB-1248	ND		19	4.7	ug/Kg	☼	03/05/26 13:30	03/09/26 19:47	1
PCB-1254	ND		19	5.8	ug/Kg	☼	03/05/26 13:30	03/09/26 19:47	1
PCB-1260	ND		19	5.5	ug/Kg	☼	03/05/26 13:30	03/09/26 19:47	1
PCB-1262	ND		19	6.8	ug/Kg	☼	03/05/26 13:30	03/09/26 19:47	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 13:30	03/09/26 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*73*		*26 - 142*	*03/05/26 13:30*	*03/09/26 19:47*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/05/26 13:30*	*03/09/26 19:47*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*17 - 144*	*03/05/26 13:30*	*03/09/26 19:47*	*1*
Tetrachloro-m-xylene (Surr)	*81*		*17 - 144*	*03/05/26 13:30*	*03/09/26 19:47*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		35	10	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Antimony	ND		5.8	2.0	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV122-0-0.17
Lab Sample ID: 180-202501-15
Date Collected: 03/03/26 10:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.2

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.5	J	5.8	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Barium	65		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Beryllium	0.45	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Cadmium	0.22	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Calcium	22000		58	24	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Chromium	14		1.7	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Cobalt	7.5		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Copper	20		2.3	0.90	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Iron	19000		23	9.3	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Lead	14		1.7	0.70	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Magnesium	5100	B	23	4.7	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Manganese	370		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Nickel	18		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Potassium	1400		120	41	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Selenium	ND		5.8	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Silver	ND		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Sodium	60	J	120	47	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Vanadium	15		1.2	0.50	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1
Zinc	69		2.3	0.93	mg/Kg	☼	03/07/26 07:30	03/09/26 13:33	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045	J	0.071	0.024	mg/Kg	☼	03/09/26 15:02	03/09/26 21:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	15.8		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	84.2		0.1	0.1	%			03/09/26 10:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV122-0.17-1
Lab Sample ID: 180-202501-16
Date Collected: 03/03/26 11:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Acenaphthylene	ND		74	16	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Acetophenone	ND		740	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Anthracene	ND		74	19	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Atrazine	ND		740	160	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Benzaldehyde	ND		740	46	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Benzo[a]anthracene	**95**		74	33	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Benzo[a]pyrene	**92**		74	32	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Benzo[b]fluoranthene	**120**		74	18	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Benzo[g,h,i]perylene	**67**	**J**	74	16	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Benzo[k]fluoranthene	**60**	**J**	74	22	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Bis(2-chloroethyl)ether	ND		74	23	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Carbazole	ND		74	17	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
4-Chloroaniline	ND		360	97	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Chrysene	**110**		74	41	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Dibenzofuran	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Dimethyl phthalate	ND		740	410	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Di-n-butyl phthalate	ND		3600	770	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
1,4-Dioxane	ND		740	230	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Fluoranthene	**180**		74	19	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Fluorene	ND		74	14	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Hexachlorocyclopentadiene	ND		360	100	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Hexachloroethane	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Indeno[1,2,3-cd]pyrene	**55**	**J**	74	37	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Isophorone	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2-Methylphenol	ND		360	110	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1

Client Sample ID: SSHS-IRM5A2-SCV122-0.17-1
Lab Sample ID: 180-202501-16
Date Collected: 03/03/26 11:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Naphthalene	ND		74	14	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Nitrobenzene	ND		740	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Phenanthrene	**80**		74	20	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Phenol	ND		360	110	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
Pyrene	**170**		74	26	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*44 - 105*	*03/05/26 13:04*	*03/09/26 16:57*	*1*
2-Fluorophenol (Surr)	*78*		*48 - 105*	*03/05/26 13:04*	*03/09/26 16:57*	*1*
Nitrobenzene-d5 (Surr)	*86*		*46 - 105*	*03/05/26 13:04*	*03/09/26 16:57*	*1*
Phenol-d5 (Surr)	*78*		*46 - 105*	*03/05/26 13:04*	*03/09/26 16:57*	*1*
Terphenyl-d14 (Surr)	*85*		*39 - 105*	*03/05/26 13:04*	*03/09/26 16:57*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*34 - 108*	*03/05/26 13:04*	*03/09/26 16:57*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/05/26 13:30	03/09/26 20:05	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/05/26 13:30	03/09/26 20:05	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 13:30	03/09/26 20:05	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/05/26 13:30	03/09/26 20:05	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 13:30	03/09/26 20:05	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/05/26 13:30	03/09/26 20:05	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/05/26 13:30	03/09/26 20:05	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/05/26 13:30	03/09/26 20:05	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 13:30	03/09/26 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*85*		*26 - 142*	*03/05/26 13:30*	*03/09/26 20:05*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*26 - 142*	*03/05/26 13:30*	*03/09/26 20:05*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/05/26 13:30*	*03/09/26 20:05*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*17 - 144*	*03/05/26 13:30*	*03/09/26 20:05*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		31	9.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Antimony	ND		5.2	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV122-0.17-1
Lab Sample ID: 180-202501-16
Date Collected: 03/03/26 11:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.4		5.2	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Barium	78		0.52	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Beryllium	0.49	J	0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Cadmium	0.13	J	0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Calcium	18000		52	22	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Chromium	14		1.6	0.63	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Cobalt	8.6		0.52	0.15	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Copper	21		2.1	0.81	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Iron	21000		21	8.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Lead	18		1.6	0.63	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Magnesium	5100	B	21	4.2	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Manganese	440		1.0	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Nickel	20		1.0	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Potassium	1500		100	37	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Selenium	ND		5.2	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Silver	ND		1.0	0.42	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Sodium	70	J	100	42	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Thallium	ND		3.1	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Vanadium	16		1.0	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1
Zinc	74		2.1	0.84	mg/Kg	☼	03/07/26 07:30	03/09/26 13:45	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058	J	0.063	0.021	mg/Kg	☼	03/09/26 15:02	03/09/26 21:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.6		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	88.4		0.1	0.1	%			03/09/26 10:39	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-08
Lab Sample ID: 180-202501-17

Date Collected: 03/03/26 00:00
Matrix: Solid

Date Received: 03/05/26 09:30
Percent Solids: 89.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		73	21	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Acenaphthylene	ND		73	16	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Acetophenone	ND		730	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Anthracene	ND		73	19	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Atrazine	ND		730	160	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Benzaldehyde	ND		730	45	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Benzo[a]anthracene	**76**		73	33	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Benzo[a]pyrene	**84**		73	32	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Benzo[b]fluoranthene	**100**		73	18	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Benzo[g,h,i]perylene	**53**	**J**	73	16	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Benzo[k]fluoranthene	**51**	**J**	73	22	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Bis(2-chloroethyl)ether	ND		73	23	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Carbazole	ND		73	17	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2-Chloronaphthalene	ND		73	17	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Chrysene	**89**		73	41	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Dibenz(a,h)anthracene	ND		73	47	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Dibenzofuran	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2,4-Dichlorophenol	ND		73	28	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Dimethyl phthalate	ND		730	400	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Di-n-butyl phthalate	ND		3600	760	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
1,4-Dioxane	ND		730	230	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Fluoranthene	**140**		73	19	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Fluorene	ND		73	14	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Hexachlorobenzene	ND		73	26	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Hexachlorobutadiene	ND		73	21	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Hexachlorocyclopentadiene	ND		360	99	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Hexachloroethane	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Indeno[1,2,3-cd]pyrene	**42**	**J**	73	36	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Isophorone	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2-Methylnaphthalene	ND		73	18	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2-Methylphenol	ND		360	100	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-08
Lab Sample ID: 180-202501-17

Date Collected: 03/03/26 00:00
Matrix: Solid

Date Received: 03/05/26 09:30
Percent Solids: 89.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Naphthalene	ND		73	14	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
3-Nitroaniline	ND		1900	93	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Nitrobenzene	ND		730	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
N-Nitrosodi-n-propylamine	ND		73	25	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2,2'-oxybis[1-chloropropane]	ND		73	27	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Phenanthrene	**63**	**J**	73	20	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Phenol	ND		360	110	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
Pyrene	**150**		73	26	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	03/05/26 13:04	03/09/26 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*44 - 105*	*03/05/26 13:04*	*03/09/26 17:19*	*1*
2-Fluorophenol (Surr)	*70*		*48 - 105*	*03/05/26 13:04*	*03/09/26 17:19*	*1*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*	*03/05/26 13:04*	*03/09/26 17:19*	*1*
Phenol-d5 (Surr)	*71*		*46 - 105*	*03/05/26 13:04*	*03/09/26 17:19*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 105*	*03/05/26 13:04*	*03/09/26 17:19*	*1*
2,4,6-Tribromophenol (Surr)	*50*		*34 - 108*	*03/05/26 13:04*	*03/09/26 17:19*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		18	5.9	ug/Kg	☼	03/05/26 13:30	03/09/26 20:23	1
PCB-1221	ND		18	6.5	ug/Kg	☼	03/05/26 13:30	03/09/26 20:23	1
PCB-1232	ND		18	4.5	ug/Kg	☼	03/05/26 13:30	03/09/26 20:23	1
PCB-1242	ND		18	2.7	ug/Kg	☼	03/05/26 13:30	03/09/26 20:23	1
PCB-1248	ND		18	4.4	ug/Kg	☼	03/05/26 13:30	03/09/26 20:23	1
PCB-1254	ND		18	5.5	ug/Kg	☼	03/05/26 13:30	03/09/26 20:23	1
PCB-1260	ND		18	5.2	ug/Kg	☼	03/05/26 13:30	03/09/26 20:23	1
PCB-1262	ND		18	6.4	ug/Kg	☼	03/05/26 13:30	03/09/26 20:23	1
PCB-1268	ND		18	2.5	ug/Kg	☼	03/05/26 13:30	03/09/26 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*71*		*26 - 142*	*03/05/26 13:30*	*03/09/26 20:23*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*26 - 142*	*03/05/26 13:30*	*03/09/26 20:23*	*1*
Tetrachloro-m-xylene (Surr)	*74*		*17 - 144*	*03/05/26 13:30*	*03/09/26 20:23*	*1*
Tetrachloro-m-xylene (Surr)	*75*		*17 - 144*	*03/05/26 13:30*	*03/09/26 20:23*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		31	9.3	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Antimony	ND		5.2	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-08
Lab Sample ID: 180-202501-17
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8		5.2	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Barium	73		0.52	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Beryllium	0.51	J	0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Cadmium	0.12	J	0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Calcium	18000		52	22	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Chromium	15		1.6	0.62	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Cobalt	8.4		0.52	0.15	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Copper	20		2.1	0.80	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Iron	20000		21	8.3	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Lead	17		1.6	0.62	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Magnesium	5000	B	21	4.1	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Manganese	440		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Nickel	20		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Potassium	1500		100	36	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Selenium	ND		5.2	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Silver	ND		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Sodium	62	J	100	41	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Thallium	ND		3.1	1.3	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Vanadium	16		1.0	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1
Zinc	75		2.1	0.83	mg/Kg	☼	03/07/26 07:30	03/09/26 13:48	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045	J	0.064	0.021	mg/Kg	☼	03/09/26 15:02	03/09/26 21:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.6		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	89.4		0.1	0.1	%			03/09/26 10:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV122-0.5-1
Lab Sample ID: 180-202501-18
Date Collected: 03/03/26 11:00
Matrix: Solid
Date Received: 03/05/26 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.7		1.0	1.0	%			03/06/26 09:20	1

Client Sample ID: SSHS-IRM5A2-SCV123-0-0.17
Lab Sample ID: 180-202501-19
Date Collected: 03/03/26 11:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	22	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Acenaphthylene	ND		78	17	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Acetophenone	ND		780	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Anthracene	ND		78	20	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Atrazine	ND		780	170	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Benzaldehyde	ND		780	48	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Benzo[a]anthracene	ND		78	35	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Benzo[a]pyrene	ND		78	34	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Benzo[b]fluoranthene	**34**	**J**	78	19	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Benzo[g,h,i]perylene	ND		78	17	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Benzo[k]fluoranthene	ND		78	23	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Bis(2-chloroethyl)ether	ND		78	24	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Butyl benzyl phthalate	ND		1900	270	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Carbazole	ND		78	18	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
4-Chloro-3-methylphenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Chrysene	ND		78	43	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Dibenz(a,h)anthracene	ND		78	50	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Diethyl phthalate	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Dimethyl phthalate	ND		780	430	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Di-n-butyl phthalate	ND		3800	810	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Di-n-octyl phthalate	ND		380	230	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
1,4-Dioxane	ND		780	240	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Fluoranthene	**35**	**J**	78	20	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Fluorene	ND		78	15	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Indeno[1,2,3-cd]pyrene	ND		78	39	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Isophorone	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2-Methylnaphthalene	ND		78	19	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1

Client Sample ID: SSHS-IRM5A2-SCV123-0-0.17
Lab Sample ID: 180-202501-19
Date Collected: 03/03/26 11:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Naphthalene	ND		78	15	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Nitrobenzene	ND		780	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Phenanthrene	ND		78	21	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Phenol	ND		380	120	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
Pyrene	**37**	**J**	78	27	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 13:04	03/09/26 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*44 - 105*	*03/05/26 13:04*	*03/09/26 17:41*	*1*
2-Fluorophenol (Surr)	*73*		*48 - 105*	*03/05/26 13:04*	*03/09/26 17:41*	*1*
Nitrobenzene-d5 (Surr)	*81*		*46 - 105*	*03/05/26 13:04*	*03/09/26 17:41*	*1*
Phenol-d5 (Surr)	*73*		*46 - 105*	*03/05/26 13:04*	*03/09/26 17:41*	*1*
Terphenyl-d14 (Surr)	*82*		*39 - 105*	*03/05/26 13:04*	*03/09/26 17:41*	*1*
2,4,6-Tribromophenol (Surr)	*52*		*34 - 108*	*03/05/26 13:04*	*03/09/26 17:41*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	03/05/26 13:30	03/09/26 20:41	1
PCB-1221	ND		20	6.9	ug/Kg	☼	03/05/26 13:30	03/09/26 20:41	1
PCB-1232	ND		20	4.8	ug/Kg	☼	03/05/26 13:30	03/09/26 20:41	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/05/26 13:30	03/09/26 20:41	1
PCB-1248	ND		20	4.7	ug/Kg	☼	03/05/26 13:30	03/09/26 20:41	1
PCB-1254	ND		20	5.9	ug/Kg	☼	03/05/26 13:30	03/09/26 20:41	1
PCB-1260	ND		20	5.6	ug/Kg	☼	03/05/26 13:30	03/09/26 20:41	1
PCB-1262	ND		20	6.9	ug/Kg	☼	03/05/26 13:30	03/09/26 20:41	1
PCB-1268	ND		20	2.6	ug/Kg	☼	03/05/26 13:30	03/09/26 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*78*		*26 - 142*	*03/05/26 13:30*	*03/09/26 20:41*	*1*
DCB Decachlorobiphenyl (Surr)	*73*		*26 - 142*	*03/05/26 13:30*	*03/09/26 20:41*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*17 - 144*	*03/05/26 13:30*	*03/09/26 20:41*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*17 - 144*	*03/05/26 13:30*	*03/09/26 20:41*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		33	10	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Antimony	ND		5.6	1.9	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV123-0-0.17
Lab Sample ID: 180-202501-19
Date Collected: 03/03/26 11:05
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		5.6	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Barium	67		0.56	0.17	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Beryllium	0.42	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Cadmium	ND		0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Calcium	12000		56	23	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Chromium	13		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Cobalt	7.2		0.56	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Copper	19		2.2	0.86	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Iron	19000		22	8.9	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Lead	14		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Magnesium	4400	B	22	4.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Manganese	360		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Nickel	17		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Potassium	1200		110	39	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Selenium	ND		5.6	1.7	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Sodium	53	J	110	45	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Vanadium	15		1.1	0.48	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1
Zinc	72		2.2	0.89	mg/Kg	☼	03/07/26 07:30	03/09/26 13:51	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038	J	0.068	0.023	mg/Kg	☼	03/09/26 15:02	03/09/26 22:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	15.4		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	84.6		0.1	0.1	%			03/09/26 10:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV123-0.17-1
Lab Sample ID: 180-202501-20
Date Collected: 03/03/26 11:10
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Acenaphthylene	ND		74	16	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Acetophenone	ND		740	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Anthracene	ND		74	19	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Atrazine	ND		740	160	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Benzaldehyde	ND		740	46	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Benzo[a]anthracene	**46**	**J**	74	33	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Benzo[a]pyrene	**53**	**J**	74	32	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Benzo[b]fluoranthene	**69**	**J**	74	18	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Benzo[g,h,i]perylene	**41**	**J**	74	16	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Benzo[k]fluoranthene	**34**	**J**	74	22	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Bis(2-chloroethyl)ether	ND		74	23	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Bis(2-ethylhexyl) phthalate	ND		3700	390	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Butyl benzyl phthalate	ND		1900	250	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Carbazole	ND		74	17	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
4-Chloroaniline	ND		370	97	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Chrysene	**65**	**J**	74	41	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2,4-Dichlorophenol	ND		74	29	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2,4-Dimethylphenol	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Dimethyl phthalate	ND		740	410	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Di-n-butyl phthalate	ND		3700	770	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2,6-Dinitrotoluene	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
1,4-Dioxane	ND		740	230	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Fluoranthene	**87**		74	20	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Fluorene	ND		74	15	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Hexachlorobenzene	ND		74	27	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Hexachlorobutadiene	ND		74	22	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Indeno[1,2,3-cd]pyrene	ND		74	37	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1

Client Sample ID: SSHS-IRM5A2-SCV123-0.17-1
Lab Sample ID: 180-202501-20
Date Collected: 03/03/26 11:10
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Naphthalene	ND		74	14	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
3-Nitroaniline	ND		1900	94	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Nitrobenzene	ND		740	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Phenanthrene	**39**	**J**	74	20	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
Pyrene	**84**		74	26	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2,3,4,6-Tetrachlorophenol	ND		370	150	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/05/26 13:04	03/09/26 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*44 - 105*	*03/05/26 13:04*	*03/09/26 18:04*	*1*
2-Fluorophenol (Surr)	*71*		*48 - 105*	*03/05/26 13:04*	*03/09/26 18:04*	*1*
Nitrobenzene-d5 (Surr)	*80*		*46 - 105*	*03/05/26 13:04*	*03/09/26 18:04*	*1*
Phenol-d5 (Surr)	*73*		*46 - 105*	*03/05/26 13:04*	*03/09/26 18:04*	*1*
Terphenyl-d14 (Surr)	*79*		*39 - 105*	*03/05/26 13:04*	*03/09/26 18:04*	*1*
2,4,6-Tribromophenol (Surr)	*50*		*34 - 108*	*03/05/26 13:04*	*03/09/26 18:04*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.0	ug/Kg	☼	03/05/26 13:30	03/09/26 20:59	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/05/26 13:30	03/09/26 20:59	1
PCB-1232	ND		19	4.5	ug/Kg	☼	03/05/26 13:30	03/09/26 20:59	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/05/26 13:30	03/09/26 20:59	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 13:30	03/09/26 20:59	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/05/26 13:30	03/09/26 20:59	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/05/26 13:30	03/09/26 20:59	1
PCB-1262	ND		19	6.5	ug/Kg	☼	03/05/26 13:30	03/09/26 20:59	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 13:30	03/09/26 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*72*		*26 - 142*	*03/05/26 13:30*	*03/09/26 20:59*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*26 - 142*	*03/05/26 13:30*	*03/09/26 20:59*	*1*
Tetrachloro-m-xylene (Surr)	*84*		*17 - 144*	*03/05/26 13:30*	*03/09/26 20:59*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*17 - 144*	*03/05/26 13:30*	*03/09/26 20:59*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		32	9.7	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Antimony	ND		5.4	1.8	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV123-0.17-1
Lab Sample ID: 180-202501-20
Date Collected: 03/03/26 11:10
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.8

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		5.4	1.5	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Barium	82		0.54	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Beryllium	0.49	J	0.54	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Cadmium	0.12	J	0.54	0.11	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Calcium	15000		54	23	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Chromium	14		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Cobalt	7.9		0.54	0.16	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Copper	20		2.1	0.83	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Iron	19000		21	8.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Lead	20		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Magnesium	4700	B	21	4.3	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Manganese	430		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Nickel	18		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Potassium	1300		110	38	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Selenium	ND		5.4	1.6	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Silver	ND		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Sodium	58	J	110	43	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Vanadium	16		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1
Zinc	73		2.1	0.86	mg/Kg	☼	03/07/26 07:30	03/09/26 13:54	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.056	J	0.067	0.022	mg/Kg	☼	03/09/26 15:02	03/09/26 22:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.2		0.1	0.1	%			03/09/26 10:39	1
Percent Solids (EPA Moisture)	87.8		0.1	0.1	%			03/09/26 10:39	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: 180-202501-11 MS
Client Sample ID: SSHS-IRM5A2-SCV120-0.5-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 783114
Prep Batch: 783020

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	ND	F1	251	447	F1	ug/Kg	☼	178	52 - 142
Benzene	ND		20.1	19.0		ug/Kg	☼	94	80 - 120
Bromoform	ND		20.1	14.5		ug/Kg	☼	72	66 - 127
Bromomethane	ND		20.1	18.6		ug/Kg	☼	93	60 - 126
2-Butanone (MEK)	ND	F1	251	257		ug/Kg	☼	102	62 - 132
Carbon disulfide	ND		20.1	18.5		ug/Kg	☼	92	56 - 125
Carbon tetrachloride	ND		20.1	17.1		ug/Kg	☼	85	70 - 120
Chlorobenzene	ND		20.1	15.6		ug/Kg	☼	78	74 - 120
Chlorobromomethane	ND		20.1	19.2		ug/Kg	☼	96	79 - 124
Chlorodibromomethane	ND		20.1	16.3		ug/Kg	☼	81	77 - 125
Chloroethane	ND		20.1	19.4		ug/Kg	☼	96	55 - 127
Chloroform	ND		20.1	18.1		ug/Kg	☼	90	73 - 120
Chloromethane	ND		20.1	17.7		ug/Kg	☼	88	50 - 120
cis-1,2-Dichloroethene	ND		20.1	18.8		ug/Kg	☼	93	80 - 123
cis-1,3-Dichloropropene	ND		20.1	16.5		ug/Kg	☼	82	73 - 120
Cyclohexane	ND		20.1	18.0		ug/Kg	☼	90	58 - 120
1,2-Dibromo-3-Chloropropane	ND		20.1	14.8		ug/Kg	☼	74	61 - 120
1,2-Dibromoethane	ND		20.1	17.7		ug/Kg	☼	88	76 - 120
1,2-Dichlorobenzene	ND	F1 F2	20.1	11.4	F1	ug/Kg	☼	57	74 - 120
1,3-Dichlorobenzene	ND	F1	20.1	12.0	F1	ug/Kg	☼	60	75 - 120
1,4-Dichlorobenzene	ND	F1	20.1	11.9	F1	ug/Kg	☼	59	76 - 122
Dichlorobromomethane	ND		20.1	17.1		ug/Kg	☼	85	77 - 120
Dichlorodifluoromethane	ND		20.1	15.9		ug/Kg	☼	79	44 - 120
1,1-Dichloroethane	ND		20.1	19.9		ug/Kg	☼	99	76 - 120
1,2-Dichloroethane	ND		20.1	18.1		ug/Kg	☼	90	72 - 124
1,1-Dichloroethene	ND		20.1	20.5		ug/Kg	☼	102	73 - 129
1,2-Dichloroethene, Total	ND		40.2	37.4		ug/Kg	☼	93	74 - 120
1,2-Dichloropropane	ND		20.1	19.1		ug/Kg	☼	95	70 - 124
1,4-Dioxane	ND		503	793		ug/Kg	☼	158	41 - 177
Ethylbenzene	ND		20.1	16.0		ug/Kg	☼	79	72 - 118
2-Hexanone	ND	F1	251	355	F1	ug/Kg	☼	141	64 - 140
Isopropylbenzene	ND	F1	20.1	14.8	F1	ug/Kg	☼	74	77 - 134
Methyl acetate	ND		20.1	22.2		ug/Kg	☼	110	59 - 137
Methylcyclohexane	ND		20.1	15.4		ug/Kg	☼	76	61 - 124
Methylene Chloride	3.8		20.1	25.4		ug/Kg	☼	107	76 - 122
4-Methyl-2-pentanone (MIBK)	ND		251	310		ug/Kg	☼	124	67 - 138
Methyl tert-butyl ether	ND		20.1	20.0		ug/Kg	☼	99	63 - 120
m-Xylene & p-Xylene	ND	F1	40.2	30.9	F1	ug/Kg	☼	77	80 - 120
o-Xylene	ND		20.1	15.3		ug/Kg	☼	76	75 - 120
Styrene	ND	F1	20.1	14.2	F1	ug/Kg	☼	71	76 - 120
1,1,2,2-Tetrachloroethane	ND		20.1	18.9		ug/Kg	☼	94	69 - 125
Tetrachloroethene	ND		20.1	15.5		ug/Kg	☼	77	73 - 120
Toluene	ND		20.1	17.2		ug/Kg	☼	86	71 - 120
trans-1,2-Dichloroethene	ND		20.1	18.6		ug/Kg	☼	93	71 - 126
trans-1,3-Dichloropropene	ND		20.1	17.0		ug/Kg	☼	85	76 - 122
1,2,3-Trichlorobenzene	ND	F1 F2	20.1	6.34	J F1	ug/Kg	☼	32	64 - 123
1,2,4-Trichlorobenzene	ND	F1 F2	20.1	7.15	J F1	ug/Kg	☼	36	69 - 124
1,1,1-Trichloroethane	ND		20.1	17.4		ug/Kg	☼	87	69 - 123

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-202501-11 MS
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: SSHS-IRM5A2-SCV120-0.5-1
Prep Type: Total/NA
Prep Batch: 783020

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	ND		20.1	19.0		ug/Kg	☼	95	76 - 120
Trichloroethene	ND		20.1	17.4		ug/Kg	☼	87	72 - 120
Trichlorofluoromethane	ND		20.1	14.1		ug/Kg	☼	70	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20.1	18.9		ug/Kg	☼	94	53 - 126
Vinyl chloride	ND		20.1	18.7		ug/Kg	☼	93	52 - 120
Xylenes, Total	ND		60.3	46.2		ug/Kg	☼	77	75 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*
Dibromofluoromethane (Surr)	*102*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*119*		*54 - 135*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: 180-202501-11 MSD
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: SSHS-IRM5A2-SCV120-0.5-1
Prep Type: Total/NA
Prep Batch: 783020

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	ND	F1	234	531	F1	ug/Kg	☼	227	52 - 142	17	30
Benzene	ND		18.7	19.6		ug/Kg	☼	105	80 - 120	3	30
Bromoform	ND		18.7	15.9		ug/Kg	☼	85	66 - 127	9	30
Bromomethane	ND		18.7	17.3		ug/Kg	☼	93	60 - 126	7	30
2-Butanone (MEK)	ND	F1	234	321	F1	ug/Kg	☼	137	62 - 132	22	30
Carbon disulfide	ND		18.7	19.0		ug/Kg	☼	102	56 - 125	3	30
Carbon tetrachloride	ND		18.7	18.0		ug/Kg	☼	96	70 - 120	5	30
Chlorobenzene	ND		18.7	18.1		ug/Kg	☼	97	74 - 120	15	30
Chlorobromomethane	ND		18.7	19.3		ug/Kg	☼	103	79 - 124	0	30
Chlorodibromomethane	ND		18.7	18.1		ug/Kg	☼	96	77 - 125	10	30
Chloroethane	ND		18.7	18.3		ug/Kg	☼	98	55 - 127	6	30
Chloroform	ND		18.7	18.9		ug/Kg	☼	101	73 - 120	4	30
Chloromethane	ND		18.7	16.6		ug/Kg	☼	89	50 - 120	6	30
cis-1,2-Dichloroethene	ND		18.7	19.5		ug/Kg	☼	104	80 - 123	4	30
cis-1,3-Dichloropropene	ND		18.7	17.5		ug/Kg	☼	93	73 - 120	6	30
Cyclohexane	ND		18.7	20.0		ug/Kg	☼	107	58 - 120	10	30
1,2-Dibromo-3-Chloropropane	ND		18.7	17.5		ug/Kg	☼	94	61 - 120	17	30
1,2-Dibromoethane	ND		18.7	18.7		ug/Kg	☼	100	76 - 120	6	30
1,2-Dichlorobenzene	ND	F1 F2	18.7	15.5	F2	ug/Kg	☼	83	74 - 120	31	30
1,3-Dichlorobenzene	ND	F1	18.7	16.0		ug/Kg	☼	86	75 - 120	29	30
1,4-Dichlorobenzene	ND	F1	18.7	15.9		ug/Kg	☼	85	76 - 122	29	30
Dichlorobromomethane	ND		18.7	18.2		ug/Kg	☼	97	77 - 120	7	30
Dichlorodifluoromethane	ND		18.7	15.1		ug/Kg	☼	80	44 - 120	5	30
1,1-Dichloroethane	ND		18.7	21.0		ug/Kg	☼	112	76 - 120	6	30
1,2-Dichloroethane	ND		18.7	18.3		ug/Kg	☼	98	72 - 124	1	30
1,1-Dichloroethene	ND		18.7	20.9		ug/Kg	☼	111	73 - 129	2	30
1,2-Dichloroethene, Total	ND		37.5	38.7		ug/Kg	☼	103	74 - 120	3	30
1,2-Dichloropropane	ND		18.7	19.9		ug/Kg	☼	106	70 - 124	4	30
1,4-Dioxane	ND		468	626		ug/Kg	☼	134	41 - 177	24	30
Ethylbenzene	ND		18.7	18.4		ug/Kg	☼	98	72 - 118	14	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-202501-11 MSD
Client Sample ID: SSHS-IRM5A2-SCV120-0.5-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 783114
Prep Batch: 783020

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone	ND	F1	234	323		ug/Kg	☼	138	64 - 140	10	30
Isopropylbenzene	ND	F1	18.7	17.6		ug/Kg	☼	94	77 - 134	17	30
Methyl acetate	ND		18.7	19.7		ug/Kg	☼	105	59 - 137	12	30
Methylcyclohexane	ND		18.7	18.0		ug/Kg	☼	96	61 - 124	15	30
Methylene Chloride	3.8		18.7	23.8		ug/Kg	☼	107	76 - 122	6	30
4-Methyl-2-pentanone (MIBK)	ND		234	274		ug/Kg	☼	117	67 - 138	12	30
Methyl tert-butyl ether	ND		18.7	19.3		ug/Kg	☼	103	63 - 120	4	30
m-Xylene & p-Xylene	ND	F1	37.5	35.8		ug/Kg	☼	95	80 - 120	15	30
o-Xylene	ND		18.7	17.7		ug/Kg	☼	94	75 - 120	15	30
Styrene	ND	F1	18.7	16.8		ug/Kg	☼	90	76 - 120	17	30
1,1,2,2-Tetrachloroethane	ND		18.7	21.4		ug/Kg	☼	114	69 - 125	13	30
Tetrachloroethene	ND		18.7	18.0		ug/Kg	☼	96	73 - 120	15	30
Toluene	ND		18.7	19.2		ug/Kg	☼	102	71 - 120	11	30
trans-1,2-Dichloroethene	ND		18.7	19.2		ug/Kg	☼	103	71 - 126	3	30
trans-1,3-Dichloropropene	ND		18.7	18.5		ug/Kg	☼	99	76 - 122	8	30
1,2,3-Trichlorobenzene	ND	F1 F2	18.7	9.05	J F1 F2	ug/Kg	☼	48	64 - 123	35	30
1,2,4-Trichlorobenzene	ND	F1 F2	18.7	10.4	F1 F2	ug/Kg	☼	55	69 - 124	37	30
1,1,1-Trichloroethane	ND		18.7	18.3		ug/Kg	☼	98	69 - 123	5	30
1,1,2-Trichloroethane	ND		18.7	19.9		ug/Kg	☼	106	76 - 120	5	30
Trichloroethene	ND		18.7	18.5		ug/Kg	☼	99	72 - 120	6	30
Trichlorofluoromethane	ND		18.7	13.7		ug/Kg	☼	73	58 - 120	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		18.7	20.0		ug/Kg	☼	107	53 - 126	6	30
Vinyl chloride	ND		18.7	17.6		ug/Kg	☼	94	52 - 120	6	30
Xylenes, Total	ND		56.2	53.5		ug/Kg	☼	95	75 - 120	15	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*
Dibromofluoromethane (Surr)	*99*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*
Toluene-d8 (Surr)	*104*		*52 - 141*

Lab Sample ID: 180-202501-14 MS
Client Sample ID: SSHS-IRM5A2-SCV121-0.5-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 783114
Prep Batch: 783020

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	41	F1 F2	298	655	F1	ug/Kg	☼	206	52 - 142
Benzene	ND	F2	23.9	22.9		ug/Kg	☼	96	80 - 120
Bromoform	ND	F2 F1	23.9	16.6		ug/Kg	☼	69	66 - 127
Bromomethane	ND	F2	23.9	20.5		ug/Kg	☼	86	60 - 126
2-Butanone (MEK)	ND	F2	298	387		ug/Kg	☼	130	62 - 132
Carbon disulfide	ND	F2	23.9	21.5		ug/Kg	☼	90	56 - 125
Carbon tetrachloride	ND	F2	23.9	20.3		ug/Kg	☼	85	70 - 120
Chlorobenzene	ND	F2 F1	23.9	18.7		ug/Kg	☼	78	74 - 120
Chlorobromomethane	ND	F2	23.9	22.5		ug/Kg	☼	94	79 - 124
Chlorodibromomethane	ND	F2 F1	23.9	19.3		ug/Kg	☼	81	77 - 125
Chloroethane	ND	F2	23.9	22.1		ug/Kg	☼	93	55 - 127
Chloroform	ND	F2	23.9	22.1		ug/Kg	☼	92	73 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-202501-14 MS
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: SSHS-IRM5A2-SCV121-0.5-1
Prep Type: Total/NA
Prep Batch: 783020

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloromethane	ND		23.9	20.4		ug/Kg	☼	85	50 - 120
cis-1,2-Dichloroethene	ND	F2	23.9	22.8		ug/Kg	☼	96	80 - 123
cis-1,3-Dichloropropene	ND	F2 F1	23.9	19.8		ug/Kg	☼	83	73 - 120
Cyclohexane	ND	F2	23.9	21.4		ug/Kg	☼	90	58 - 120
1,2-Dibromo-3-Chloropropane	ND	F2 F1	23.9	15.7		ug/Kg	☼	66	61 - 120
1,2-Dibromoethane	ND	F2 F1	23.9	20.3		ug/Kg	☼	85	76 - 120
1,2-Dichlorobenzene	ND	F1 F2	23.9	13.2	F1	ug/Kg	☼	55	74 - 120
1,3-Dichlorobenzene	ND	F1 F2	23.9	13.8	F1	ug/Kg	☼	58	75 - 120
1,4-Dichlorobenzene	ND	F1 F2	23.9	13.6	F1	ug/Kg	☼	57	76 - 122
Dichlorobromomethane	ND	F2 F1	23.9	20.8		ug/Kg	☼	87	77 - 120
Dichlorodifluoromethane	ND		23.9	17.8		ug/Kg	☼	75	44 - 120
1,1-Dichloroethane	ND	F2	23.9	24.5		ug/Kg	☼	103	76 - 120
1,2-Dichloroethane	ND	F2	23.9	21.2		ug/Kg	☼	89	72 - 124
1,1-Dichloroethene	ND	F2	23.9	24.5		ug/Kg	☼	103	73 - 129
1,2-Dichloroethene, Total	ND	F2	47.7	44.9		ug/Kg	☼	94	74 - 120
1,2-Dichloropropane	ND	F2	23.9	23.7		ug/Kg	☼	99	70 - 124
1,4-Dioxane	ND	F2	597	636		ug/Kg	☼	107	41 - 177
Ethylbenzene	ND	F2 F1	23.9	19.0		ug/Kg	☼	80	72 - 118
2-Hexanone	ND	F2	298	356		ug/Kg	☼	119	64 - 140
Isopropylbenzene	ND	F1 F2	23.9	17.3	F1	ug/Kg	☼	72	77 - 134
Methyl acetate	68	F1 F2	23.9	19.9	F1	ug/Kg	☼	-200	59 - 137
Methylcyclohexane	ND	F2 F1	23.9	17.5		ug/Kg	☼	73	61 - 124
Methylene Chloride	3.2	J F2	23.9	31.7		ug/Kg	☼	119	76 - 122
4-Methyl-2-pentanone (MIBK)	ND	F2	298	312		ug/Kg	☼	104	67 - 138
Methyl tert-butyl ether	ND		23.9	22.6		ug/Kg	☼	95	63 - 120
m-Xylene & p-Xylene	ND	F1 F2	47.7	36.5	F1	ug/Kg	☼	76	80 - 120
o-Xylene	ND	F2 F1	23.9	18.3		ug/Kg	☼	77	75 - 120
Styrene	ND	F1 F2	23.9	16.8	F1	ug/Kg	☼	70	76 - 120
1,1,2,2-Tetrachloroethane	ND	F2	23.9	21.1		ug/Kg	☼	88	69 - 125
Tetrachloroethene	ND	F2 F1	23.9	18.2		ug/Kg	☼	76	73 - 120
Toluene	ND	F2	23.9	20.8		ug/Kg	☼	87	71 - 120
trans-1,2-Dichloroethene	ND	F2	23.9	22.1		ug/Kg	☼	92	71 - 126
trans-1,3-Dichloropropene	ND	F2 F1	23.9	20.0		ug/Kg	☼	84	76 - 122
1,2,3-Trichlorobenzene	ND	F1	23.9	6.49	J F1	ug/Kg	☼	27	64 - 123
1,2,4-Trichlorobenzene	ND	F1	23.9	7.49	J F1	ug/Kg	☼	31	69 - 124
1,1,1-Trichloroethane	ND	F2	23.9	21.1		ug/Kg	☼	88	69 - 123
1,1,2-Trichloroethane	ND	F2	23.9	22.1		ug/Kg	☼	93	76 - 120
Trichloroethene	ND	F2	23.9	20.8		ug/Kg	☼	87	72 - 120
Trichlorofluoromethane	ND		23.9	16.0		ug/Kg	☼	67	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	23.9	22.4		ug/Kg	☼	94	53 - 126
Vinyl chloride	ND		23.9	21.0		ug/Kg	☼	88	52 - 120
Xylenes, Total	ND	F2 F1	71.6	54.8		ug/Kg	☼	77	75 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*
Dibromofluoromethane (Surr)	*100*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*110*		*54 - 135*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-202501-14 MS
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: SSHS-IRM5A2-SCV121-0.5-1
Prep Type: Total/NA
Prep Batch: 783020

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	102		52 - 141

Lab Sample ID: 180-202501-14 MSD
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: SSHS-IRM5A2-SCV121-0.5-1
Prep Type: Total/NA
Prep Batch: 783020

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	41	F1 F2	243	413	F1 F2	ug/Kg	☼	153	52 - 142	45	30
Benzene	ND	F2	19.4	16.6	F2	ug/Kg	☼	85	80 - 120	32	30
Bromoform	ND	F2 F1	19.4	10.3	F1 F2	ug/Kg	☼	53	66 - 127	46	30
Bromomethane	ND	F2	19.4	13.5	F2	ug/Kg	☼	69	60 - 126	41	30
2-Butanone (MEK)	ND	F2	243	241	F2	ug/Kg	☼	99	62 - 132	47	30
Carbon disulfide	ND	F2	19.4	15.3	F2	ug/Kg	☼	79	56 - 125	34	30
Carbon tetrachloride	ND	F2	19.4	14.1	F2	ug/Kg	☼	73	70 - 120	36	30
Chlorobenzene	ND	F2 F1	19.4	12.3	F1 F2	ug/Kg	☼	64	74 - 120	41	30
Chlorobromomethane	ND	F2	19.4	16.3	F2	ug/Kg	☼	84	79 - 124	32	30
Chlorodibromomethane	ND	F2 F1	19.4	13.1	F1 F2	ug/Kg	☼	67	77 - 125	39	30
Chloroethane	ND	F2	19.4	15.1	F2	ug/Kg	☼	78	55 - 127	38	30
Chloroform	ND	F2	19.4	15.9	F2	ug/Kg	☼	82	73 - 120	32	30
Chloromethane	ND		19.4	16.2		ug/Kg	☼	84	50 - 120	22	30
cis-1,2-Dichloroethene	ND	F2	19.4	16.4	F2	ug/Kg	☼	84	80 - 123	33	30
cis-1,3-Dichloropropene	ND	F2 F1	19.4	13.9	F1 F2	ug/Kg	☼	72	73 - 120	35	30
Cyclohexane	ND	F2	19.4	14.4	F2	ug/Kg	☼	74	58 - 120	39	30
1,2-Dibromo-3-Chloropropane	ND	F2 F1	19.4	9.41	F1 F2	ug/Kg	☼	48	61 - 120	50	30
1,2-Dibromoethane	ND	F2 F1	19.4	14.3	F1 F2	ug/Kg	☼	73	76 - 120	35	30
1,2-Dichlorobenzene	ND	F1 F2	19.4	7.48	F1 F2	ug/Kg	☼	38	74 - 120	55	30
1,3-Dichlorobenzene	ND	F1 F2	19.4	8.07	F1 F2	ug/Kg	☼	42	75 - 120	53	30
1,4-Dichlorobenzene	ND	F1 F2	19.4	7.81	F1 F2	ug/Kg	☼	40	76 - 122	54	30
Dichlorobromomethane	ND	F2 F1	19.4	14.4	F1 F2	ug/Kg	☼	74	77 - 120	36	30
Dichlorodifluoromethane	ND		19.4	14.1		ug/Kg	☼	72	44 - 120	24	30
1,1-Dichloroethane	ND	F2	19.4	17.8	F2	ug/Kg	☼	92	76 - 120	32	30
1,2-Dichloroethane	ND	F2	19.4	15.2	F2	ug/Kg	☼	78	72 - 124	33	30
1,1-Dichloroethene	ND	F2	19.4	17.9	F2	ug/Kg	☼	92	73 - 129	31	30
1,2-Dichloroethene, Total	ND	F2	38.9	32.3	F2	ug/Kg	☼	83	74 - 120	33	30
1,2-Dichloropropane	ND	F2	19.4	16.7	F2	ug/Kg	☼	86	70 - 124	34	30
1,4-Dioxane	ND	F2	486	448	F2	ug/Kg	☼	92	41 - 177	35	30
Ethylbenzene	ND	F2 F1	19.4	12.6	F1 F2	ug/Kg	☼	65	72 - 118	41	30
2-Hexanone	ND	F2	243	257	F2	ug/Kg	☼	106	64 - 140	32	30
Isopropylbenzene	ND	F1 F2	19.4	10.9	F1 F2	ug/Kg	☼	56	77 - 134	45	30
Methyl acetate	68	F1 F2	19.4	50.4	F1 F2	ug/Kg	☼	-89	59 - 137	87	30
Methylcyclohexane	ND	F2 F1	19.4	11.3	F1 F2	ug/Kg	☼	58	61 - 124	43	30
Methylene Chloride	3.2	J F2	19.4	22.7	F2	ug/Kg	☼	100	76 - 122	33	30
4-Methyl-2-pentanone (MIBK)	ND	F2	243	227	F2	ug/Kg	☼	93	67 - 138	32	30
Methyl tert-butyl ether	ND		19.4	16.7		ug/Kg	☼	86	63 - 120	30	30
m-Xylene & p-Xylene	ND	F1 F2	38.9	23.7	F1 F2	ug/Kg	☼	61	80 - 120	43	30
o-Xylene	ND	F2 F1	19.4	11.8	F1 F2	ug/Kg	☼	61	75 - 120	43	30
Styrene	ND	F1 F2	19.4	10.7	F1 F2	ug/Kg	☼	55	76 - 120	45	30
1,1,2,2-Tetrachloroethane	ND	F2	19.4	13.3	F2	ug/Kg	☼	69	69 - 125	45	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 180-202501-14 MSD
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: SSHS-IRM5A2-SCV121-0.5-1
Prep Type: Total/NA
Prep Batch: 783020

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene	ND	F2 F1	19.4	11.9	F1 F2	ug/Kg	☼	61	73 - 120	42	30
Toluene	ND	F2	19.4	14.8	F2	ug/Kg	☼	76	71 - 120	34	30
trans-1,2-Dichloroethene	ND	F2	19.4	15.9	F2	ug/Kg	☼	82	71 - 126	32	30
trans-1,3-Dichloropropene	ND	F2 F1	19.4	13.8	F1 F2	ug/Kg	☼	71	76 - 122	36	30
1,2,3-Trichlorobenzene	ND	F1	19.4	ND	F1	ug/Kg	☼	0	64 - 123	NC	30
1,2,4-Trichlorobenzene	ND	F1	19.4	ND	F1	ug/Kg	☼	0	69 - 124	NC	30
1,1,1-Trichloroethane	ND	F2	19.4	14.9	F2	ug/Kg	☼	77	69 - 123	34	30
1,1,2-Trichloroethane	ND	F2	19.4	15.6	F2	ug/Kg	☼	80	76 - 120	35	30
Trichloroethene	ND	F2	19.4	14.4	F2	ug/Kg	☼	74	72 - 120	36	30
Trichlorofluoromethane	ND		19.4	12.5		ug/Kg	☼	64	58 - 120	25	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	19.4	15.8	F2	ug/Kg	☼	81	53 - 126	35	30
Vinyl chloride	ND		19.4	16.8		ug/Kg	☼	87	52 - 120	22	30
Xylenes, Total	ND	F2 F1	58.3	35.5	F1 F2	ug/Kg	☼	61	75 - 120	43	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*
Dibromofluoromethane (Surr)	*100*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: MB 410-783114/7
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/15/26 20:40	1
Benzene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Bromoform	ND		10	5.0	ug/Kg			03/15/26 20:40	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/15/26 20:40	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/15/26 20:40	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
Chloroform	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/15/26 20:40	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/15/26 20:40	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/15/26 20:40	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-783114/7
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/15/26 20:40	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/15/26 20:40	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,4-Dioxane	ND		250	37	ug/Kg			03/15/26 20:40	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
2-Hexanone	ND		10	2.5	ug/Kg			03/15/26 20:40	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/15/26 20:40	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/15/26 20:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/15/26 20:40	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/15/26 20:40	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
Styrene	ND		5.0	0.90	ug/Kg			03/15/26 20:40	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/15/26 20:40	1
Toluene	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/15/26 20:40	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/15/26 20:40	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/15/26 20:40	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/15/26 20:40	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/15/26 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/15/26 20:40	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/15/26 20:40	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/15/26 20:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*		*03/15/26 20:40*	*1*
Dibromofluoromethane (Surr)	*100*		*50 - 141*		*03/15/26 20:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*54 - 135*		*03/15/26 20:40*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*		*03/15/26 20:40*	*1*

Lab Sample ID: LCS 410-783114/4
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	256		ug/Kg		102	52 - 142
Benzene	20.0	21.5		ug/Kg		108	80 - 120
Bromoform	20.0	18.4		ug/Kg		92	66 - 127
Bromomethane	20.0	19.5		ug/Kg		98	60 - 126
2-Butanone (MEK)	250	241		ug/Kg		97	62 - 132

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-783114/4
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	20.0	18.6		ug/Kg		93	56 - 125
Carbon tetrachloride	20.0	19.1		ug/Kg		95	70 - 120
Chlorobenzene	20.0	21.0		ug/Kg		105	74 - 120
Chlorobromomethane	20.0	20.9		ug/Kg		105	79 - 124
Chlorodibromomethane	20.0	19.9		ug/Kg		99	77 - 125
Chloroethane	20.0	19.7		ug/Kg		98	55 - 127
Chloroform	20.0	20.4		ug/Kg		102	73 - 120
Chloromethane	20.0	16.9		ug/Kg		84	50 - 120
cis-1,2-Dichloroethene	20.0	21.2		ug/Kg		106	80 - 125
cis-1,3-Dichloropropene	20.0	20.1		ug/Kg		101	73 - 120
Cyclohexane	20.0	18.9		ug/Kg		94	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.7		ug/Kg		93	61 - 120
1,2-Dibromoethane	20.0	20.3		ug/Kg		102	76 - 120
1,2-Dichlorobenzene	20.0	20.5		ug/Kg		102	74 - 120
1,3-Dichlorobenzene	20.0	20.8		ug/Kg		104	75 - 120
1,4-Dichlorobenzene	20.0	20.6		ug/Kg		103	76 - 122
Dichlorobromomethane	20.0	20.1		ug/Kg		101	77 - 120
Dichlorodifluoromethane	20.0	13.7		ug/Kg		68	44 - 120
1,1-Dichloroethane	20.0	21.9		ug/Kg		110	76 - 120
1,2-Dichloroethane	20.0	19.6		ug/Kg		98	72 - 124
1,1-Dichloroethene	20.0	21.8		ug/Kg		109	73 - 129
1,2-Dichloroethene, Total	40.0	42.1		ug/Kg		105	74 - 120
1,2-Dichloropropane	20.0	21.9		ug/Kg		109	70 - 124
1,4-Dioxane	500	539		ug/Kg		108	41 - 177
Ethylbenzene	20.0	20.7		ug/Kg		103	72 - 118
2-Hexanone	250	246		ug/Kg		98	64 - 140
Isopropylbenzene	20.0	20.5		ug/Kg		103	77 - 134
Methyl acetate	20.0	19.8		ug/Kg		99	59 - 137
Methylcyclohexane	20.0	18.2		ug/Kg		91	61 - 124
Methylene Chloride	20.0	22.1		ug/Kg		111	76 - 122
4-Methyl-2-pentanone (MIBK)	250	250		ug/Kg		100	67 - 138
Methyl tert-butyl ether	20.0	19.5		ug/Kg		98	63 - 120
m-Xylene & p-Xylene	40.0	41.1		ug/Kg		103	80 - 120
o-Xylene	20.0	20.5		ug/Kg		103	75 - 120
Styrene	20.0	20.5		ug/Kg		102	76 - 120
1,1,2,2-Tetrachloroethane	20.0	21.6		ug/Kg		108	69 - 125
Tetrachloroethene	20.0	19.4		ug/Kg		97	73 - 120
Toluene	20.0	20.8		ug/Kg		104	71 - 120
trans-1,2-Dichloroethene	20.0	20.9		ug/Kg		104	71 - 126
trans-1,3-Dichloropropene	20.0	21.0		ug/Kg		105	76 - 122
1,2,3-Trichlorobenzene	20.0	19.1		ug/Kg		95	64 - 123
1,2,4-Trichlorobenzene	20.0	19.5		ug/Kg		98	69 - 124
1,1,1-Trichloroethane	20.0	19.4		ug/Kg		97	69 - 123
1,1,2-Trichloroethane	20.0	21.1		ug/Kg		106	76 - 120
Trichloroethene	20.0	20.3		ug/Kg		101	72 - 120
Trichlorofluoromethane	20.0	13.5		ug/Kg		67	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.3		ug/Kg		91	53 - 126
Vinyl chloride	20.0	18.6		ug/Kg		93	52 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-783114/4
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Xylenes, Total			60.0	61.6		ug/Kg		103	75 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*
Dibromofluoromethane (Surr)	*100*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*
Toluene-d8 (Surr)	*102*		*52 - 141*

Lab Sample ID: LCSD 410-783114/5
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			260	253		ug/Kg		97	52 - 142	1	30
Benzene			20.8	21.3		ug/Kg		103	80 - 120	1	30
Bromoform			20.8	18.3		ug/Kg		88	66 - 127	1	30
Bromomethane			20.0	19.0		ug/Kg		95	60 - 126	3	30
2-Butanone (MEK)			260	236		ug/Kg		91	62 - 132	2	30
Carbon disulfide			20.8	18.3		ug/Kg		88	56 - 125	1	30
Carbon tetrachloride			20.8	19.0		ug/Kg		91	70 - 120	1	30
Chlorobenzene			20.8	20.9		ug/Kg		100	74 - 120	1	30
Chlorobromomethane			20.8	20.8		ug/Kg		100	79 - 124	1	30
Chlorodibromomethane			20.8	19.7		ug/Kg		95	77 - 125	1	30
Chloroethane			20.0	19.7		ug/Kg		98	55 - 127	0	30
Chloroform			20.8	20.2		ug/Kg		97	73 - 120	1	30
Chloromethane			20.0	17.8		ug/Kg		89	50 - 120	5	30
cis-1,2-Dichloroethene			20.8	21.2		ug/Kg		102	80 - 125	0	30
cis-1,3-Dichloropropene			20.8	19.9		ug/Kg		96	73 - 120	1	30
Cyclohexane			20.8	18.7		ug/Kg		90	58 - 120	1	30
1,2-Dibromo-3-Chloropropane			20.8	18.1		ug/Kg		87	61 - 120	3	30
1,2-Dibromoethane			20.8	20.1		ug/Kg		97	76 - 120	1	30
1,2-Dichlorobenzene			20.8	20.5		ug/Kg		98	74 - 120	0	30
1,3-Dichlorobenzene			20.8	20.5		ug/Kg		99	75 - 120	1	30
1,4-Dichlorobenzene			20.8	20.5		ug/Kg		99	76 - 122	0	30
Dichlorobromomethane			20.8	19.9		ug/Kg		96	77 - 120	1	30
Dichlorodifluoromethane			20.0	13.8		ug/Kg		69	44 - 120	1	30
1,1-Dichloroethane			20.8	22.0		ug/Kg		106	76 - 120	0	30
1,2-Dichloroethane			20.8	19.4		ug/Kg		93	72 - 124	1	30
1,1-Dichloroethene			20.8	21.6		ug/Kg		104	73 - 129	1	30
1,2-Dichloroethene, Total			41.6	41.9		ug/Kg		101	74 - 120	0	30
1,2-Dichloropropane			20.8	21.8		ug/Kg		105	70 - 124	0	30
1,4-Dioxane			520	537		ug/Kg		103	41 - 177	0	30
Ethylbenzene			20.8	20.6		ug/Kg		99	72 - 118	1	30
2-Hexanone			260	241		ug/Kg		93	64 - 140	2	30
Isopropylbenzene			20.8	20.3		ug/Kg		98	77 - 134	1	30
Methyl acetate			20.8	19.6		ug/Kg		94	59 - 137	1	30
Methylcyclohexane			20.8	18.0		ug/Kg		87	61 - 124	1	30
Methylene Chloride			20.8	22.0		ug/Kg		106	76 - 122	1	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783114/5
Matrix: Solid
Analysis Batch: 783114

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)			260	250		ug/Kg		96	67 - 138	0	30
Methyl tert-butyl ether			20.8	19.3		ug/Kg		93	63 - 120	1	30
m-Xylene & p-Xylene			41.6	40.8		ug/Kg		98	80 - 120	1	30
o-Xylene			20.8	20.5		ug/Kg		98	75 - 120	0	30
Styrene			20.8	20.1		ug/Kg		97	76 - 120	2	30
1,1,2,2-Tetrachloroethane			20.8	20.7		ug/Kg		100	69 - 125	4	30
Tetrachloroethene			20.8	19.3		ug/Kg		93	73 - 120	1	30
Toluene			20.8	20.8		ug/Kg		100	71 - 120	0	30
trans-1,2-Dichloroethene			20.8	20.7		ug/Kg		99	71 - 126	1	30
trans-1,3-Dichloropropene			20.8	20.6		ug/Kg		99	76 - 122	2	30
1,2,3-Trichlorobenzene			20.8	18.9		ug/Kg		91	64 - 123	1	30
1,2,4-Trichlorobenzene			20.8	19.1		ug/Kg		92	69 - 124	2	30
1,1,1-Trichloroethane			20.8	19.2		ug/Kg		92	69 - 123	1	30
1,1,2-Trichloroethane			20.8	20.7		ug/Kg		99	76 - 120	2	30
Trichloroethene			20.8	20.3		ug/Kg		97	72 - 120	0	30
Trichlorofluoromethane			20.0	13.5		ug/Kg		67	58 - 120	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.8	18.2		ug/Kg		87	53 - 126	0	30
Vinyl chloride			20.0	17.5		ug/Kg		87	52 - 120	7	30
Xylenes, Total			62.4	61.3		ug/Kg		98	75 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*
Dibromofluoromethane (Surr)	*101*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*106*		*54 - 135*
Toluene-d8 (Surr)	*102*		*52 - 141*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-510885/1-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Acenaphthylene	ND		67	15	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Acetophenone	ND		670	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Anthracene	ND		67	17	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Atrazine	ND		670	150	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Benzaldehyde	ND		670	41	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Benzo[a]anthracene	ND		67	30	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Benzo[a]pyrene	ND		67	29	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
1,1'-Biphenyl	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Bis(2-chloroethyl)ether	ND		67	21	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		03/04/26 05:24	03/09/26 10:33	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-510885/1-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Butyl benzyl phthalate	ND		1700	230	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Caprolactam	ND		1700	220	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Carbazole	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4-Chloroaniline	ND		330	88	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2-Chloronaphthalene	ND		67	15	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2-Chlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Chrysene	ND		67	37	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Dibenzofuran	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,4-Dichlorophenol	ND		67	26	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Diethyl phthalate	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Dimethyl phthalate	ND		670	370	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Di-n-butyl phthalate	ND		3300	690	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
1,4-Dioxane	ND		670	210	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Fluoranthene	ND		67	18	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Fluorene	ND		67	13	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Hexachlorobenzene	ND		67	24	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Hexachlorobutadiene	ND		67	20	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Hexachlorocyclopentadiene	ND		330	90	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Hexachloroethane	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Isophorone	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2-Methylnaphthalene	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2-Methylphenol	ND		330	96	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Naphthalene	ND		67	13	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2-Nitroaniline	ND		1700	150	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
3-Nitroaniline	ND		1700	85	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4-Nitroaniline	ND		1700	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Nitrobenzene	ND		670	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2-Nitrophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
4-Nitrophenol	ND		1700	230	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Pentachlorophenol	ND		1700	540	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Phenanthrene	ND		67	18	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Phenol	ND		330	100	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
Pyrene	ND		67	24	ug/Kg		03/04/26 05:24	03/09/26 10:33	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-510885/1-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 10:33	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 10:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*44 - 105*	*03/04/26 05:24*	*03/09/26 10:33*	*1*
2-Fluorophenol (Surr)	*74*		*48 - 105*	*03/04/26 05:24*	*03/09/26 10:33*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*	*03/04/26 05:24*	*03/09/26 10:33*	*1*
Phenol-d5 (Surr)	*71*		*46 - 105*	*03/04/26 05:24*	*03/09/26 10:33*	*1*
Terphenyl-d14 (Surr)	*78*		*39 - 105*	*03/04/26 05:24*	*03/09/26 10:33*	*1*
2,4,6-Tribromophenol (Surr)	*91*		*34 - 108*	*03/04/26 05:24*	*03/09/26 10:33*	*1*

Lab Sample ID: LCS 180-510885/2-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510885

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	4830		ug/Kg		72	50 - 100
Acenaphthylene	6670	4740		ug/Kg		71	52 - 100
Acetophenone	6670	4690		ug/Kg		70	48 - 100
Anthracene	6670	4960		ug/Kg		74	53 - 100
Atrazine	6670	5200		ug/Kg		78	49 - 103
Benzaldehyde	6670	3850		ug/Kg		58	23 - 105
Benzo[a]anthracene	6670	4720		ug/Kg		71	51 - 100
Benzo[a]pyrene	6670	4710		ug/Kg		71	51 - 100
Benzo[b]fluoranthene	6670	4310		ug/Kg		65	48 - 100
Benzo[g,h,i]perylene	6670	4790		ug/Kg		72	48 - 105
Benzo[k]fluoranthene	6670	4690		ug/Kg		70	19 - 100
1,1'-Biphenyl	6670	4810		ug/Kg		72	50 - 100
Bis(2-chloroethoxy)methane	6670	3750		ug/Kg		56	49 - 100
Bis(2-chloroethyl)ether	6670	4220		ug/Kg		63	48 - 100
Bis(2-ethylhexyl) phthalate	6670	5110		ug/Kg		77	53 - 107
4-Bromophenyl phenyl ether	6670	4920		ug/Kg		74	52 - 101
Butyl benzyl phthalate	6670	5230		ug/Kg		79	52 - 107
Caprolactam	6670	5140		ug/Kg		77	48 - 111
Carbazole	6670	4910		ug/Kg		74	53 - 100
4-Chloroaniline	6670	4630		ug/Kg		69	47 - 100
4-Chloro-3-methylphenol	6670	4970		ug/Kg		74	49 - 106
2-Chloronaphthalene	6670	4810		ug/Kg		72	51 - 100
2-Chlorophenol	6670	4960		ug/Kg		74	51 - 100
4-Chlorophenyl phenyl ether	6670	4810		ug/Kg		72	52 - 100
Chrysene	6670	4500		ug/Kg		68	50 - 100
Dibenz(a,h)anthracene	6670	4950		ug/Kg		74	50 - 107
Dibenzofuran	6670	4800		ug/Kg		72	52 - 100
3,3'-Dichlorobenzidine	6670	5060		ug/Kg		76	43 - 100
2,4-Dichlorophenol	6670	5300		ug/Kg		79	53 - 101
Diethyl phthalate	6670	4660		ug/Kg		70	48 - 104

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510885/2-A
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510885

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dimethylphenol	6670	4590		ug/Kg		69	51 - 101
Dimethyl phthalate	6670	4740		ug/Kg		71	53 - 100
Di-n-butyl phthalate	6670	4980		ug/Kg		75	57 - 102
4,6-Dinitro-2-methylphenol	13300	10800		ug/Kg		81	51 - 100
2,4-Dinitrophenol	13300	10400		ug/Kg		78	33 - 101
2,4-Dinitrotoluene	6670	5460		ug/Kg		82	54 - 104
2,6-Dinitrotoluene	6670	4880		ug/Kg		73	51 - 106
Di-n-octyl phthalate	6670	4380		ug/Kg		66	41 - 106
1,4-Dioxane	6670	5020		ug/Kg		75	25 - 125
Fluoranthene	6670	4940		ug/Kg		74	55 - 100
Fluorene	6670	4860		ug/Kg		73	52 - 100
Hexachlorobenzene	6670	5020		ug/Kg		75	49 - 100
Hexachlorobutadiene	6670	4880		ug/Kg		73	38 - 107
Hexachlorocyclopentadiene	6670	2190		ug/Kg		33	33 - 117
Hexachloroethane	6670	4560		ug/Kg		68	47 - 100
Indeno[1,2,3-cd]pyrene	6670	4790		ug/Kg		72	51 - 103
Isophorone	6670	3970		ug/Kg		60	48 - 105
2-Methylnaphthalene	6670	4920		ug/Kg		74	53 - 100
2-Methylphenol	6670	4830		ug/Kg		73	50 - 101
Methylphenol, 3 & 4	6670	4970		ug/Kg		74	50 - 103
Naphthalene	6670	4750		ug/Kg		71	51 - 100
2-Nitroaniline	6670	4330		ug/Kg		65	42 - 123
3-Nitroaniline	6670	5220		ug/Kg		78	50 - 103
4-Nitroaniline	6670	5190		ug/Kg		78	52 - 103
Nitrobenzene	6670	4380		ug/Kg		66	44 - 108
2-Nitrophenol	6670	5430		ug/Kg		81	55 - 107
4-Nitrophenol	13300	7750		ug/Kg		58	30 - 134
N-Nitrosodi-n-propylamine	6670	4670		ug/Kg		70	45 - 107
N-Nitrosodiphenylamine	6670	4950		ug/Kg		74	52 - 100
2,2'-oxybis[1-chloropropane]	6670	4660		ug/Kg		70	30 - 113
Pentachlorophenol	13300	9120		ug/Kg		68	42 - 110
Phenanthrene	6670	4830		ug/Kg		72	53 - 100
Phenol	6670	4470		ug/Kg		67	49 - 100
Pyrene	6670	4860		ug/Kg		73	52 - 100
1,2,4,5-Tetrachlorobenzene	6670	5030		ug/Kg		76	41 - 104
2,3,4,6-Tetrachlorophenol	6670	5310		ug/Kg		80	47 - 104
2,4,5-Trichlorophenol	6670	5360		ug/Kg		80	50 - 104
2,4,6-Trichlorophenol	6670	5480		ug/Kg		82	50 - 105

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*70*		*44 - 105*
2-Fluorophenol (Surr)	*71*		*48 - 105*
Nitrobenzene-d5 (Surr)	*64*		*46 - 105*
Phenol-d5 (Surr)	*70*		*46 - 105*
Terphenyl-d14 (Surr)	*72*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*88*		*34 - 108*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202501-7 MS
Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510979
Prep Batch: 510885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		7510	6500		ug/Kg	☼	87	50 - 100
Acenaphthylene	ND		7510	6440		ug/Kg	☼	86	52 - 100
Acetophenone	ND		7510	5800		ug/Kg	☼	77	48 - 100
Anthracene	ND		7510	6720		ug/Kg	☼	90	53 - 100
Atrazine	ND		7510	6680		ug/Kg	☼	89	49 - 103
Benzaldehyde	ND	F1	7510	1060	F1	ug/Kg	☼	14	23 - 105
Benzo[a]anthracene	48	J	7510	6800		ug/Kg	☼	90	51 - 100
Benzo[a]pyrene	53	J	7510	6320		ug/Kg	☼	83	51 - 100
Benzo[b]fluoranthene	68	J	7510	6330		ug/Kg	☼	83	48 - 100
Benzo[g,h,i]perylene	42	J	7510	7310		ug/Kg	☼	97	48 - 105
Benzo[k]fluoranthene	27	J	7510	6270		ug/Kg	☼	83	19 - 100
1,1'-Biphenyl	ND		7510	6420		ug/Kg	☼	85	50 - 100
Bis(2-chloroethoxy)methane	ND		7510	4960		ug/Kg	☼	66	49 - 100
Bis(2-chloroethyl)ether	ND		7510	5380		ug/Kg	☼	72	48 - 100
Bis(2-ethylhexyl) phthalate	ND		7510	7330		ug/Kg	☼	98	53 - 107
4-Bromophenyl phenyl ether	ND		7510	6550		ug/Kg	☼	87	52 - 101
Butyl benzyl phthalate	ND		7510	7400		ug/Kg	☼	99	52 - 107
Caprolactam	ND		7510	6230		ug/Kg	☼	83	48 - 111
Carbazole	ND		7510	6550		ug/Kg	☼	87	53 - 100
4-Chloroaniline	ND		7510	4130		ug/Kg	☼	55	47 - 100
4-Chloro-3-methylphenol	ND		7510	6400		ug/Kg	☼	85	49 - 106
2-Chloronaphthalene	ND		7510	6530		ug/Kg	☼	87	51 - 100
2-Chlorophenol	ND		7510	6300		ug/Kg	☼	84	51 - 100
4-Chlorophenyl phenyl ether	ND		7510	6500		ug/Kg	☼	87	52 - 100
Chrysene	59	J	7510	6520		ug/Kg	☼	86	50 - 100
Dibenz(a,h)anthracene	ND		7510	7100		ug/Kg	☼	95	50 - 107
Dibenzofuran	ND		7510	6450		ug/Kg	☼	86	52 - 100
3,3'-Dichlorobenzidine	ND		7510	5500		ug/Kg	☼	73	43 - 100
2,4-Dichlorophenol	ND		7510	6750		ug/Kg	☼	90	53 - 101
Diethyl phthalate	ND		7510	6290		ug/Kg	☼	84	48 - 104
2,4-Dimethylphenol	ND		7510	5510		ug/Kg	☼	73	51 - 101
Dimethyl phthalate	ND		7510	6420		ug/Kg	☼	86	53 - 100
Di-n-butyl phthalate	ND		7510	6610		ug/Kg	☼	88	57 - 102
4,6-Dinitro-2-methylphenol	ND		15000	13400		ug/Kg	☼	89	51 - 100
2,4-Dinitrophenol	ND		15000	9100		ug/Kg	☼	61	33 - 101
2,4-Dinitrotoluene	ND		7510	7370		ug/Kg	☼	98	54 - 104
2,6-Dinitrotoluene	ND		7510	6470		ug/Kg	☼	86	51 - 106
Di-n-octyl phthalate	ND		7510	6320		ug/Kg	☼	84	41 - 106
1,4-Dioxane	ND		7510	4850		ug/Kg	☼	65	25 - 125
Fluoranthene	97		7510	6810		ug/Kg	☼	89	55 - 100
Fluorene	ND		7510	6480		ug/Kg	☼	86	52 - 100
Hexachlorobenzene	ND		7510	6670		ug/Kg	☼	89	49 - 100
Hexachlorobutadiene	ND		7510	6350		ug/Kg	☼	85	38 - 107
Hexachlorocyclopentadiene	ND	F1	7510	2230	F1	ug/Kg	☼	30	33 - 117
Hexachloroethane	ND		7510	5680		ug/Kg	☼	76	47 - 100
Indeno[1,2,3-cd]pyrene	ND		7510	7120		ug/Kg	☼	95	51 - 103
Isophorone	ND		7510	5120		ug/Kg	☼	68	48 - 105
2-Methylnaphthalene	ND		7510	6350		ug/Kg	☼	85	53 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202501-7 MS
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Prep Type: Total/NA
Prep Batch: 510885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	ND		7510	6130		ug/Kg	☼	82	50 - 101
Methylphenol, 3 & 4	ND		7510	6240		ug/Kg	☼	83	50 - 103
Naphthalene	ND		7510	6180		ug/Kg	☼	82	51 - 100
2-Nitroaniline	ND		7510	5910		ug/Kg	☼	79	42 - 123
3-Nitroaniline	ND		7510	5570		ug/Kg	☼	74	50 - 103
4-Nitroaniline	ND		7510	5980		ug/Kg	☼	80	52 - 103
Nitrobenzene	ND		7510	5680		ug/Kg	☼	76	44 - 108
2-Nitrophenol	ND		7510	7040		ug/Kg	☼	94	55 - 107
4-Nitrophenol	ND		15000	9760		ug/Kg	☼	65	30 - 134
N-Nitrosodi-n-propylamine	ND		7510	6020		ug/Kg	☼	80	45 - 107
N-Nitrosodiphenylamine	ND		7510	6610		ug/Kg	☼	88	52 - 100
2,2'-oxybis[1-chloropropane]	ND		7510	6040		ug/Kg	☼	80	30 - 113
Pentachlorophenol	ND		15000	10400		ug/Kg	☼	69	42 - 110
Phenanthrene	41	J	7510	6530		ug/Kg	☼	86	53 - 100
Phenol	ND		7510	5680		ug/Kg	☼	76	49 - 100
Pyrene	86		7510	7180		ug/Kg	☼	94	52 - 100
1,2,4,5-Tetrachlorobenzene	ND		7510	6650		ug/Kg	☼	89	41 - 104
2,3,4,6-Tetrachlorophenol	ND		7510	6490		ug/Kg	☼	86	47 - 104
2,4,5-Trichlorophenol	ND		7510	6920		ug/Kg	☼	92	50 - 104
2,4,6-Trichlorophenol	ND		7510	6940		ug/Kg	☼	92	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*86*		*44 - 105*
2-Fluorophenol (Surr)	*84*		*48 - 105*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*
Phenol-d5 (Surr)	*81*		*46 - 105*
Terphenyl-d14 (Surr)	*91*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*101*		*34 - 108*

Lab Sample ID: 180-202501-7 MSD
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Prep Type: Total/NA
Prep Batch: 510885

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		7510	6110		ug/Kg	☼	81	50 - 100	6	20
Acenaphthylene	ND		7510	6080		ug/Kg	☼	81	52 - 100	6	20
Acetophenone	ND		7510	5520		ug/Kg	☼	73	48 - 100	5	17
Anthracene	ND		7510	6490		ug/Kg	☼	86	53 - 100	4	20
Atrazine	ND		7510	6630		ug/Kg	☼	88	49 - 103	1	19
Benzaldehyde	ND	F1	7510	995	F1	ug/Kg	☼	13	23 - 105	6	31
Benzo[a]anthracene	48	J	7510	6660		ug/Kg	☼	88	51 - 100	2	21
Benzo[a]pyrene	53	J	7510	6030		ug/Kg	☼	80	51 - 100	5	20
Benzo[b]fluoranthene	68	J	7510	5870		ug/Kg	☼	77	48 - 100	8	20
Benzo[g,h,i]perylene	42	J	7510	6950		ug/Kg	☼	92	48 - 105	5	19
Benzo[k]fluoranthene	27	J	7510	6040		ug/Kg	☼	80	19 - 100	4	20
1,1'-Biphenyl	ND		7510	6120		ug/Kg	☼	82	50 - 100	5	19
Bis(2-chloroethoxy)methane	ND		7510	4740		ug/Kg	☼	63	49 - 100	4	20
Bis(2-chloroethyl)ether	ND		7510	5090		ug/Kg	☼	68	48 - 100	6	18

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202501-7 MSD
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Prep Type: Total/NA
Prep Batch: 510885

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-ethylhexyl) phthalate	ND		7510	6820		ug/Kg	☼	91	53 - 107	7	20
4-Bromophenyl phenyl ether	ND		7510	6440		ug/Kg	☼	86	52 - 101	2	20
Butyl benzyl phthalate	ND		7510	7130		ug/Kg	☼	95	52 - 107	4	19
Caprolactam	ND		7510	5970		ug/Kg	☼	80	48 - 111	4	23
Carbazole	ND		7510	6310		ug/Kg	☼	84	53 - 100	4	20
4-Chloroaniline	ND		7510	4030		ug/Kg	☼	54	47 - 100	3	20
4-Chloro-3-methylphenol	ND		7510	6140		ug/Kg	☼	82	49 - 106	4	20
2-Chloronaphthalene	ND		7510	6090		ug/Kg	☼	81	51 - 100	7	20
2-Chlorophenol	ND		7510	5920		ug/Kg	☼	79	51 - 100	6	17
4-Chlorophenyl phenyl ether	ND		7510	6120		ug/Kg	☼	82	52 - 100	6	19
Chrysene	59	J	7510	6170		ug/Kg	☼	81	50 - 100	5	20
Dibenz(a,h)anthracene	ND		7510	6700		ug/Kg	☼	89	50 - 107	6	21
Dibenzofuran	ND		7510	6010		ug/Kg	☼	80	52 - 100	7	19
3,3'-Dichlorobenzidine	ND		7510	5240		ug/Kg	☼	70	43 - 100	5	19
2,4-Dichlorophenol	ND		7510	6510		ug/Kg	☼	87	53 - 101	4	22
Diethyl phthalate	ND		7510	5870		ug/Kg	☼	78	48 - 104	7	20
2,4-Dimethylphenol	ND		7510	5350		ug/Kg	☼	71	51 - 101	3	32
Dimethyl phthalate	ND		7510	6120		ug/Kg	☼	82	53 - 100	5	21
Di-n-butyl phthalate	ND		7510	6470		ug/Kg	☼	86	57 - 102	2	20
4,6-Dinitro-2-methylphenol	ND		15000	13000		ug/Kg	☼	87	51 - 100	2	22
2,4-Dinitrophenol	ND		15000	8860		ug/Kg	☼	59	33 - 101	3	20
2,4-Dinitrotoluene	ND		7510	7000		ug/Kg	☼	93	54 - 104	5	20
2,6-Dinitrotoluene	ND		7510	6130		ug/Kg	☼	82	51 - 106	5	20
Di-n-octyl phthalate	ND		7510	5920		ug/Kg	☼	79	41 - 106	7	18
1,4-Dioxane	ND		7510	4760		ug/Kg	☼	63	25 - 125	2	17
Fluoranthene	97		7510	6540		ug/Kg	☼	86	55 - 100	4	20
Fluorene	ND		7510	6120		ug/Kg	☼	82	52 - 100	6	19
Hexachlorobenzene	ND		7510	6480		ug/Kg	☼	86	49 - 100	3	20
Hexachlorobutadiene	ND		7510	5960		ug/Kg	☼	79	38 - 107	6	22
Hexachlorocyclopentadiene	ND	F1	7510	2230	F1	ug/Kg	☼	30	33 - 117	0	19
Hexachloroethane	ND		7510	5410		ug/Kg	☼	72	47 - 100	5	17
Indeno[1,2,3-cd]pyrene	ND		7510	6810		ug/Kg	☼	91	51 - 103	4	19
Isophorone	ND		7510	4990		ug/Kg	☼	66	48 - 105	3	20
2-Methylnaphthalene	ND		7510	6030		ug/Kg	☼	80	53 - 100	5	21
2-Methylphenol	ND		7510	5810		ug/Kg	☼	77	50 - 101	5	17
Methylphenol, 3 & 4	ND		7510	6040		ug/Kg	☼	80	50 - 103	3	19
Naphthalene	ND		7510	5910		ug/Kg	☼	79	51 - 100	4	20
2-Nitroaniline	ND		7510	5530		ug/Kg	☼	74	42 - 123	7	19
3-Nitroaniline	ND		7510	5290		ug/Kg	☼	70	50 - 103	5	20
4-Nitroaniline	ND		7510	5680		ug/Kg	☼	76	52 - 103	5	18
Nitrobenzene	ND		7510	5490		ug/Kg	☼	73	44 - 108	3	21
2-Nitrophenol	ND		7510	6780		ug/Kg	☼	90	55 - 107	4	19
4-Nitrophenol	ND		15000	9230		ug/Kg	☼	61	30 - 134	6	18
N-Nitrosodi-n-propylamine	ND		7510	5750		ug/Kg	☼	77	45 - 107	5	18
N-Nitrosodiphenylamine	ND		7510	6530		ug/Kg	☼	87	52 - 100	1	20
2,2'-oxybis[1-chloropropane]	ND		7510	5700		ug/Kg	☼	76	30 - 113	6	17
Pentachlorophenol	ND		15000	10100		ug/Kg	☼	67	42 - 110	3	20
Phenanthrene	41	J	7510	6240		ug/Kg	☼	83	53 - 100	4	20
Phenol	ND		7510	5470		ug/Kg	☼	73	49 - 100	4	16

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202501-7 MSD
Matrix: Solid
Analysis Batch: 510979

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Prep Type: Total/NA
Prep Batch: 510885

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene	86		7510	6920		ug/Kg	☼	91	52 - 100	4	20
1,2,4,5-Tetrachlorobenzene	ND		7510	6280		ug/Kg	☼	84	41 - 104	6	21
2,3,4,6-Tetrachlorophenol	ND		7510	6230		ug/Kg	☼	83	47 - 104	4	18
2,4,5-Trichlorophenol	ND		7510	6580		ug/Kg	☼	88	50 - 104	5	21
2,4,6-Trichlorophenol	ND		7510	6520		ug/Kg	☼	87	50 - 105	6	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*81*		*44 - 105*
2-Fluorophenol (Surr)	*79*		*48 - 105*
Nitrobenzene-d5 (Surr)	*73*		*46 - 105*
Phenol-d5 (Surr)	*78*		*46 - 105*
Terphenyl-d14 (Surr)	*89*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*98*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-510887/1-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510887

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1221	ND		17	5.9	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1232	ND		17	4.1	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1242	ND		17	2.4	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1248	ND		17	4.0	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1254	ND		17	5.0	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1260	ND		17	4.7	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1262	ND		17	5.9	ug/Kg		02/27/26 12:16	03/09/26 15:18	1
PCB-1268	ND		17	2.2	ug/Kg		02/27/26 12:16	03/09/26 15:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*90*		*26 - 142*	*02/27/26 12:16*	*03/09/26 15:18*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*26 - 142*	*02/27/26 12:16*	*03/09/26 15:18*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*02/27/26 12:16*	*03/09/26 15:18*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*02/27/26 12:16*	*03/09/26 15:18*	*1*

Lab Sample ID: LCS 180-510887/2-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510887

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1060		ug/Kg		79	53 - 115		
PCB-1260			1330	1010		ug/Kg		76	45 - 108		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*88*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*84*		*26 - 142*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 180-510887/2-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510887

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	96		17 - 144
Tetrachloro-m-xylene (Surr)	96		17 - 144

Lab Sample ID: 180-202501-7 MS
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Prep Type: Total/NA
Prep Batch: 510887

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		1530	1320		ug/Kg	☼	86	53 - 115
PCB-1260	ND		1530	1240		ug/Kg	☼	81	45 - 108

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	86		26 - 142
DCB Decachlorobiphenyl (Surr)	82		26 - 142
Tetrachloro-m-xylene (Surr)	98		17 - 144
Tetrachloro-m-xylene (Surr)	95		17 - 144

Lab Sample ID: 180-202501-7 MSD
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Prep Type: Total/NA
Prep Batch: 510887

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1530	1360		ug/Kg	☼	89	53 - 115	3	25
PCB-1260	ND		1530	1300		ug/Kg	☼	85	45 - 108	5	23

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	110		26 - 142
DCB Decachlorobiphenyl (Surr)	102		26 - 142
Tetrachloro-m-xylene (Surr)	101		17 - 144
Tetrachloro-m-xylene (Surr)	99		17 - 144

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-780529/1-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780529

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-780529/1-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780529

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4-PFBA	87.1		8 - 130	03/10/26 14:32	03/12/26 05:42	1
13C5-PFPeA	96.4		35 - 130	03/10/26 14:32	03/12/26 05:42	1
13C5-PFHxA	90.0		40 - 130	03/10/26 14:32	03/12/26 05:42	1
13C4-PFHpA	88.7		40 - 130	03/10/26 14:32	03/12/26 05:42	1
13C8-PFOA	83.4		40 - 130	03/10/26 14:32	03/12/26 05:42	1
13C9-PFNA	81.2		40 - 130	03/10/26 14:32	03/12/26 05:42	1
13C6-PFDA	76.2		40 - 130	03/10/26 14:32	03/12/26 05:42	1
13C7-PFUnA	75.6		40 - 130	03/10/26 14:32	03/12/26 05:42	1
13C2 PFDoA	75.9		40 - 130	03/10/26 14:32	03/12/26 05:42	1
13C2-PFTeDA	54.9		20 - 130	03/10/26 14:32	03/12/26 05:42	1
13C3-PFBS	87.6		40 - 135	03/10/26 14:32	03/12/26 05:42	1
13C3-PFHxS	83.3		40 - 130	03/10/26 14:32	03/12/26 05:42	1
13C8-PFOS	79.3		40 - 130	03/10/26 14:32	03/12/26 05:42	1
13C8-PFOSA	110		40 - 130	03/10/26 14:32	03/12/26 05:42	1
d3-NMeFOSAA	80.2		40 - 135	03/10/26 14:32	03/12/26 05:42	1
d5-NEtFOSAA	108		40 - 150	03/10/26 14:32	03/12/26 05:42	1
13C2 4:2 FTS	126		40 - 165	03/10/26 14:32	03/12/26 05:42	1
13C2 6:2 FTS	122		40 - 215	03/10/26 14:32	03/12/26 05:42	1
13C2 8:2 FTS	124		40 - 275	03/10/26 14:32	03/12/26 05:42	1
13C3-HFPO-DA	83.4		40 - 130	03/10/26 14:32	03/12/26 05:42	1
D7-NMeFOSE	55.0		20 - 130	03/10/26 14:32	03/12/26 05:42	1
D9-NEtFOSE	42.9		15 - 130	03/10/26 14:32	03/12/26 05:42	1
d5-NEtPFOSA	43.4		10 - 130	03/10/26 14:32	03/12/26 05:42	1
d3-NMePFOSA	54.5		10 - 130	03/10/26 14:32	03/12/26 05:42	1

Lab Sample ID: LCS 410-780529/2-A
Matrix: Solid
Analysis Batch: 781699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.65		ng/g		93	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.37		ng/g		95	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.42		ng/g		97	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.41		ng/g		96	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.35		ng/g		94	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.21		ng/g		89	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.51		ng/g		100	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.04		ng/g		82	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	1.87		ng/g		75	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.21		ng/g		88	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.39		ng/g		96	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.24		ng/g		101	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.28		ng/g		97	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.29		ng/g		101	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.11		ng/g		89	65 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-780529/2-A
Matrix: Solid
Analysis Batch: 781699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanesulfonic acid (PFOS)	2.33	2.10		ng/g		90	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.40		ng/g		100	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.97		ng/g		81	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.38		ng/g		93	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.44		ng/g		93	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.49		ng/g		94	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.28		ng/g		91	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.54		ng/g		101	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.61		ng/g		104	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.32		ng/g		93	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.25		ng/g		90	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.8		ng/g		94	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	10.6		ng/g		85	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.96		ng/g		104	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.35		ng/g		99	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.18		ng/g		87	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.58		ng/g		103	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.66		ng/g		107	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.20		ng/g		94	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	2.20		ng/g		93	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	1.98		ng/g		89	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.84		ng/g		97	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	10.2		ng/g		81	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	9.43		ng/g		75	60 - 150
Perfluorodecanesulfonic acid (PFDS)	2.41	1.98		ng/g		82	40 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4-PFBA	*90.5*		*8 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-780529/2-A
Matrix: Solid
Analysis Batch: 781699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C5-PFPeA	*107*		*35 - 130*
13C5-PFHxA	*108*		*40 - 130*
13C4-PFHpA	*108*		*40 - 130*
13C8-PFOA	*85.4*		*40 - 130*
13C9-PFNA	*83.4*		*40 - 130*
13C6-PFDA	*81.1*		*40 - 130*
13C7-PFUnA	*77.9*		*40 - 130*
13C2 PFDoA	*75.6*		*40 - 130*
13C2-PFTeDA	*71.1*		*20 - 130*
13C3-PFBS	*90.8*		*40 - 135*
13C3-PFHxS	*89.6*		*40 - 130*
13C8-PFOS	*88.8*		*40 - 130*
13C8-PFOSA	*78.2*		*40 - 130*
d3-NMeFOSAA	*74.2*		*40 - 135*
d5-NEtFOSAA	*71.4*		*40 - 150*
13C2 4:2 FTS	*97.0*		*40 - 165*
13C2 6:2 FTS	*96.8*		*40 - 215*
13C2 8:2 FTS	*81.4*		*40 - 275*
13C3-HFPO-DA	*106*		*40 - 130*
D7-NMeFOSE	*55.1*		*20 - 130*
D9-NEtFOSE	*58.6*		*15 - 130*
d5-NEtPFOSA	*67.2*		*10 - 130*
d3-NMePFOSA	*69.8*		*10 - 130*

Lab Sample ID: LLCS 410-780529/3-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.451		ng/g		90	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.222		ng/g		89	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.255		ng/g		102	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.219		ng/g		87	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.227		ng/g		91	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.229		ng/g		92	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.224		ng/g		90	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.221		ng/g		88	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.240		ng/g		96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.225		ng/g		90	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.213		ng/g		85	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.203		ng/g		91	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.205		ng/g		87	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.200		ng/g		88	60 - 150

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-780529/3-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.225		ng/g		94	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.210		ng/g		90	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.212		ng/g		88	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.129	J	ng/g		53	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.421		ng/g		90	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.424		ng/g		89	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.470		ng/g		98	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.249		ng/g		100	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.263		ng/g		105	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.239		ng/g		96	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.247		ng/g		99	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.240		ng/g		96	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.17		ng/g		93	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.22		ng/g		98	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.201		ng/g		107	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.233		ng/g		99	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.206		ng/g		82	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.252		ng/g		101	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.249		ng/g		100	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.191	J	ng/g		82	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.169	J	ng/g		72	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.235		ng/g		105	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.556		ng/g		111	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.02		ng/g		81	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	0.752	J	ng/g		60	60 - 150
Perfluorodecanesulfonic acid (PFDS)	0.241	0.201		ng/g		84	40 - 155

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C4-PFBA	92.9		8 - 130
13C5-PFPeA	95.6		35 - 130
13C5-PFHxA	91.4		40 - 130
13C4-PFHpA	93.6		40 - 130
13C8-PFOA	89.8		40 - 130
13C9-PFNA	90.4		40 - 130
13C6-PFDA	91.8		40 - 130
13C7-PFUnA	97.1		40 - 130
13C2 PFDoA	96.6		40 - 130
13C2-PFTeDA	77.7		20 - 130
13C3-PFBS	93.5		40 - 135
13C3-PFHxS	92.3		40 - 130
13C8-PFOS	103		40 - 130
13C8-PFOSA	114		40 - 130
d3-NMeFOSAA	83.9		40 - 135
d5-NEtFOSAA	115		40 - 150
13C2 4:2 FTS	122		40 - 165
13C2 6:2 FTS	120		40 - 215
13C2 8:2 FTS	118		40 - 275
13C3-HFPO-DA	85.6		40 - 130
D7-NMeFOSE	65.2		20 - 130
D9-NEtFOSE	45.9		15 - 130
d5-NEtPFOSA	63.1		10 - 130
d3-NMePFOSA	69.9		10 - 130

Method: EPA 6010D - Metals (ICP)

Lab Sample ID: MB 410-778996/1-A
Matrix: Solid
Analysis Batch: 779877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		30	9.0	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Antimony	ND		5.0	1.7	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Arsenic	ND		5.0	1.4	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Barium	ND		0.50	0.15	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Beryllium	ND		0.50	0.10	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Cadmium	ND		0.50	0.10	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Calcium	ND		50	21	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Chromium	ND		1.5	0.60	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Cobalt	ND		0.50	0.15	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Copper	ND		2.0	0.77	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Iron	ND		20	8.0	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Lead	ND		1.5	0.60	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Magnesium	6.82	J	20	4.0	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Manganese	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Nickel	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Potassium	ND		100	35	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Selenium	ND		5.0	1.5	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Silver	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Sodium	ND		100	40	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Thallium	ND		3.0	1.3	mg/Kg		03/07/26 07:30	03/09/26 12:32	1

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 410-778996/1-A
Matrix: Solid
Analysis Batch: 779877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		1.0	0.43	mg/Kg		03/07/26 07:30	03/09/26 12:32	1
Zinc	ND		2.0	0.80	mg/Kg		03/07/26 07:30	03/09/26 12:32	1

Lab Sample ID: LCS 410-778996/2-A
Matrix: Solid
Analysis Batch: 779877

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	491		mg/Kg		98	88 - 110
Antimony	10.0	10.0		mg/Kg		100	80 - 120
Arsenic	50.0	49.5		mg/Kg		99	87 - 113
Barium	50.0	51.1		mg/Kg		102	90 - 111
Beryllium	5.00	5.24		mg/Kg		105	90 - 113
Cadmium	5.00	5.07		mg/Kg		101	90 - 110
Calcium	500	515		mg/Kg		103	90 - 111
Chromium	50.0	51.1		mg/Kg		102	90 - 113
Cobalt	50.0	50.8		mg/Kg		102	90 - 110
Copper	50.0	49.5		mg/Kg		99	90 - 110
Iron	500	494		mg/Kg		99	89 - 111
Magnesium	500	488		mg/Kg		98	89 - 111
Manganese	50.0	50.1		mg/Kg		100	90 - 111
Nickel	50.0	51.5		mg/Kg		103	90 - 111
Potassium	500	480		mg/Kg		96	88 - 113
Selenium	10.0	11.1		mg/Kg		111	80 - 119
Silver	5.00	5.04		mg/Kg		101	85 - 112
Sodium	500	490		mg/Kg		98	88 - 114
Thallium	10.0	9.38		mg/Kg		94	80 - 120
Vanadium	50.0	49.3		mg/Kg		99	90 - 111
Zinc	50.0	49.8		mg/Kg		100	90 - 110

Lab Sample ID: LCS 410-778996/2-A
Matrix: Solid
Analysis Batch: 781898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	5.00	5.13		mg/Kg		103	85 - 117

Lab Sample ID: 180-202501-7 MS
Matrix: Solid
Analysis Batch: 779877

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Prep Type: Total/NA
Prep Batch: 778996

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	11000		535	15900	4	mg/Kg	☼	996	75 - 125
Antimony	ND	F1	10.7	6.45	F1	mg/Kg	☼	60	75 - 125
Arsenic	6.4		53.5	57.1		mg/Kg	☼	95	75 - 125
Barium	71	F1	53.5	139	F1	mg/Kg	☼	126	75 - 125
Beryllium	0.50	J	5.35	5.95		mg/Kg	☼	102	75 - 125
Cadmium	0.17	J	5.35	5.05		mg/Kg	☼	91	75 - 125
Calcium	21000		535	19300	4	mg/Kg	☼	-248	75 - 125

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-202501-7 MS
Matrix: Solid
Analysis Batch: 779877

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Prep Type: Total/NA
Prep Batch: 778996

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	15		53.5	69.8		mg/Kg	☼	103	75 - 125
Cobalt	8.2		53.5	58.0		mg/Kg	☼	93	75 - 125
Copper	22		53.5	77.2		mg/Kg	☼	103	75 - 125
Iron	20000		535	21900	4	mg/Kg	☼	306	75 - 125
Lead	18		5.35	24.4		mg/Kg	☼	114	75 - 125
Magnesium	5500	B	535	5740	4	mg/Kg	☼	49	75 - 125
Manganese	410		53.5	473	4	mg/Kg	☼	111	75 - 125
Nickel	20		53.5	69.4		mg/Kg	☼	93	75 - 125
Potassium	1400	F1	535	3210	F1	mg/Kg	☼	344	75 - 125
Selenium	ND		10.7	10.6		mg/Kg	☼	99	75 - 125
Silver	ND		5.35	5.28		mg/Kg	☼	99	75 - 125
Sodium	65	J	535	602		mg/Kg	☼	100	75 - 125
Thallium	ND		10.7	10.3		mg/Kg	☼	96	75 - 125
Vanadium	15		53.5	73.4		mg/Kg	☼	108	75 - 125
Zinc	75		53.5	119		mg/Kg	☼	82	75 - 125

Lab Sample ID: 180-202501-7 MSD
Matrix: Solid
Analysis Batch: 779877

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Prep Type: Total/NA
Prep Batch: 778996

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	11000		578	16500	4	mg/Kg	☼	1035	75 - 125	4	20
Antimony	ND	F1	11.6	6.22	F1	mg/Kg	☼	54	75 - 125	4	20
Arsenic	6.4		57.8	61.4		mg/Kg	☼	95	75 - 125	7	20
Barium	71	F1	57.8	147	F1	mg/Kg	☼	130	75 - 125	6	20
Beryllium	0.50	J	5.78	6.14		mg/Kg	☼	98	75 - 125	3	20
Cadmium	0.17	J	5.78	5.42		mg/Kg	☼	91	75 - 125	7	20
Calcium	21000		578	21400	4	mg/Kg	☼	149	75 - 125	11	20
Chromium	15		57.8	73.4		mg/Kg	☼	102	75 - 125	5	20
Cobalt	8.2		57.8	61.7		mg/Kg	☼	92	75 - 125	6	20
Copper	22		57.8	74.8		mg/Kg	☼	91	75 - 125	3	20
Iron	20000		578	21300	4	mg/Kg	☼	172	75 - 125	3	20
Lead	18		5.78	24.1		mg/Kg	☼	102	75 - 125	1	20
Magnesium	5500	B	578	6890	4	mg/Kg	☼	246	75 - 125	18	20
Manganese	410		57.8	476	4	mg/Kg	☼	108	75 - 125	1	20
Nickel	20		57.8	73.8		mg/Kg	☼	94	75 - 125	6	20
Potassium	1400	F1	578	3600	F1	mg/Kg	☼	387	75 - 125	12	20
Selenium	ND		11.6	10.3		mg/Kg	☼	89	75 - 125	3	20
Silver	ND		5.78	5.50		mg/Kg	☼	95	75 - 125	4	20
Sodium	65	J	578	637		mg/Kg	☼	99	75 - 125	6	20
Thallium	ND		11.6	11.5		mg/Kg	☼	100	75 - 125	11	20
Vanadium	15		57.8	76.3		mg/Kg	☼	105	75 - 125	4	20
Zinc	75		57.8	129		mg/Kg	☼	93	75 - 125	8	20

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-202501-7 DU
Matrix: Solid
Analysis Batch: 779877

Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Prep Type: Total/NA
Prep Batch: 778996

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	11000		11100		mg/Kg	☼	6	20
Antimony	ND	F1	ND		mg/Kg	☼	NC	20
Arsenic	6.4		5.90		mg/Kg	☼	7	20
Barium	71	F1	74.2		mg/Kg	☼	4	20
Beryllium	0.50	J	0.536	J	mg/Kg	☼	7	20
Cadmium	0.17	J	0.139	J	mg/Kg	☼	20	20
Calcium	21000		29100	F3	mg/Kg	☼	34	20
Chromium	15		15.2		mg/Kg	☼	4	20
Cobalt	8.2		8.08		mg/Kg	☼	2	20
Copper	22		22.6		mg/Kg	☼	2	20
Iron	20000		21100		mg/Kg	☼	4	20
Lead	18		18.0		mg/Kg	☼	1	20
Magnesium	5500	B	5360		mg/Kg	☼	2	20
Manganese	410		482		mg/Kg	☼	15	20
Nickel	20		20.1		mg/Kg	☼	2	20
Potassium	1400	F1	1430		mg/Kg	☼	4	20
Selenium	ND		ND		mg/Kg	☼	NC	20
Silver	ND		ND		mg/Kg	☼	NC	20
Sodium	65	J	64.0	J	mg/Kg	☼	2	20
Thallium	ND		ND		mg/Kg	☼	NC	20
Vanadium	15		16.2		mg/Kg	☼	5	20
Zinc	75		74.3		mg/Kg	☼	1	20

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-779061/1-A
Matrix: Solid
Analysis Batch: 780087

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/09/26 10:45	03/09/26 19:07	1

Lab Sample ID: LCS 410-779061/2-A
Matrix: Solid
Analysis Batch: 780087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 779061

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.172		mg/Kg		103	80 - 120

Lab Sample ID: MB 410-779073/1-A
Matrix: Solid
Analysis Batch: 780087

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 779073

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/09/26 15:02	03/09/26 21:20	1

Method: EPA 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 410-779073/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 780087
Prep Batch: 779073

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.167	0.167		mg/Kg		100	80 - 120		

Lab Sample ID: 180-202501-7 MS
Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 780087
Prep Batch: 779073

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.046	J	0.183	0.249		mg/Kg	☼	111	80 - 120		

Lab Sample ID: 180-202501-7 MSD
Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 780087
Prep Batch: 779073

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.046	J	0.186	0.253		mg/Kg	☼	111	80 - 120	2	20

Lab Sample ID: 180-202501-7 DU
Client Sample ID: SSHS-IRM5A2-SCV119-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 780087
Prep Batch: 779073

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.046	J		0.0381	J	mg/Kg	☼			20	20

Method: Moisture - Percent Moisture

Lab Sample ID: 180-202501-2 DU
Client Sample ID: SSHS-IRM5A2-SCV118-0-0.17
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510999

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	13.8			13.8		%				0.7	10
Percent Solids	86.2			86.2		%				0.1	10

Lab Sample ID: 180-202501-15 DU
Client Sample ID: SSHS-IRM5A2-SCV122-0-0.17
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510999

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	15.8			15.6		%				0.8	10
Percent Solids	84.2			84.4		%				0.2	10

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202501-1
Project/Site: Former Sperry Remington - NAF SCV

GC/MS VOA

Prep Batch: 783020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-1	SSHS-IRM5A2-SCV-DUP-07	Total/NA	Solid	5035	
180-202501-5	SSHS-IRM5A2-SCV118-0.5-1	Total/NA	Solid	5035	
180-202501-11	SSHS-IRM5A2-SCV120-0.5-1	Total/NA	Solid	5035	
180-202501-14	SSHS-IRM5A2-SCV121-0.5-1	Total/NA	Solid	5035	
180-202501-11 MS	SSHS-IRM5A2-SCV120-0.5-1	Total/NA	Solid	5035	
180-202501-11 MSD	SSHS-IRM5A2-SCV120-0.5-1	Total/NA	Solid	5035	
180-202501-14 MS	SSHS-IRM5A2-SCV121-0.5-1	Total/NA	Solid	5035	
180-202501-14 MSD	SSHS-IRM5A2-SCV121-0.5-1	Total/NA	Solid	5035	

Analysis Batch: 783114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-1	SSHS-IRM5A2-SCV-DUP-07	Total/NA	Solid	EPA 8260D	783020
180-202501-5	SSHS-IRM5A2-SCV118-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202501-11	SSHS-IRM5A2-SCV120-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202501-14	SSHS-IRM5A2-SCV121-0.5-1	Total/NA	Solid	EPA 8260D	783020
MB 410-783114/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-783114/4	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-783114/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	
180-202501-11 MS	SSHS-IRM5A2-SCV120-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202501-11 MSD	SSHS-IRM5A2-SCV120-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202501-14 MS	SSHS-IRM5A2-SCV121-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202501-14 MSD	SSHS-IRM5A2-SCV121-0.5-1	Total/NA	Solid	EPA 8260D	783020

GC/MS Semi VOA

Prep Batch: 510885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-2	SSHS-IRM5A2-SCV118-0-0.17	Total/NA	Solid	3541	
180-202501-3	SSHS-IRM5A2-SCV118-0.17-1	Total/NA	Solid	3541	
180-202501-4	SSHS-IRM5A2-SCV-DUP-01	Total/NA	Solid	3541	
180-202501-6	SSHS-IRM5A2-SCV119-0-0.17	Total/NA	Solid	3541	
180-202501-7	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	3541	
180-202501-8	SSHS-IRM5A2-SCV120-0-0.17	Total/NA	Solid	3541	
180-202501-9	SSHS-IRM5A2-SCV120-0.17-1	Total/NA	Solid	3541	
180-202501-10	SSHS-IRM5A2-SCV-DUP-03	Total/NA	Solid	3541	
180-202501-12	SSHS-IRM5A2-SCV121-0-0.17	Total/NA	Solid	3541	
180-202501-13	SSHS-IRM5A2-SCV121-0.17-1	Total/NA	Solid	3541	
180-202501-15	SSHS-IRM5A2-SCV122-0-0.17	Total/NA	Solid	3541	
180-202501-16	SSHS-IRM5A2-SCV122-0.17-1	Total/NA	Solid	3541	
180-202501-17	SSHS-IRM5A2-SCV-DUP-08	Total/NA	Solid	3541	
180-202501-19	SSHS-IRM5A2-SCV123-0-0.17	Total/NA	Solid	3541	
180-202501-20	SSHS-IRM5A2-SCV123-0.17-1	Total/NA	Solid	3541	
MB 180-510885/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510885/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202501-7 MS	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	3541	
180-202501-7 MSD	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	3541	

Analysis Batch: 510979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-2	SSHS-IRM5A2-SCV118-0-0.17	Total/NA	Solid	EPA 8270E	510885
180-202501-3	SSHS-IRM5A2-SCV118-0.17-1	Total/NA	Solid	EPA 8270E	510885

GC/MS Semi VOA (Continued)

Analysis Batch: 510979 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-7	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 8270E	510885
MB 180-510885/1-A	Method Blank	Total/NA	Solid	EPA 8270E	510885
LCS 180-510885/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	510885
180-202501-7 MS	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 8270E	510885
180-202501-7 MSD	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 8270E	510885

Analysis Batch: 510986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-4	SSHS-IRM5A2-SCV-DUP-01	Total/NA	Solid	EPA 8270E	510885
180-202501-6	SSHS-IRM5A2-SCV119-0-0.17	Total/NA	Solid	EPA 8270E	510885
180-202501-8	SSHS-IRM5A2-SCV120-0-0.17	Total/NA	Solid	EPA 8270E	510885
180-202501-9	SSHS-IRM5A2-SCV120-0.17-1	Total/NA	Solid	EPA 8270E	510885
180-202501-10	SSHS-IRM5A2-SCV-DUP-03	Total/NA	Solid	EPA 8270E	510885
180-202501-12	SSHS-IRM5A2-SCV121-0-0.17	Total/NA	Solid	EPA 8270E	510885
180-202501-13	SSHS-IRM5A2-SCV121-0.17-1	Total/NA	Solid	EPA 8270E	510885
180-202501-15	SSHS-IRM5A2-SCV122-0-0.17	Total/NA	Solid	EPA 8270E	510885
180-202501-16	SSHS-IRM5A2-SCV122-0.17-1	Total/NA	Solid	EPA 8270E	510885
180-202501-17	SSHS-IRM5A2-SCV-DUP-08	Total/NA	Solid	EPA 8270E	510885
180-202501-19	SSHS-IRM5A2-SCV123-0-0.17	Total/NA	Solid	EPA 8270E	510885
180-202501-20	SSHS-IRM5A2-SCV123-0.17-1	Total/NA	Solid	EPA 8270E	510885

GC Semi VOA

Prep Batch: 510887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-2	SSHS-IRM5A2-SCV118-0-0.17	Total/NA	Solid	3541	
180-202501-3	SSHS-IRM5A2-SCV118-0.17-1	Total/NA	Solid	3541	
180-202501-4	SSHS-IRM5A2-SCV-DUP-01	Total/NA	Solid	3541	
180-202501-6	SSHS-IRM5A2-SCV119-0-0.17	Total/NA	Solid	3541	
180-202501-7	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	3541	
180-202501-8	SSHS-IRM5A2-SCV120-0-0.17	Total/NA	Solid	3541	
180-202501-9	SSHS-IRM5A2-SCV120-0.17-1	Total/NA	Solid	3541	
180-202501-10	SSHS-IRM5A2-SCV-DUP-03	Total/NA	Solid	3541	
180-202501-12	SSHS-IRM5A2-SCV121-0-0.17	Total/NA	Solid	3541	
180-202501-13	SSHS-IRM5A2-SCV121-0.17-1	Total/NA	Solid	3541	
180-202501-15	SSHS-IRM5A2-SCV122-0-0.17	Total/NA	Solid	3541	
180-202501-16	SSHS-IRM5A2-SCV122-0.17-1	Total/NA	Solid	3541	
180-202501-17	SSHS-IRM5A2-SCV-DUP-08	Total/NA	Solid	3541	
180-202501-19	SSHS-IRM5A2-SCV123-0-0.17	Total/NA	Solid	3541	
180-202501-20	SSHS-IRM5A2-SCV123-0.17-1	Total/NA	Solid	3541	
MB 180-510887/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510887/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202501-7 MS	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	3541	
180-202501-7 MSD	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	3541	

Analysis Batch: 510964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-2	SSHS-IRM5A2-SCV118-0-0.17	Total/NA	Solid	EPA 8082A	510887
180-202501-3	SSHS-IRM5A2-SCV118-0.17-1	Total/NA	Solid	EPA 8082A	510887
180-202501-4	SSHS-IRM5A2-SCV-DUP-01	Total/NA	Solid	EPA 8082A	510887
180-202501-6	SSHS-IRM5A2-SCV119-0-0.17	Total/NA	Solid	EPA 8082A	510887

GC Semi VOA (Continued)

Analysis Batch: 510964 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-7	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 8082A	510887
180-202501-8	SSHS-IRM5A2-SCV120-0-0.17	Total/NA	Solid	EPA 8082A	510887
180-202501-9	SSHS-IRM5A2-SCV120-0.17-1	Total/NA	Solid	EPA 8082A	510887
180-202501-10	SSHS-IRM5A2-SCV-DUP-03	Total/NA	Solid	EPA 8082A	510887
180-202501-12	SSHS-IRM5A2-SCV121-0-0.17	Total/NA	Solid	EPA 8082A	510887
180-202501-13	SSHS-IRM5A2-SCV121-0.17-1	Total/NA	Solid	EPA 8082A	510887
180-202501-15	SSHS-IRM5A2-SCV122-0-0.17	Total/NA	Solid	EPA 8082A	510887
180-202501-16	SSHS-IRM5A2-SCV122-0.17-1	Total/NA	Solid	EPA 8082A	510887
180-202501-17	SSHS-IRM5A2-SCV-DUP-08	Total/NA	Solid	EPA 8082A	510887
180-202501-19	SSHS-IRM5A2-SCV123-0-0.17	Total/NA	Solid	EPA 8082A	510887
180-202501-20	SSHS-IRM5A2-SCV123-0.17-1	Total/NA	Solid	EPA 8082A	510887
MB 180-510887/1-A	Method Blank	Total/NA	Solid	EPA 8082A	510887
LCS 180-510887/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	510887
180-202501-7 MS	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 8082A	510887
180-202501-7 MSD	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 8082A	510887

LCMS

Prep Batch: 780529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-9	SSHS-IRM5A2-SCV120-0.17-1	Total/NA	Solid	1633A	
180-202501-10	SSHS-IRM5A2-SCV-DUP-03	Total/NA	Solid	1633A	
180-202501-12	SSHS-IRM5A2-SCV121-0-0.17	Total/NA	Solid	1633A	
MB 410-780529/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-780529/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-780529/3-A	Lab Control Sample	Total/NA	Solid	1633A	

Analysis Batch: 781416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-9	SSHS-IRM5A2-SCV120-0.17-1	Total/NA	Solid	1633A	780529
180-202501-10	SSHS-IRM5A2-SCV-DUP-03	Total/NA	Solid	1633A	780529
180-202501-12	SSHS-IRM5A2-SCV121-0-0.17	Total/NA	Solid	1633A	780529
MB 410-780529/1-A	Method Blank	Total/NA	Solid	1633A	780529
LLCS 410-780529/3-A	Lab Control Sample	Total/NA	Solid	1633A	780529

Analysis Batch: 781699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-780529/2-A	Lab Control Sample	Total/NA	Solid	1633A	780529

Metals

Prep Batch: 778996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-2	SSHS-IRM5A2-SCV118-0-0.17	Total/NA	Solid	3050B	
180-202501-3	SSHS-IRM5A2-SCV118-0.17-1	Total/NA	Solid	3050B	
180-202501-4	SSHS-IRM5A2-SCV-DUP-01	Total/NA	Solid	3050B	
180-202501-6	SSHS-IRM5A2-SCV119-0-0.17	Total/NA	Solid	3050B	
180-202501-7	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	3050B	
180-202501-8	SSHS-IRM5A2-SCV120-0-0.17	Total/NA	Solid	3050B	
180-202501-9	SSHS-IRM5A2-SCV120-0.17-1	Total/NA	Solid	3050B	
180-202501-10	SSHS-IRM5A2-SCV-DUP-03	Total/NA	Solid	3050B	
180-202501-12	SSHS-IRM5A2-SCV121-0-0.17	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 778996 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-13	SSHS-IRM5A2-SCV121-0.17-1	Total/NA	Solid	3050B	
180-202501-15	SSHS-IRM5A2-SCV122-0-0.17	Total/NA	Solid	3050B	
180-202501-16	SSHS-IRM5A2-SCV122-0.17-1	Total/NA	Solid	3050B	
180-202501-17	SSHS-IRM5A2-SCV-DUP-08	Total/NA	Solid	3050B	
180-202501-19	SSHS-IRM5A2-SCV123-0-0.17	Total/NA	Solid	3050B	
180-202501-20	SSHS-IRM5A2-SCV123-0.17-1	Total/NA	Solid	3050B	
MB 410-778996/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-778996/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-202501-7 MS	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	3050B	
180-202501-7 MSD	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	3050B	
180-202501-7 DU	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	3050B	

Prep Batch: 779061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-9	SSHS-IRM5A2-SCV120-0.17-1	Total/NA	Solid	7471B	
MB 410-779061/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-779061/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 779073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-2	SSHS-IRM5A2-SCV118-0-0.17	Total/NA	Solid	7471B	
180-202501-3	SSHS-IRM5A2-SCV118-0.17-1	Total/NA	Solid	7471B	
180-202501-4	SSHS-IRM5A2-SCV-DUP-01	Total/NA	Solid	7471B	
180-202501-6	SSHS-IRM5A2-SCV119-0-0.17	Total/NA	Solid	7471B	
180-202501-7	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	7471B	
180-202501-8	SSHS-IRM5A2-SCV120-0-0.17	Total/NA	Solid	7471B	
180-202501-10	SSHS-IRM5A2-SCV-DUP-03	Total/NA	Solid	7471B	
180-202501-12	SSHS-IRM5A2-SCV121-0-0.17	Total/NA	Solid	7471B	
180-202501-13	SSHS-IRM5A2-SCV121-0.17-1	Total/NA	Solid	7471B	
180-202501-15	SSHS-IRM5A2-SCV122-0-0.17	Total/NA	Solid	7471B	
180-202501-16	SSHS-IRM5A2-SCV122-0.17-1	Total/NA	Solid	7471B	
180-202501-17	SSHS-IRM5A2-SCV-DUP-08	Total/NA	Solid	7471B	
180-202501-19	SSHS-IRM5A2-SCV123-0-0.17	Total/NA	Solid	7471B	
180-202501-20	SSHS-IRM5A2-SCV123-0.17-1	Total/NA	Solid	7471B	
MB 410-779073/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-779073/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-202501-7 MS	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	7471B	
180-202501-7 MSD	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	7471B	
180-202501-7 DU	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	7471B	

Analysis Batch: 779877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-2	SSHS-IRM5A2-SCV118-0-0.17	Total/NA	Solid	EPA 6010D	778996
180-202501-3	SSHS-IRM5A2-SCV118-0.17-1	Total/NA	Solid	EPA 6010D	778996
180-202501-4	SSHS-IRM5A2-SCV-DUP-01	Total/NA	Solid	EPA 6010D	778996
180-202501-6	SSHS-IRM5A2-SCV119-0-0.17	Total/NA	Solid	EPA 6010D	778996
180-202501-7	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 6010D	778996
180-202501-8	SSHS-IRM5A2-SCV120-0-0.17	Total/NA	Solid	EPA 6010D	778996
180-202501-9	SSHS-IRM5A2-SCV120-0.17-1	Total/NA	Solid	EPA 6010D	778996
180-202501-10	SSHS-IRM5A2-SCV-DUP-03	Total/NA	Solid	EPA 6010D	778996
180-202501-12	SSHS-IRM5A2-SCV121-0-0.17	Total/NA	Solid	EPA 6010D	778996

Metals (Continued)

Analysis Batch: 779877 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-13	SSHS-IRM5A2-SCV121-0.17-1	Total/NA	Solid	EPA 6010D	778996
180-202501-15	SSHS-IRM5A2-SCV122-0-0.17	Total/NA	Solid	EPA 6010D	778996
180-202501-16	SSHS-IRM5A2-SCV122-0.17-1	Total/NA	Solid	EPA 6010D	778996
180-202501-17	SSHS-IRM5A2-SCV-DUP-08	Total/NA	Solid	EPA 6010D	778996
180-202501-19	SSHS-IRM5A2-SCV123-0-0.17	Total/NA	Solid	EPA 6010D	778996
180-202501-20	SSHS-IRM5A2-SCV123-0.17-1	Total/NA	Solid	EPA 6010D	778996
MB 410-778996/1-A	Method Blank	Total/NA	Solid	EPA 6010D	778996
LCS 410-778996/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778996
180-202501-7 MS	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 6010D	778996
180-202501-7 MSD	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 6010D	778996
180-202501-7 DU	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 6010D	778996

Analysis Batch: 780087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-2	SSHS-IRM5A2-SCV118-0-0.17	Total/NA	Solid	EPA 7471B	779073
180-202501-3	SSHS-IRM5A2-SCV118-0.17-1	Total/NA	Solid	EPA 7471B	779073
180-202501-4	SSHS-IRM5A2-SCV-DUP-01	Total/NA	Solid	EPA 7471B	779073
180-202501-6	SSHS-IRM5A2-SCV119-0-0.17	Total/NA	Solid	EPA 7471B	779073
180-202501-7	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 7471B	779073
180-202501-8	SSHS-IRM5A2-SCV120-0-0.17	Total/NA	Solid	EPA 7471B	779073
180-202501-9	SSHS-IRM5A2-SCV120-0.17-1	Total/NA	Solid	EPA 7471B	779061
180-202501-10	SSHS-IRM5A2-SCV-DUP-03	Total/NA	Solid	EPA 7471B	779073
180-202501-12	SSHS-IRM5A2-SCV121-0-0.17	Total/NA	Solid	EPA 7471B	779073
180-202501-13	SSHS-IRM5A2-SCV121-0.17-1	Total/NA	Solid	EPA 7471B	779073
180-202501-15	SSHS-IRM5A2-SCV122-0-0.17	Total/NA	Solid	EPA 7471B	779073
180-202501-16	SSHS-IRM5A2-SCV122-0.17-1	Total/NA	Solid	EPA 7471B	779073
180-202501-17	SSHS-IRM5A2-SCV-DUP-08	Total/NA	Solid	EPA 7471B	779073
180-202501-19	SSHS-IRM5A2-SCV123-0-0.17	Total/NA	Solid	EPA 7471B	779073
180-202501-20	SSHS-IRM5A2-SCV123-0.17-1	Total/NA	Solid	EPA 7471B	779073
MB 410-779061/1-A	Method Blank	Total/NA	Solid	EPA 7471B	779061
MB 410-779073/1-A	Method Blank	Total/NA	Solid	EPA 7471B	779073
LCS 410-779061/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	779061
LCS 410-779073/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	779073
180-202501-7 MS	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 7471B	779073
180-202501-7 MSD	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 7471B	779073
180-202501-7 DU	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	EPA 7471B	779073

Analysis Batch: 781898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-778996/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778996

General Chemistry

Analysis Batch: 510999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-2	SSHS-IRM5A2-SCV118-0-0.17	Total/NA	Solid	Moisture	
180-202501-3	SSHS-IRM5A2-SCV118-0.17-1	Total/NA	Solid	Moisture	
180-202501-4	SSHS-IRM5A2-SCV-DUP-01	Total/NA	Solid	Moisture	
180-202501-6	SSHS-IRM5A2-SCV119-0-0.17	Total/NA	Solid	Moisture	
180-202501-7	SSHS-IRM5A2-SCV119-0.17-1	Total/NA	Solid	Moisture	
180-202501-8	SSHS-IRM5A2-SCV120-0-0.17	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 510999 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-9	SSHS-IRM5A2-SCV120-0.17-1	Total/NA	Solid	Moisture	
180-202501-10	SSHS-IRM5A2-SCV-DUP-03	Total/NA	Solid	Moisture	
180-202501-12	SSHS-IRM5A2-SCV121-0-0.17	Total/NA	Solid	Moisture	
180-202501-13	SSHS-IRM5A2-SCV121-0.17-1	Total/NA	Solid	Moisture	
180-202501-15	SSHS-IRM5A2-SCV122-0-0.17	Total/NA	Solid	Moisture	
180-202501-16	SSHS-IRM5A2-SCV122-0.17-1	Total/NA	Solid	Moisture	
180-202501-17	SSHS-IRM5A2-SCV-DUP-08	Total/NA	Solid	Moisture	
180-202501-19	SSHS-IRM5A2-SCV123-0-0.17	Total/NA	Solid	Moisture	
180-202501-20	SSHS-IRM5A2-SCV123-0.17-1	Total/NA	Solid	Moisture	
180-202501-2 DU	SSHS-IRM5A2-SCV118-0-0.17	Total/NA	Solid	Moisture	
180-202501-15 DU	SSHS-IRM5A2-SCV122-0-0.17	Total/NA	Solid	Moisture	

Analysis Batch: 778736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202501-1	SSHS-IRM5A2-SCV-DUP-07	Total/NA	Solid	Moisture	
180-202501-5	SSHS-IRM5A2-SCV118-0.5-1	Total/NA	Solid	Moisture	
180-202501-11	SSHS-IRM5A2-SCV120-0.5-1	Total/NA	Solid	Moisture	
180-202501-14	SSHS-IRM5A2-SCV121-0.5-1	Total/NA	Solid	Moisture	
180-202501-18	SSHS-IRM5A2-SCV122-0.5-1	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC2

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: Geosyntec Consultants, Inc	Due Date Requested:			
City: Minneapolis	TAT Requested (days): Standard			
State, Zip: MN, 55401				
Phone: 920-676-4194	PO #: 26008081-17847			
Email	WO #:			
Project Name: Former Sperry Remington	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code				N	N	N	N	N								
SSHS-IRM5A2-SCV-DUP-07	3/3/26	--	C	S	N	N	X											4	
SSHS-IRM5A2-SCV118-0-0.17	3/3/26	1000	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV118-0.17-1	3/3/26	1005	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV-DUP-01	3/3/26	--	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV118-0.5-1	3/3/26	1005	C	S	N	N	X											4	
SSHS-IRM5A2-SCV119-0-0.17	3/3/26	1015	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV119-0.17-1	3/3/26	1020	C	S	N	Y		X	X	X								4	
SSHS-IRM5A2-SCV120-0-0.17	3/3/26	1025	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV120-0.17-1	3/3/26	1030	C	S	N	N		X	X	X	X							3	
SSHS-IRM5A2-SCV-DUP-03	3/3/26	--	C	S	N	N		X	X	X	X							3	
SSHS-IRM5A2-SCV120-0.5-1	3/3/26	1030	C	S	N	Y	X											12	
SSHS-IRM5A2-SCV121-0-0.17	3/3/26	1040	C	S	N	N		X	X	X	X							3	

180-202501 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date.	Time	Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:	3-3-26 1545	Geosyntec			
Relinquished by:	Date/Time	Company	Received by:	Date/Time: 3/4/26 0930	EPTNE
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

3/20/2026

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC2

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: Geosyntec Consultants, Inc.	Due Date Requested:
City: Minneapolis	TAT Requested (days): Standard
State, Zip: MN, 55401	
Phone: 920-676-4194	PO #: 26008081-17847
Email	WO #:
Project Name: Former Sperry Remington	Project #: 18013464
Site	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N									
SSHS-IRM5A2-SCV121-0.17-1	3/3/26	1045	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV121-0.5-1	3/3/26	1045	C	S	N	Y	X												12	
SSHS-IRM5A2-SCV122-0-0.17	3/3/26	1055	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV122-0.17-1	3/3/26	1100	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV-DUP-08	3/3/26	--	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV122-0.5-1	3/3/26	1100	C	S	N	N	X												4	
SSHS-IRM5A2-SCV123-0-0.17	3/3/26	1105	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV123-0.17-1	3/3/26	1110	C	S	N	N		X	X	X									2	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:
Relinquished by:	Date/Time: 3-3-26 1545	Company: Geosyntec	Received by:	Date/Time: 3/5/26 0820	Company: EDTNT
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks

Ver 01/16/2019

3/20/2026

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV. 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx E. prep

J261026012001ov

FedEx
MPS# 0263 8892 0814 0444

WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PIT

EXP 11/26

Uncorrected temp 4.1 °C
Thermometer ID 29
CF 40.6 Initials JC

PT-WI-SR-001 effective 11/8/18

#5201616 03/03 58KJ2/D126/484B

180-202501 Waybill

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV. 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

Uncorrected temp 5.1 °C
Thermometer ID 29
CF 40.6 Initials JC

PT-WI-SR-001 effective 11/8/18

J261026012001ov

FedEx Express

FedEx
MPS# 0263 8892 0814 0433

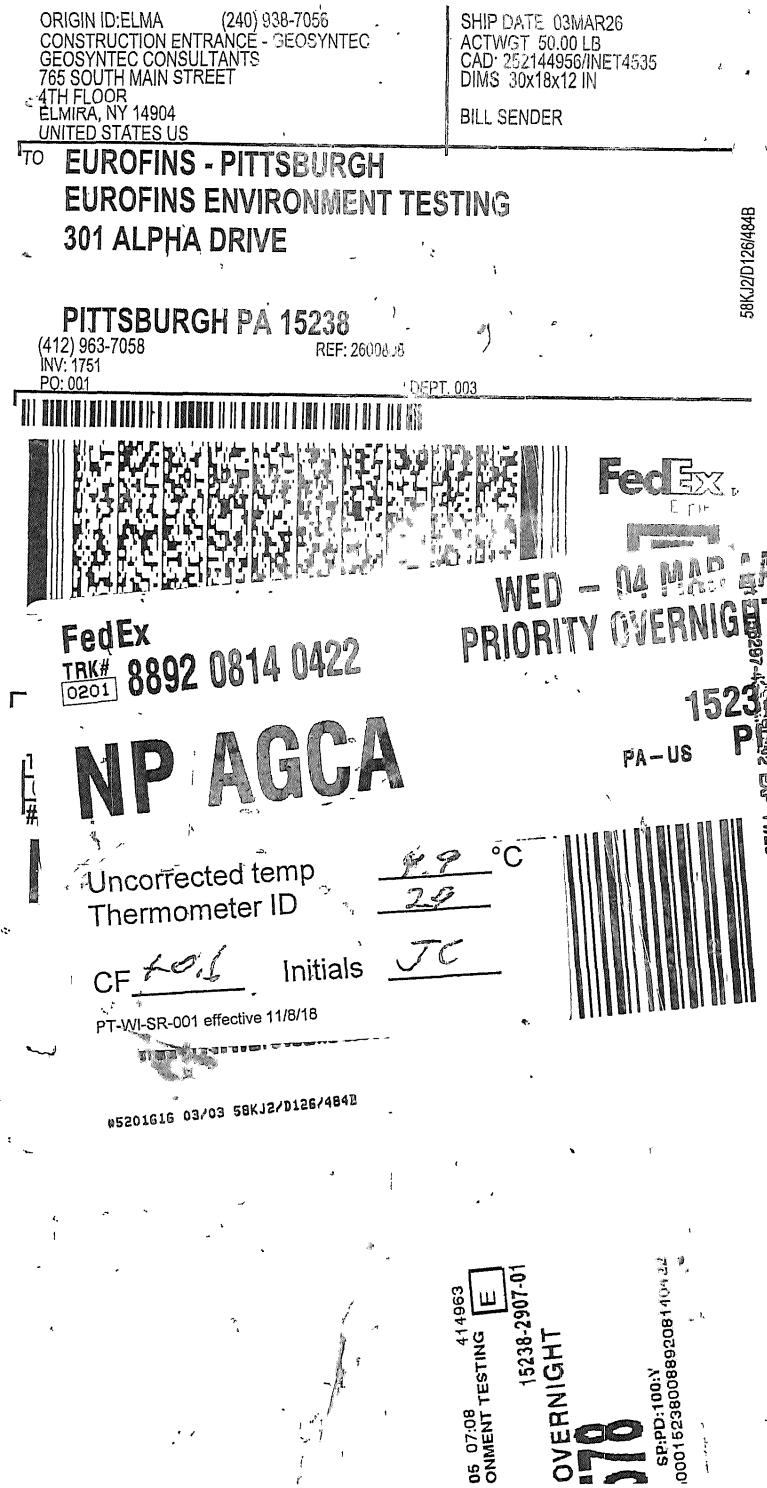
WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PIT

EXP 11/26

#5201616 03/03 58KJ2/D126/484B



ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE 03MAR26
ACTWGT 50.00 LB
CAD: 252144956/INET4535
DIMS 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008.06
INV: 1751
PO: 001 DEPT. 003

58KJ2/D126/484B

FedEx
TRK# 0201 8892 0814 0422

WED - 04 MAR AA
PRIORITY OVERNIGHT

15238
PA-US PT

NP AGCA

Uncorrected temp 4.9 °C
Thermometer ID 29
CF 0.1 Initials JC

PT-WI-SR-001 effective 11/8/18

#5201G16 03/03 58KJ2/D126/484B

05 07:08
ONMENT TESTING 414963 E
15238-2907-01
OVERNIGHT
SP:PD:100:Y
0001623800889208141

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

FedEx Express

FedEx
iPS# 0263 8892 0814 0466

WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PT

Uncorrected temp 5.1 °C
Thermometer ID 129
CF +0.6 Initials JC

PT-WI-SR-001 effective 11/8/18

#5201616 03/03 58KJ2/D126/484B

J2/D126/484B

J261028120001uv

EXP 11/26

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

FedEx Express

FedEx
MPS# 0263 8892 0814 0455

WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PT

Uncorrected temp 3.8 °C
Thermometer ID 29
CF +0.6 Initials JC

PT-WI-SR-001 effective 11/8/18

#5201616 03/03 58KJ2/D126/484B

58KJ2/D126/484B

J261028120001uv

EXP 11/26

THU 03/05 07:10 414963
ENVIRONMENT TESTING
15238-2907-01
NIGHT

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553809.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202501-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/18/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SSHS-IRM5A2-SCV-DUP-07 (180-202501-1)	3/3/26	Eastern	G	Solid			X	X	X				4	Terrafore Temps
SSHS-IRM5A2-SCV118-0-0.17 (180-202501-2)	3/3/26	10:00 Eastern	G	Solid						X	X		1	-5.0 + -4.4
SSHS-IRM5A2-SCV118-0.17-1 (180-202501-3)	3/3/26	10:05 Eastern	G	Solid						X	X		1	4 +0.8 (7D)
SSHS-IRM5A2-SCV-DUP-01 (180-202501-4)	3/3/26	Eastern	G	Solid						X	X		1	-4.2 + -3.6
SSHS-IRM5A2-SCV118-0.5-1 (180-202501-5)	3/3/26	10:05 Eastern	G	Solid			X	X	X				4	
SSHS-IRM5A2-SCV119-0-0.17 (180-202501-6)	3/3/26	10:15 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV119-0.17-1 (180-202501-7)	3/3/26	10:20 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV119-0.17-1 (180-202501-7MS)	3/3/26	10:20 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV119-0.17-1 (180-202501-7MSD)	3/3/26	10:20 Eastern	G	Solid						X	X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	3/5/26 14:00	EPHWE		3-5-26 14:40	ECLC
2		3/5/26 19:10	ECLC			
3					3/5/26 1910	ECLC

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: -6.0 -3.9 / -5.8 -4.1

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553809.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202501-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/18/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SSHS-IRM5A2-SCV120-0-0.17 (180-202501-8)	3/3/26	10:25 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV120-0.17-1 (180-202501-9)	3/3/26	10:30 Eastern	G	Solid						X	X	X	2	
SSHS-IRM5A2-SCV-DUP-03 (180-202501-10)	3/3/26	Eastern	G	Solid						X	X	X	2	
SSHS-IRM5A2-SCV120-0.5-1 (180-202501-11)	3/3/26	10:30 Eastern	G	Solid			X	X	X				4	
SSHS-IRM5A2-SCV120-0.5-1 (180-202501-11MS)	3/3/26	10:30 Eastern	G	Solid			X	X					4	
SSHS-IRM5A2-SCV120-0.5-1 (180-202501-11MSD)	3/3/26	10:30 Eastern	G	Solid			X	X					4	
SSHS-IRM5A2-SCV121-0-0.17 (180-202501-12)	3/3/26	10:40 Eastern	G	Solid						X	X	X	2	
SSHS-IRM5A2-SCV121-0.17-1 (180-202501-13)	3/3/26	10:45 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV121-0.5-1 (180-202501-14)	3/3/26	10:45 Eastern	G	Solid			X	X	X				4	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	3/5/26 1400	EPHWE		3.5.26 1420	ELLC
2		3-5-26 1910	ELLC		Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/5/26 1910	Company

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☐ Yes ☐ No		-6.0 - 3.9 / -5 8 - 41

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553809.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 3 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202501-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/18/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SSHS-IRM5A2-SCV121-0.5-1 (180-202501-14MS)	3/3/26	10:45 Eastern	G	Solid			X	X					4	
SSHS-IRM5A2-SCV121-0.5-1 (180-202501-14MSD)	3/3/26	10:45 Eastern	G	Solid			X	X					4	
SSHS-IRM5A2-SCV122-0-0.17 (180-202501-15)	3/3/26	10:55 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV122-0.17-1 (180-202501-16)	3/3/26	11:00 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV-DUP-08 (180-202501-17)	3/3/26	Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV-122-0.5-1 (180-202501-18)	3/3/26	11:00 Eastern	G	Solid			X	X	X				4	
SSHS-IRM5A2-SCV-123-0-0.17 (180-202501-19)	3/3/26	11:05 Eastern	G	Solid						X	X		1	
SSHS-IRM5A2-SCV-123-0.17-1 (180-202501-20)	3/3/26	11:10 Eastern	G	Solid						X	X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
James T. Hinkelman	3/5/26 1400	EPHW		3.5.26 14:40	EL&E
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	3.5.26 1940	EL&E			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				3/6/26 1910	

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: -6.0 - 3.9 / -5.8 - 4.1

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202501-1

Login Number: 202501
List Number: 1
Creator: Abernathy, Eric L

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202501-1

Login Number: 202501
List Number: 2
Creator: Martin, Elizabeth

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/06/26 12:35 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Miranda Stelmach
Geosyntec Consultants Inc
111 N. Broadway, Suite C
Green Bay, Wisconsin 54303

Generated 3/20/2026 10:53:31 AM

JOB DESCRIPTION

Former Sperry Remington - NAF SCV

JOB NUMBER

180-202505-1

Eurofins Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh PA 15238

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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3/20/2026 10:53:31 AM

Authorized for release by
Gail Lage, Senior Project Manager
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Job Narrative
180-202505-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/5/2026 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.4°C, 4.7°C, 5.5°C, 5.7°C and 5.7°C.

Receipt Exceptions
Samples SSHS-IRM5A2-SCV124-0.5-1 (180-202505-3), SSHS-IRM5A2-SCV125-0.5-1 (180-202505-6), SSHS-IRM5A2-SCV126-0.5-1 (180-202505-9), SSHS-IRM5A2-SCV127-0.5-1 (180-202505-12), SSHS-IRM5A2-SCV128-0.5-1 (180-202505-16) and SSHS-IRM5A2-SCV-DUP-14 (180-202505-17) was/were received outside of holding time as a result of a shipping delay.

GC/MS VOA
Method EPA 8260D: The continuing calibration verification (CCV) associated with batch 410-783714 recovered outside acceptance criteria, low biased, for Bromomethane and Chloroethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method EPA 8260D: The continuing calibration verification (CCV) associated with batch 410-783208 recovered outside acceptance criteria, low biased, for Methylcyclohexane, Tetrachloroethene, 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260: The methanol vials were received leaking and therefore could not be reported. SSHS-IRM5A2-SCV124-0.5-1 (180-202505-3) and SSHS-IRM5A2-SCV127-0.5-1 (180-202505-12)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method EPA 8270E: The continuing calibration verification (CCV) analyzed in 180-510978 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol and 2,2'-oxybis[1-chloropropane]. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method EPA 8270E: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: SSHS-IRM5A2-SCV124-0-0.17 (180-202505-1), SSHS-IRM5A2-SCV124-0.17-1 (180-202505-2), SSHS-IRM5A2-SCV125-0-0.17 (180-202505-4), SSHS-IRM5A2-SCV125-0.17-1 (180-202505-5), SSHS-IRM5A2-SCV126-0-0.17 (180-202505-7), SSHS-IRM5A2-SCV126-0.17-1 (180-202505-8), SSHS-IRM5A2-SCV127-0-0.17 (180-202505-10), SSHS-IRM5A2-SCV127-0.17-1 (180-202505-11), SSHS-IRM5A2-SCV128-0-0.17 (180-202505-13), SSHS-IRM5A2-SCV128-0.17-1 (180-202505-14), SSHS-IRM5A2-SCV-DUP-05 (180-202505-15), SSHS-IRM5A2-SCV129-0-0.17 (180-202505-18), SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19), SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19[MS]) and SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19[MSD]). Percent recoveries are based on the amount spiked.

Method EPA 8270E: An incorrect volume of spiking solution was inadvertently added to the matrix spike (MS) and the matrix spike duplicate (MSD) associated with preparation batch 180-510879 and analytical batch 180-510978. Percent recoveries are based on the amount spiked.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method EPA 8082A: The following samples required a sulfuric acid clean-up, via EPA Method 3665A, to reduce matrix interferences: SSHS-IRM5A2-SCV124-0-0.17 (180-202505-1), SSHS-IRM5A2-SCV124-0.17-1 (180-202505-2), SSHS-IRM5A2-SCV125-0-0.17 (180-202505-4), SSHS-IRM5A2-SCV125-0.17-1 (180-202505-5), SSHS-IRM5A2-SCV126-0-0.17 (180-202505-7), SSHS-IRM5A2-SCV126-0.17-1 (180-202505-8), SSHS-IRM5A2-SCV127-0-0.17 (180-202505-10), SSHS-IRM5A2-SCV127-0.17-1 (180-202505-11), SSHS-IRM5A2-SCV128-0-0.17 (180-202505-13), SSHS-IRM5A2-SCV128-0.17-1 (180-202505-14), SSHS-IRM5A2-SCV-DUP-05 (180-202505-15), SSHS-IRM5A2-SCV129-0-0.17 (180-202505-18), SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19), SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19[MS]), SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19[MSD]), (LCS 180-510880/2-A) and (MB 180-510880/1-A).6215174

Method EPA 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SSHS-IRM5A2-SCV124-0-0.17 (180-202505-1), SSHS-IRM5A2-SCV124-0.17-1 (180-202505-2), SSHS-IRM5A2-SCV125-0-0.17 (180-202505-4), SSHS-IRM5A2-SCV125-0.17-1 (180-202505-5), SSHS-IRM5A2-SCV126-0-0.17 (180-202505-7), SSHS-IRM5A2-SCV126-0.17-1 (180-202505-8), SSHS-IRM5A2-SCV127-0-0.17 (180-202505-10), SSHS-IRM5A2-SCV127-0.17-1 (180-202505-11), SSHS-IRM5A2-SCV128-0-0.17 (180-202505-13), SSHS-IRM5A2-SCV128-0.17-1 (180-202505-14), SSHS-IRM5A2-SCV-DUP-05 (180-202505-15), SSHS-IRM5A2-SCV129-0-0.17 (180-202505-18), SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19), SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19[MS]), SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19[MSD]), (LCS 180-510880/2-A) and (MB 180-510880/1-A).6648760
6513163

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PFAS
Method 1633A: The recovery for labeled isotope: D7-NMeFOSE is outside the QC acceptance limits in the opening continuing calibration verification standard associated with the following samples SSHS-IRM5A2-SCV124-0.17-1 (180-202505-2), SSHS-IRM5A2-SCV125-0-0.17 (180-202505-4), SSHS-IRM5A2-SCV129-0-0.17 (180-202505-18) and SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19). Since the recovery for target analytes is within the limits, the data is reported.

Method 1633A: The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the recovery in sample SSHS-IRM5A2-SCV124-0.17-1 (180-202505-2), SSHS-IRM5A2-SCV125-0-0.17 (180-202505-4), SSHS-IRM5A2-SCV129-0-0.17 (180-202505-18) and SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19) is less than 350%, the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	Sample was received and analyzed past holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11182	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
EPA 8260D	5035	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture

Sample Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
180-202505-1	SSHS-IRM5A2-SCV124-0-0.17	Solid	03/03/26 08:10	03/05/26 09:30	New York
180-202505-2	SSHS-IRM5A2-SCV124-0.17-1	Solid	03/03/26 08:15	03/05/26 09:30	New York
180-202505-3	SSHS-IRM5A2-SCV124-0.5-1	Solid	03/03/26 08:15	03/05/26 09:30	New York
180-202505-4	SSHS-IRM5A2-SCV125-0-0.17	Solid	03/03/26 08:20	03/05/26 09:30	New York
180-202505-5	SSHS-IRM5A2-SCV125-0.17-1	Solid	03/03/26 08:25	03/05/26 09:30	New York
180-202505-6	SSHS-IRM5A2-SCV125-0.5-1	Solid	03/03/26 08:25	03/05/26 09:30	New York
180-202505-7	SSHS-IRM5A2-SCV126-0-0.17	Solid	03/03/26 08:35	03/05/26 09:30	New York
180-202505-8	SSHS-IRM5A2-SCV126-0.17-1	Solid	03/03/26 08:40	03/05/26 09:30	New York
180-202505-9	SSHS-IRM5A2-SCV126-0.5-1	Solid	03/03/26 08:40	03/05/26 09:30	New York
180-202505-10	SSHS-IRM5A2-SCV127-0-0.17	Solid	03/03/26 08:45	03/05/26 09:30	New York
180-202505-11	SSHS-IRM5A2-SCV127-0.17-1	Solid	03/03/26 08:50	03/05/26 09:30	New York
180-202505-12	SSHS-IRM5A2-SCV127-0.5-1	Solid	03/03/26 08:50	03/05/26 09:30	New York
180-202505-13	SSHS-IRM5A2-SCV128-0-0.17	Solid	03/03/26 08:55	03/05/26 09:30	New York
180-202505-14	SSHS-IRM5A2-SCV128-0.17-1	Solid	03/03/26 09:00	03/05/26 09:30	New York
180-202505-15	SSHS-IRM5A2-SCV-DUP-05	Solid	03/03/26 00:00	03/05/26 09:30	New York
180-202505-16	SSHS-IRM5A2-SCV128-0.5-1	Solid	03/03/26 09:00	03/05/26 09:30	New York
180-202505-17	SSHS-IRM5A2-SCV-DUP-14	Solid	03/03/26 00:00	03/05/26 09:30	New York
180-202505-18	SSHS-IRM5A2-SCV129-0-0.17	Solid	03/03/26 09:45	03/05/26 09:30	New York
180-202505-19	SSHS-IRM5A2-SCV129-0.17-1	Solid	03/03/26 09:50	03/05/26 09:30	New York
180-202505-20	SSHS-IRM5A2-SCV129-0.5-1	Solid	03/03/26 09:50	03/05/26 09:30	New York

Method Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Method	Method Description	Protocol	Laboratory
EPA 8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
EPA 8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET PIT
1633A	Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A	EPA	ELLE
EPA 6010D	Metals (ICP)	SW846	ELLE
EPA 7471B	Mercury (CVAA)	SW846	ELLE
Moisture	Percent Moisture	EPA	EET PIT
Moisture	Percent Moisture	EPA	ELLE
1633A	Shake Extraction with SPE	EPA	ELLE
3050B	Preparation, Metals	SW846	ELLE
3541	Automated Soxhlet Extraction	SW846	EET PIT
5035	Closed System Purge and Trap	SW846	ELLE
7471B	Preparation, Mercury	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV124-0-0.17
Lab Sample ID: 180-202505-1
Date Collected: 03/03/26 08:10
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV124-0-0.17
Lab Sample ID: 180-202505-1
Date Collected: 03/03/26 08:10
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.49 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 16:30	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.35 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 02:39	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.53 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 14:06	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.65 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 19:20	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV124-0.17-1
Lab Sample ID: 180-202505-2
Date Collected: 03/03/26 08:15
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV124-0.17-1
Lab Sample ID: 180-202505-2
Date Collected: 03/03/26 08:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.23 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 16:52	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.11 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 02:57	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.34 g	5 mL	780529	03/10/26 14:32	VDC4	ELLE
Total/NA	Analysis	1633A		1			781416	03/12/26 08:39	M4QQ	ELLE
	Instrument ID: 30569									
Total/NA	Prep	3050B			0.52 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 14:18	T8CQ	ELLE
	Instrument ID: T74 - 23745									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV124-0.17-1
Lab Sample ID: 180-202505-2
Date Collected: 03/03/26 08:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.62 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 19:22	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV124-0.5-1
Lab Sample ID: 180-202505-3
Date Collected: 03/03/26 08:15
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778775	03/06/26 10:08	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV124-0.5-1
Lab Sample ID: 180-202505-3
Date Collected: 03/03/26 08:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.936 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783208	03/16/26 11:40	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV125-0-0.17
Lab Sample ID: 180-202505-4
Date Collected: 03/03/26 08:20
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV125-0-0.17
Lab Sample ID: 180-202505-4
Date Collected: 03/03/26 08:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.06 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 17:15	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.30 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 03:15	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.38 g	5 mL	780529	03/10/26 14:32	VDC4	ELLE
Total/NA	Analysis	1633A		1			781416	03/12/26 08:52	M4QQ	ELLE
	Instrument ID: 30569									
Total/NA	Prep	3050B			0.50 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 14:22	T8CQ	ELLE
	Instrument ID: T74 - 23745									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV125-0-0.17
Lab Sample ID: 180-202505-4
Date Collected: 03/03/26 08:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.64 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 19:24	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV125-0.17-1
Lab Sample ID: 180-202505-5
Date Collected: 03/03/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV125-0.17-1
Lab Sample ID: 180-202505-5
Date Collected: 03/03/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.08 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 17:37	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.12 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 03:33	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.54 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 14:25	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.64 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 19:46	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV125-0.5-1
Lab Sample ID: 180-202505-6
Date Collected: 03/03/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778775	03/06/26 10:08	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV125-0.5-1
Lab Sample ID: 180-202505-6
Date Collected: 03/03/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.758 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783208	03/16/26 12:04	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV125-0.5-1
Lab Sample ID: 180-202505-6
Date Collected: 03/03/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 90.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.475 g	5 mL	782869	03/13/26 23:58	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		50	5 mL	5 mL	783714	03/16/26 23:53	S8BP	ELLE
	Instrument ID: 7566									

Client Sample ID: SSHS-IRM5A2-SCV126-0-0.17
Lab Sample ID: 180-202505-7
Date Collected: 03/03/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV126-0-0.17
Lab Sample ID: 180-202505-7
Date Collected: 03/03/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.13 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 18:00	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.08 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 03:51	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.51 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 14:29	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.61 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 19:48	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV126-0.17-1
Lab Sample ID: 180-202505-8
Date Collected: 03/03/26 08:40
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV126-0.17-1
Lab Sample ID: 180-202505-8
Date Collected: 03/03/26 08:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.30 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 18:22	VVP	EET PIT
	Instrument ID: CH732									

Client Sample ID: SSHS-IRM5A2-SCV126-0.17-1
Lab Sample ID: 180-202505-8
Date Collected: 03/03/26 08:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.03 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 04:09	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.54 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 14:32	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.65 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 19:49	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV126-0.5-1
Lab Sample ID: 180-202505-9
Date Collected: 03/03/26 08:40
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778775	03/06/26 10:08	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV126-0.5-1
Lab Sample ID: 180-202505-9
Date Collected: 03/03/26 08:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.815 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783208	03/16/26 12:28	ULCP	ELLE
	Instrument ID: 21547									
Total/NA	Prep	5035			4.141 g	5 mL	782869	03/13/26 23:58	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		50	5 mL	5 mL	783714	03/17/26 00:14	S8BP	ELLE
	Instrument ID: 7566									

Client Sample ID: SSHS-IRM5A2-SCV127-0-0.17
Lab Sample ID: 180-202505-10
Date Collected: 03/03/26 08:45
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV127-0-0.17
Lab Sample ID: 180-202505-10
Date Collected: 03/03/26 08:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.27 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 18:45	VVP	EET PIT
	Instrument ID: CH732									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV127-0-0.17
Lab Sample ID: 180-202505-10
Date Collected: 03/03/26 08:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.33 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 04:27	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 14:36	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.63 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 19:51	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV127-0.17-1
Lab Sample ID: 180-202505-11
Date Collected: 03/03/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV127-0.17-1
Lab Sample ID: 180-202505-11
Date Collected: 03/03/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.42 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 19:08	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.10 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 04:45	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.50 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 14:42	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.65 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 19:53	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV127-0.5-1
Lab Sample ID: 180-202505-12
Date Collected: 03/03/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778775	03/06/26 10:08	E5GC	ELLE
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV127-0.5-1
Lab Sample ID: 180-202505-12
Date Collected: 03/03/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.717 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783208	03/16/26 12:52	ULCP	ELLE
	Instrument ID: 21547									

Client Sample ID: SSHS-IRM5A2-SCV128-0-0.17
Lab Sample ID: 180-202505-13
Date Collected: 03/03/26 08:55
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV128-0-0.17
Lab Sample ID: 180-202505-13
Date Collected: 03/03/26 08:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.48 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 19:30	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.06 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 05:03	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.51 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 14:46	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.64 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 19:55	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV128-0.17-1
Lab Sample ID: 180-202505-14
Date Collected: 03/03/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV128-0.17-1
Lab Sample ID: 180-202505-14
Date Collected: 03/03/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.32 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 19:52	VVP	EET PIT
	Instrument ID: CH732									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV128-0.17-1
Lab Sample ID: 180-202505-14

Date Collected: 03/03/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.34 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 05:21	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.54 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 14:49	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.63 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 19:57	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-05
Lab Sample ID: 180-202505-15

Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-05
Lab Sample ID: 180-202505-15

Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.29 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 20:15	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.11 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 05:39	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	3050B			0.55 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 16:14	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.60 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 19:59	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV128-0.5-1
Lab Sample ID: 180-202505-16

Date Collected: 03/03/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778775	03/06/26 10:08	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV128-0.5-1
Lab Sample ID: 180-202505-16
Date Collected: 03/03/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.365 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783208	03/16/26 17:37	ULCP	ELLE
	Instrument ID: 21547									
Total/NA	Prep	5035			5.514 g	5 mL	782869	03/13/26 23:58	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		50	5 mL	5 mL	783714	03/17/26 00:35	S8BP	ELLE
	Instrument ID: 7566									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-14
Lab Sample ID: 180-202505-17
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778775	03/06/26 10:08	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV-DUP-14
Lab Sample ID: 180-202505-17
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.154 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783208	03/16/26 13:39	ULCP	ELLE
	Instrument ID: 21547									
Total/NA	Prep	5035	RA		5.809 g	5 mL	782869	03/13/26 23:58	UK3O	ELLE
Total/NA	Analysis	EPA 8260D	RA	50	5 mL	5 mL	784695	03/18/26 12:02	WJ7F	ELLE
	Instrument ID: 7159									
Total/NA	Prep	5035			5.809 g	5 mL	782869	03/13/26 23:58	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		50	5 mL	5 mL	783714	03/17/26 00:56	S8BP	ELLE
	Instrument ID: 7566									

Client Sample ID: SSHS-IRM5A2-SCV129-0-0.17
Lab Sample ID: 180-202505-18
Date Collected: 03/03/26 09:45
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511002	03/09/26 10:59	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV129-0-0.17
Lab Sample ID: 180-202505-18
Date Collected: 03/03/26 09:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.27 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 20:37	VVP	EET PIT
	Instrument ID: CH732									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV129-0-0.17
Lab Sample ID: 180-202505-18

Date Collected: 03/03/26 09:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.38 g	20.0 mL	510880	03/05/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/10/26 05:56	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.37 g	5 mL	780529	03/10/26 14:32	VDC4	ELLE
Total/NA	Analysis	1633A		1			781416	03/12/26 09:06	M4QQ	ELLE
	Instrument ID: 30569									
Total/NA	Prep	3050B			0.50 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 16:17	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.62 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 20:01	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Lab Sample ID: 180-202505-19

Date Collected: 03/03/26 09:50
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			511003	03/09/26 11:21	RSR	EET PIT
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Lab Sample ID: 180-202505-19

Date Collected: 03/03/26 09:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			15.09 g	5.0 mL	510879	03/05/26 12:19	DVC	EET PIT
Total/NA	Analysis	EPA 8270E		1	1 mL	1 mL	510978	03/09/26 12:45	VVP	EET PIT
	Instrument ID: CH732									
Total/NA	Prep	3541			15.49 g	20.0 mL	510880	03/06/26 12:40	DVC	EET PIT
Total/NA	Analysis	EPA 8082A		1	1 mL	1 mL	510964	03/09/26 23:04	JMO	EET PIT
	Instrument ID: CHGC8									
Total/NA	Prep	1633A			2.32 g	5 mL	780529	03/10/26 14:32	VDC4	ELLE
Total/NA	Analysis	1633A		1			781416	03/12/26 09:20	M4QQ	ELLE
	Instrument ID: 30569									
Total/NA	Prep	3050B			0.51 g	50 mL	778997	03/07/26 07:30	VT6A	ELLE
Total/NA	Analysis	EPA 6010D		1			780728	03/10/26 13:45	T8CQ	ELLE
	Instrument ID: T74 - 23745									
Total/NA	Prep	7471B			0.60 g	100 mL	779061	03/09/26 10:45	HNC4	ELLE
Total/NA	Analysis	EPA 7471B		1			780087	03/09/26 19:10	IJ3I	ELLE
	Instrument ID: M10 – 31820									

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV129-0.5-1
Lab Sample ID: 180-202505-20

Date Collected: 03/03/26 09:50
Matrix: Solid
Date Received: 03/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			778775	03/06/26 10:08	E5GC	ELLE
	Instrument ID: NOEQUIP									

Client Sample ID: SSHS-IRM5A2-SCV129-0.5-1
Lab Sample ID: 180-202505-20

Date Collected: 03/03/26 09:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.548 g	5 mL	783020	03/05/26 09:41	UK3O	ELLE
Total/NA	Analysis	EPA 8260D		1	5 g	5 mL	783208	03/16/26 14:03	ULCP	ELLE
	Instrument ID: 21547									

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Analyst References:

Lab: EET PIT

Batch Type: Prep

DVC = Daniel Capodanno

Batch Type: Analysis

JMO = John Oravec

RSR = Roseann Ruyechan

VVP = Vincent Piccolino

Lab: ELLE

Batch Type: Prep

HNC4 = Mindy Schantzenbach

UK3O = Rebecca Williams

VDC4 = Alaina Christ

VT6A = Akram Girgis

Batch Type: Analysis

E5GC = Priest McKenzie

IJ3I = Elizabeth Brittingham

M4QQ = Pamela Cray

S8BP = Kirsten Loeb

T8CQ = Sera Bargo

ULCP = Linda Pape

WJ7F = Hannah Carter

Client Sample ID: SSHS-IRM5A2-SCV124-0-0.17
Lab Sample ID: 180-202505-1
Date Collected: 03/03/26 08:10
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	21	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Acetophenone	ND		750	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Anthracene	**38**	**J**	75	19	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Atrazine	ND		750	160	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Benzaldehyde	ND		750	46	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Benzo[a]anthracene	**140**		75	34	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Benzo[a]pyrene	**160**		75	32	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Benzo[b]fluoranthene	**210**		75	18	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Benzo[g,h,i]perylene	**110**		75	16	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Benzo[k]fluoranthene	**70**	**J**	75	22	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Carbazole	**23**	**J**	75	17	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Chrysene	**140**		75	41	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Fluoranthene	**340**		75	20	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Fluorene	ND		75	15	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Indeno[1,2,3-cd]pyrene	**94**		75	37	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1

Client Sample ID: SSHS-IRM5A2-SCV124-0-0.17
Lab Sample ID: 180-202505-1
Date Collected: 03/03/26 08:10
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Naphthalene	ND		75	15	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Phenanthrene	**220**		75	20	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
Pyrene	**270**		75	26	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/05/26 12:19	03/09/26 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*44 - 105*	*03/05/26 12:19*	*03/09/26 16:30*	*1*
2-Fluorophenol (Surr)	*60*		*48 - 105*	*03/05/26 12:19*	*03/09/26 16:30*	*1*
Nitrobenzene-d5 (Surr)	*64*		*46 - 105*	*03/05/26 12:19*	*03/09/26 16:30*	*1*
Phenol-d5 (Surr)	*60*		*46 - 105*	*03/05/26 12:19*	*03/09/26 16:30*	*1*
Terphenyl-d14 (Surr)	*57*		*39 - 105*	*03/05/26 12:19*	*03/09/26 16:30*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*34 - 108*	*03/05/26 12:19*	*03/09/26 16:30*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/05/26 12:40	03/10/26 02:39	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/05/26 12:40	03/10/26 02:39	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 12:40	03/10/26 02:39	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 12:40	03/10/26 02:39	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 12:40	03/10/26 02:39	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/05/26 12:40	03/10/26 02:39	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 12:40	03/10/26 02:39	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/05/26 12:40	03/10/26 02:39	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 12:40	03/10/26 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*26 - 142*	*03/05/26 12:40*	*03/10/26 02:39*	*1*
DCB Decachlorobiphenyl (Surr)	*93*		*26 - 142*	*03/05/26 12:40*	*03/10/26 02:39*	*1*
Tetrachloro-m-xylene (Surr)	*99*		*17 - 144*	*03/05/26 12:40*	*03/10/26 02:39*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*17 - 144*	*03/05/26 12:40*	*03/10/26 02:39*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		33	9.8	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Antimony	ND		5.4	1.9	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV124-0-0.17
Lab Sample ID: 180-202505-1
Date Collected: 03/03/26 08:10
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.6

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.2	J	5.4	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Barium	65		0.54	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Beryllium	0.46	J	0.54	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Cadmium	ND		0.54	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Calcium	21000		54	23	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Chromium	14		1.6	0.65	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Cobalt	8.0		0.54	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Copper	22		2.2	0.84	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Iron	22000		22	8.7	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Lead	13		1.6	0.65	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Magnesium	5900		22	4.4	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Manganese	560		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Nickel	19		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Potassium	1200		110	38	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Selenium	ND		5.4	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Sodium	64	J	110	44	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Vanadium	16		1.1	0.47	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1
Zinc	110		2.2	0.87	mg/Kg	☼	03/07/26 07:30	03/10/26 14:06	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044	J	0.064	0.021	mg/Kg	☼	03/09/26 10:45	03/09/26 19:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.4		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	86.6		0.1	0.1	%			03/09/26 10:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV124-0.17-1
Lab Sample ID: 180-202505-2
Date Collected: 03/03/26 08:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Acenaphthylene	ND		76	16	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Acetophenone	ND		760	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Anthracene	ND		76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Atrazine	ND		760	160	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Benzo[a]anthracene	**98**		76	34	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Benzo[a]pyrene	**100**		76	33	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Benzo[b]fluoranthene	**150**		76	19	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Benzo[g,h,i]perylene	**76**		76	16	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Benzo[k]fluoranthene	**48**	**J**	76	23	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Carbazole	ND		76	18	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Chrysene	**110**		76	42	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Fluoranthene	**210**		76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Fluorene	ND		76	15	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Indeno[1,2,3-cd]pyrene	**67**	**J**	76	37	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1

Client Sample ID: SSHS-IRM5A2-SCV124-0.17-1
Lab Sample ID: 180-202505-2
Date Collected: 03/03/26 08:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Naphthalene	ND		76	15	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
N-Nitrosodi-n-propylamine	ND		76	25	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Phenanthrene	**76**		76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
Pyrene	**170**		76	27	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*44 - 105*	*03/05/26 12:19*	*03/09/26 16:52*	*1*
2-Fluorophenol (Surr)	*65*		*48 - 105*	*03/05/26 12:19*	*03/09/26 16:52*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*03/05/26 12:19*	*03/09/26 16:52*	*1*
Phenol-d5 (Surr)	*67*		*46 - 105*	*03/05/26 12:19*	*03/09/26 16:52*	*1*
Terphenyl-d14 (Surr)	*64*		*39 - 105*	*03/05/26 12:19*	*03/09/26 16:52*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*34 - 108*	*03/05/26 12:19*	*03/09/26 16:52*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 12:40	03/10/26 02:57	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/05/26 12:40	03/10/26 02:57	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 12:40	03/10/26 02:57	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 12:40	03/10/26 02:57	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 12:40	03/10/26 02:57	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 12:40	03/10/26 02:57	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 12:40	03/10/26 02:57	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/05/26 12:40	03/10/26 02:57	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 12:40	03/10/26 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*82*		*26 - 142*	*03/05/26 12:40*	*03/10/26 02:57*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*26 - 142*	*03/05/26 12:40*	*03/10/26 02:57*	*1*
Tetrachloro-m-xylene (Surr)	*90*		*17 - 144*	*03/05/26 12:40*	*03/10/26 02:57*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/05/26 12:40*	*03/10/26 02:57*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington - NAF SCV

Job ID: 180-202505-1

Client Sample ID: SSHS-IRM5A2-SCV124-0.17-1
Date Collected: 03/03/26 08:15
Date Received: 03/05/26 09:30

Lab Sample ID: 180-202505-2
Matrix: Solid
Percent Solids: 87.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorooctanoic acid (PFOA)	**0.18**	**J**	0.20	0.059	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorooctanesulfonic acid (PFOS)	**0.44**		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.20	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.20	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.20	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.98	0.49	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.98	0.49	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1

Client Sample ID: SSHS-IRM5A2-SCV124-0.17-1
Lab Sample ID: 180-202505-2
Date Collected: 03/03/26 08:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.20	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.98	0.49	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.98	0.49	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.098	ng/g	☼	03/10/26 14:32	03/12/26 08:39	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*82.4*		*8 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C5-PFPeA	*75.2*		*35 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C5-PFHxA	*74.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C4-PFHpA	*81.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C8-PFOA	*83.3*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C9-PFNA	*84.3*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C6-PFDA	*82.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C7-PFUnA	*86.5*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C2 PFDoA	*86.5*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C2-PFTeDA	*77.5*		*20 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C3-PFBS	*72.0*		*40 - 135*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C3-PFHxS	*81.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C8-PFOS	*81.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C8-PFOSA	*82.6*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
d3-NMeFOSAA	*71.4*		*40 - 135*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
d5-NEtFOSAA	*94.4*		*40 - 150*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C2 4:2 FTS	*218*	*5+	*40 - 165*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C2 6:2 FTS	*130*		*40 - 215*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C2 8:2 FTS	*122*		*40 - 275*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
13C3-HFPO-DA	*72.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
D7-NMeFOSE	*59.6*		*20 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
D9-NEtFOSE	*47.8*		*15 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
d5-NEtPFOSA	*67.5*		*10 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*
d3-NMePFOSA	*72.3*		*10 - 130*	*03/10/26 14:32*	*03/12/26 08:39*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		33	9.9	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Antimony	ND		5.5	1.9	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Arsenic	**5.4**	**J**	5.5	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Barium	**75**		0.55	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Beryllium	**0.48**	**J**	0.55	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Cadmium	ND		0.55	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Calcium	**19000**		55	23	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Chromium	**14**		1.7	0.66	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Cobalt	**7.6**		0.55	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Copper	**20**		2.2	0.85	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Iron	**20000**		22	8.8	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Lead	**15**		1.7	0.66	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Magnesium	**5200**		22	4.4	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Manganese	**390**		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Nickel	**18**		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV124-0.17-1
Lab Sample ID: 180-202505-2
Date Collected: 03/03/26 08:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.3

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1300**		110	39	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Selenium	ND		5.5	1.7	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Silver	ND		1.1	0.44	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Sodium	**72**	**J**	110	44	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Vanadium	**16**		1.1	0.47	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1
Zinc	**78**		2.2	0.88	mg/Kg	☼	03/07/26 07:30	03/10/26 14:18	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.046**	**J**	0.067	0.022	mg/Kg	☼	03/09/26 10:45	03/09/26 19:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.7**		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	**87.3**		0.1	0.1	%			03/09/26 10:59	1

Client Sample ID: SSHS-IRM5A2-SCV124-0.5-1
Lab Sample ID: 180-202505-3
Date Collected: 03/03/26 08:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	23	6.8	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Benzene	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Bromoform	ND	H H3	11	5.7	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Bromomethane	ND	H H3	5.7	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
2-Butanone (MEK)	ND	H H3	11	2.3	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Carbon disulfide	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Carbon tetrachloride	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Chlorobenzene	ND	H H3	5.7	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Chlorobromomethane	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Chlorodibromomethane	ND	H H3	5.7	0.57	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Chloroethane	ND	H H3	5.7	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Chloroform	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Chloromethane	ND	H H3	5.7	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
cis-1,2-Dichloroethene	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
cis-1,3-Dichloropropene	ND	H H3	5.7	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Cyclohexane	ND	H H3	5.7	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,2-Dibromo-3-Chloropropane	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,2-Dibromoethane	ND	H H3	5.7	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,2-Dichlorobenzene	ND	H H3	5.7	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,3-Dichlorobenzene	ND	H H3	5.7	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,4-Dichlorobenzene	ND	H H3	5.7	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Dichlorobromomethane	ND	H H3	5.7	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Dichlorodifluoromethane	ND	H H3	5.7	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,1-Dichloroethane	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,2-Dichloroethane	ND	H H3	5.7	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,1-Dichloroethene	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,2-Dichloroethene, Total	ND	H H3	11	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,2-Dichloropropane	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,4-Dioxane	ND	H H3	280	42	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Ethylbenzene	ND	H H3	5.7	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
2-Hexanone	ND	H H3	11	2.8	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Isopropylbenzene	ND	H H3	5.7	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Methyl acetate	**12**	**H H3**	5.7	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Methylcyclohexane	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Methylene Chloride	ND	H H3	5.7	2.3	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	11	2.3	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Methyl tert-butyl ether	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
m-Xylene & p-Xylene	ND	H H3	5.7	2.3	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
o-Xylene	ND	H H3	5.7	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Styrene	ND	H H3	5.7	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,1,2,2-Tetrachloroethane	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Tetrachloroethene	ND	H H3	5.7	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Toluene	ND	H H3	5.7	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
trans-1,2-Dichloroethene	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
trans-1,3-Dichloropropene	ND	H H3	5.7	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,2,3-Trichlorobenzene	ND	H H3	11	5.7	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,2,4-Trichlorobenzene	ND	H H3	11	5.7	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,1,1-Trichloroethane	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,1,2-Trichloroethane	ND	H H3	5.7	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV124-0.5-1
Lab Sample ID: 180-202505-3
Date Collected: 03/03/26 08:15
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Trichlorofluoromethane	ND	H H3	5.7	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	11	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Vinyl chloride	ND	H H3	5.7	0.91	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1
Xylenes, Total	ND	H H3	11	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*	*03/05/26 09:41*	*03/16/26 11:40*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 141*	*03/05/26 09:41*	*03/16/26 11:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*54 - 135*	*03/05/26 09:41*	*03/16/26 11:40*	*1*
Toluene-d8 (Surr)	*92*		*52 - 141*	*03/05/26 09:41*	*03/16/26 11:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**11.0**		1.0	1.0	%			03/06/26 10:08	1

Client Sample ID: SSHS-IRM5A2-SCV125-0-0.17
Lab Sample ID: 180-202505-4
Date Collected: 03/03/26 08:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Acetophenone	ND		770	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Anthracene	ND		77	20	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Atrazine	ND		770	170	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Benzaldehyde	ND		770	47	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Benzo[a]anthracene	**61**	**J**	77	34	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Benzo[a]pyrene	**64**	**J**	77	33	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Benzo[b]fluoranthene	**95**		77	19	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Benzo[g,h,i]perylene	**51**	**J**	77	16	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Benzo[k]fluoranthene	**30**	**J**	77	23	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Carbazole	ND		77	18	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2-Chloronaphthalene	ND		77	17	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Chrysene	**67**	**J**	77	42	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2,4-Dichlorophenol	ND		77	29	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Dimethyl phthalate	ND		770	420	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Di-n-butyl phthalate	ND		3800	790	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
4,6-Dinitro-2-methylphenol	ND		1900	660	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Fluoranthene	**120**		77	20	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Fluorene	ND		77	15	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Hexachlorobenzene	ND		77	27	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Hexachloroethane	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Indeno[1,2,3-cd]pyrene	**41**	**J**	77	38	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Isophorone	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1

Client Sample ID: SSHS-IRM5A2-SCV125-0-0.17
Lab Sample ID: 180-202505-4
Date Collected: 03/03/26 08:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Naphthalene	ND		77	15	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
3-Nitroaniline	ND		1900	97	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Phenanthrene	**51**	**J**	77	20	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Phenol	ND		380	120	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
Pyrene	**99**		77	27	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*03/05/26 12:19*	*03/09/26 17:15*	*1*
2-Fluorophenol (Surr)	*66*		*48 - 105*	*03/05/26 12:19*	*03/09/26 17:15*	*1*
Nitrobenzene-d5 (Surr)	*72*		*46 - 105*	*03/05/26 12:19*	*03/09/26 17:15*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*03/05/26 12:19*	*03/09/26 17:15*	*1*
Terphenyl-d14 (Surr)	*66*		*39 - 105*	*03/05/26 12:19*	*03/09/26 17:15*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*34 - 108*	*03/05/26 12:19*	*03/09/26 17:15*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/05/26 12:40	03/10/26 03:15	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/05/26 12:40	03/10/26 03:15	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 12:40	03/10/26 03:15	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/05/26 12:40	03/10/26 03:15	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 12:40	03/10/26 03:15	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/05/26 12:40	03/10/26 03:15	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/05/26 12:40	03/10/26 03:15	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/05/26 12:40	03/10/26 03:15	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 12:40	03/10/26 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*89*		*26 - 142*	*03/05/26 12:40*	*03/10/26 03:15*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*26 - 142*	*03/05/26 12:40*	*03/10/26 03:15*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/05/26 12:40*	*03/10/26 03:15*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/05/26 12:40*	*03/10/26 03:15*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.39	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluoropentanoic acid (PFPeA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1

Client: Geosyntec Consultants Inc
Project/Site: Former Sperry Remington - NAF SCV

Job ID: 180-202505-1

Client Sample ID: SSHS-IRM5A2-SCV125-0-0.17
Date Collected: 03/03/26 08:20
Date Received: 03/05/26 09:30

Lab Sample ID: 180-202505-4
Matrix: Solid
Percent Solids: 87.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluoroheptanoic acid (PFHpA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorooctanoic acid (PFOA)	**0.12**	**J**	0.19	0.058	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorononanoic acid (PFNA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorodecanoic acid (PFDA)	ND		0.19	0.058	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluoroundecanoic acid (PFUnA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorododecanoic acid (PFDoA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorooctanesulfonic acid (PFOS)	**0.26**		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorononanesulfonic acid (PFNS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.39	0.19	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.39	0.19	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.39	0.19	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.96	0.48	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.96	0.48	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1

Client Sample ID: SSHS-IRM5A2-SCV125-0-0.17
Lab Sample ID: 180-202505-4
Date Collected: 03/03/26 08:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.1

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.39	0.19	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.96	0.48	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.96	0.48	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.19	0.096	ng/g	☼	03/10/26 14:32	03/12/26 08:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*89.1*		*8 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C5-PFPeA	*91.9*		*35 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C5-PFHxA	*88.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C4-PFHpA	*91.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C8-PFOA	*89.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C9-PFNA	*86.8*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C6-PFDA	*86.8*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C7-PFUnA	*87.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C2 PFDoA	*79.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C2-PFTeDA	*72.6*		*20 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C3-PFBS	*81.5*		*40 - 135*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C3-PFHxS	*83.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C8-PFOS	*84.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C8-PFOSA	*79.5*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
d3-NMeFOSAA	*75.3*		*40 - 135*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
d5-NEtFOSAA	*87.8*		*40 - 150*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C2 4:2 FTS	*234*	*5+	*40 - 165*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C2 6:2 FTS	*122*		*40 - 215*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C2 8:2 FTS	*110*		*40 - 275*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
13C3-HFPO-DA	*84.6*		*40 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
D7-NMeFOSE	*48.2*		*20 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
D9-NEtFOSE	*39.2*		*15 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
d5-NEtPFOSA	*60.7*		*10 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*
d3-NMePFOSA	*66.9*		*10 - 130*	*03/10/26 14:32*	*03/12/26 08:52*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		34	10	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Antimony	ND		5.7	2.0	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Arsenic	**7.1**		5.7	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Barium	**67**		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Beryllium	**0.46**	**J**	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Cadmium	ND		0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Calcium	**24000**		57	24	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Chromium	**14**		1.7	0.69	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Cobalt	**7.7**		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Copper	**20**		2.3	0.88	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Iron	**20000**		23	9.2	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Lead	**15**		1.7	0.69	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Magnesium	**5600**		23	4.6	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Manganese	**430**		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Nickel	**19**		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV125-0-0.17
Lab Sample ID: 180-202505-4
Date Collected: 03/03/26 08:20
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.1

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1400**		110	40	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Silver	ND		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Sodium	**66**	**J**	110	46	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Vanadium	**16**		1.1	0.49	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1
Zinc	**67**		2.3	0.92	mg/Kg	☼	03/07/26 07:30	03/10/26 14:22	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.047**	**J**	0.065	0.022	mg/Kg	☼	03/09/26 10:45	03/09/26 19:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.9**		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	**87.1**		0.1	0.1	%			03/09/26 10:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV125-0.17-1
Lab Sample ID: 180-202505-5
Date Collected: 03/03/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	21	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Acenaphthylene	ND		75	16	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Acetophenone	ND		750	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Anthracene	ND		75	19	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Atrazine	ND		750	160	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Benzaldehyde	ND		750	46	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Benzo[a]anthracene	**130**		75	34	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Benzo[a]pyrene	**140**		75	32	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Benzo[b]fluoranthene	**200**		75	18	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Benzo[g,h,i]perylene	**110**		75	16	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Benzo[k]fluoranthene	**82**		75	22	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Bis(2-chloroethyl)ether	ND		75	23	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Carbazole	ND		75	17	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
4-Chloroaniline	ND		370	98	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2-Chloronaphthalene	ND		75	17	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
4-Chlorophenyl phenyl ether	ND		370	120	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Chrysene	**160**		75	41	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Dibenz(a,h)anthracene	ND		75	48	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2,4-Dichlorophenol	ND		75	29	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Dimethyl phthalate	ND		750	410	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Di-n-butyl phthalate	ND		3700	780	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
4,6-Dinitro-2-methylphenol	ND		1900	640	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2,4-Dinitrotoluene	ND		370	220	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
1,4-Dioxane	ND		750	230	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Fluoranthene	**290**		75	20	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Fluorene	ND		75	15	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Hexachlorobenzene	ND		75	27	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Hexachlorobutadiene	ND		75	22	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Indeno[1,2,3-cd]pyrene	**96**		75	37	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2-Methylnaphthalene	ND		75	18	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV125-0.17-1
Lab Sample ID: 180-202505-5
Date Collected: 03/03/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.1

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Naphthalene	ND		75	15	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
3-Nitroaniline	ND		1900	95	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Nitrobenzene	ND		750	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
N-Nitrosodi-n-propylamine	ND		75	25	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
N-Nitrosodiphenylamine	ND		370	120	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2,2'-oxybis[1-chloropropane]	ND		75	28	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Pentachlorophenol	ND		1900	600	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Phenanthrene	**100**		75	20	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
Pyrene	**230**		75	26	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1
2,4,6-Trichlorophenol	ND		370	120	ug/Kg	☼	03/05/26 12:19	03/09/26 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*44 - 105*	*03/05/26 12:19*	*03/09/26 17:37*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*03/05/26 12:19*	*03/09/26 17:37*	*1*
Nitrobenzene-d5 (Surr)	*70*		*46 - 105*	*03/05/26 12:19*	*03/09/26 17:37*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*03/05/26 12:19*	*03/09/26 17:37*	*1*
Terphenyl-d14 (Surr)	*63*		*39 - 105*	*03/05/26 12:19*	*03/09/26 17:37*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*34 - 108*	*03/05/26 12:19*	*03/09/26 17:37*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.0	ug/Kg	☼	03/05/26 12:40	03/10/26 03:33	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/05/26 12:40	03/10/26 03:33	1
PCB-1232	ND		19	4.5	ug/Kg	☼	03/05/26 12:40	03/10/26 03:33	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/05/26 12:40	03/10/26 03:33	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 12:40	03/10/26 03:33	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/05/26 12:40	03/10/26 03:33	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/05/26 12:40	03/10/26 03:33	1
PCB-1262	ND		19	6.5	ug/Kg	☼	03/05/26 12:40	03/10/26 03:33	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 12:40	03/10/26 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*87*		*26 - 142*	*03/05/26 12:40*	*03/10/26 03:33*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*26 - 142*	*03/05/26 12:40*	*03/10/26 03:33*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/05/26 12:40*	*03/10/26 03:33*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/05/26 12:40*	*03/10/26 03:33*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		31	9.4	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Antimony	ND		5.2	1.8	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV125-0.17-1
Lab Sample ID: 180-202505-5
Date Collected: 03/03/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.1

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		5.2	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Barium	75		0.52	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Beryllium	0.51	J	0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Cadmium	ND		0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Calcium	27000		52	22	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Chromium	15		1.6	0.62	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Cobalt	8.0		0.52	0.15	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Copper	23		2.1	0.80	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Iron	22000		21	8.3	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Lead	17		1.6	0.62	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Magnesium	5800		21	4.2	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Manganese	410		1.0	0.42	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Nickel	20		1.0	0.42	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Potassium	1500		100	36	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Selenium	ND		5.2	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Silver	ND		1.0	0.42	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Sodium	66	J	100	42	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Thallium	ND		3.1	1.4	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Vanadium	17		1.0	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1
Zinc	81		2.1	0.83	mg/Kg	☼	03/07/26 07:30	03/10/26 14:25	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033	J	0.063	0.021	mg/Kg	☼	03/09/26 10:45	03/09/26 19:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.9		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	89.1		0.1	0.1	%			03/09/26 10:59	1

Client Sample ID: SSHS-IRM5A2-SCV125-0.5-1
Lab Sample ID: 180-202505-6
Date Collected: 03/03/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 90.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**8.0**	**J H H3**	16	4.9	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Acetone	ND		970	290	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Benzene	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Benzene	ND		240	24	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Bromoform	ND	H H3	8.2	4.1	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Bromoform	ND		480	240	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Bromomethane	ND	H H3	4.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Bromomethane	ND		240	78	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
2-Butanone (MEK)	ND	H H3	8.2	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
2-Butanone (MEK)	ND		480	97	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Carbon disulfide	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Carbon disulfide	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Carbon tetrachloride	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Carbon tetrachloride	ND		240	97	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Chlorobenzene	ND	H H3	4.1	0.74	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Chlorobenzene	ND		240	24	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Chlorobromomethane	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Chlorobromomethane	ND		240	34	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Chlorodibromomethane	ND	H H3	4.1	0.41	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Chlorodibromomethane	ND		240	97	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Chloroethane	ND	H H3	4.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Chloroethane	ND		240	73	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Chloroform	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Chloroform	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Chloromethane	ND	H H3	4.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Chloromethane	ND		240	44	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
cis-1,2-Dichloroethene	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
cis-1,2-Dichloroethene	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
cis-1,3-Dichloropropene	ND	H H3	4.1	0.49	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
cis-1,3-Dichloropropene	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Cyclohexane	ND	H H3	4.1	0.74	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Cyclohexane	ND		240	24	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,2-Dibromo-3-Chloropropane	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,2-Dibromo-3-Chloropropane	ND		240	48	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,2-Dibromoethane	ND	H H3	4.1	0.58	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,2-Dibromoethane	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,2-Dichlorobenzene	ND	H H3	4.1	0.74	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,2-Dichlorobenzene	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,3-Dichlorobenzene	ND	H H3	4.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,3-Dichlorobenzene	ND		240	24	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,4-Dichlorobenzene	ND	H H3	4.1	0.74	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,4-Dichlorobenzene	ND		240	24	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Dichlorobromomethane	ND	H H3	4.1	0.58	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Dichlorobromomethane	ND		240	34	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Dichlorodifluoromethane	ND	H H3	4.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Dichlorodifluoromethane	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,1-Dichloroethane	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,1-Dichloroethane	ND		240	24	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,2-Dichloroethane	ND	H H3	4.1	0.49	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV125-0.5-1
Lab Sample ID: 180-202505-6
Date Collected: 03/03/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 90.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,1-Dichloroethene	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,1-Dichloroethene	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,2-Dichloroethene, Total	ND	H H3	8.2	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,2-Dichloroethene, Total	ND		480	48	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,2-Dichloropropane	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,2-Dichloropropane	ND		240	24	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,4-Dioxane	ND	H H3	210	30	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,4-Dioxane	ND		12000	2700	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Ethylbenzene	ND	H H3	4.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Ethylbenzene	ND		240	19	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
2-Hexanone	ND	H H3	8.2	2.1	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
2-Hexanone	ND		480	73	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Isopropylbenzene	ND	H H3	4.1	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Isopropylbenzene	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Methyl acetate	**1.3**	**J H H3**	4.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Methyl acetate	**180**	**J**	240	48	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Methylcyclohexane	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Methylcyclohexane	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Methylene Chloride	**3.1**	**J H H3**	4.1	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Methylene Chloride	ND		240	97	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
4-Methyl-2-pentanone (MIBK)	ND	H H3	8.2	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
4-Methyl-2-pentanone (MIBK)	ND		480	73	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Methyl tert-butyl ether	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Methyl tert-butyl ether	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
m-Xylene & p-Xylene	ND	H H3	4.1	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
m-Xylene & p-Xylene	ND		240	48	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
o-Xylene	ND	H H3	4.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
o-Xylene	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Styrene	ND	H H3	4.1	0.74	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Styrene	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,1,2,2-Tetrachloroethane	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,1,2,2-Tetrachloroethane	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Tetrachloroethene	ND	H H3	4.1	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Tetrachloroethene	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Toluene	ND	H H3	4.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Toluene	**29**	**J**	240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
trans-1,2-Dichloroethene	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
trans-1,2-Dichloroethene	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
trans-1,3-Dichloropropene	ND	H H3	4.1	0.49	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
trans-1,3-Dichloropropene	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,2,3-Trichlorobenzene	ND	H H3	8.2	4.1	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,2,3-Trichlorobenzene	ND		480	240	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,2,4-Trichlorobenzene	ND	H H3	8.2	4.1	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,2,4-Trichlorobenzene	ND		480	240	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,1,1-Trichloroethane	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,1,1-Trichloroethane	ND		240	34	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,1,2-Trichloroethane	ND	H H3	4.1	0.58	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,1,2-Trichloroethane	ND		240	24	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV125-0.5-1
Lab Sample ID: 180-202505-6
Date Collected: 03/03/26 08:25
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 90.0

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Trichloroethene	ND		240	29	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Trichlorofluoromethane	ND	H H3	4.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Trichlorofluoromethane	ND		240	39	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	8.2	0.74	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		480	34	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Vinyl chloride	ND	H H3	4.1	0.66	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Vinyl chloride	ND		240	39	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50
Xylenes, Total	ND	H H3	8.2	0.58	ug/Kg	☼	03/05/26 09:41	03/16/26 12:04	1
Xylenes, Total	ND		240	68	ug/Kg	☼	03/13/26 23:58	03/16/26 23:53	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*50 - 131*	*03/05/26 09:41*	*03/16/26 12:04*	*1*
Dibromofluoromethane (Surr)	*56*		*50 - 141*	*03/13/26 23:58*	*03/16/26 23:53*	*50*
1,2-Dichloroethane-d4 (Surr)	*60*		*54 - 135*	*03/13/26 23:58*	*03/16/26 23:53*	*50*
Dibromofluoromethane (Surr)	*94*		*50 - 141*	*03/05/26 09:41*	*03/16/26 12:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*54 - 135*	*03/05/26 09:41*	*03/16/26 12:04*	*1*
Toluene-d8 (Surr)	*57*		*52 - 141*	*03/13/26 23:58*	*03/16/26 23:53*	*50*
4-Bromofluorobenzene (Surr)	*58*		*50 - 131*	*03/13/26 23:58*	*03/16/26 23:53*	*50*
Toluene-d8 (Surr)	*103*		*52 - 141*	*03/05/26 09:41*	*03/16/26 12:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**10.0**		1.0	1.0	%			03/06/26 10:08	1

Client Sample ID: SSHS-IRM5A2-SCV126-0-0.17
Lab Sample ID: 180-202505-7
Date Collected: 03/03/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Acenaphthylene	ND		79	17	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Acetophenone	ND		790	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Anthracene	ND		79	20	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Atrazine	ND		790	170	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Benzaldehyde	ND		790	49	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Benzo[a]anthracene	**38**	**J**	79	36	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Benzo[a]pyrene	**40**	**J**	79	34	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Benzo[b]fluoranthene	**56**	**J**	79	19	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Benzo[g,h,i]perylene	**29**	**J**	79	17	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Benzo[k]fluoranthene	ND		79	24	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Bis(2-chloroethyl)ether	ND		79	24	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Caprolactam	ND		2000	260	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Carbazole	ND		79	18	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2-Chlorophenol	ND		390	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Chrysene	**46**	**J**	79	44	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Dibenz(a,h)anthracene	ND		79	50	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Dibenzofuran	ND		390	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Dimethyl phthalate	ND		790	440	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Di-n-butyl phthalate	ND		3900	820	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
4,6-Dinitro-2-methylphenol	ND		2000	680	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2,4-Dinitrotoluene	ND		390	240	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
1,4-Dioxane	ND		790	250	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Fluoranthene	**71**	**J**	79	21	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Fluorene	ND		79	15	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Indeno[1,2,3-cd]pyrene	ND		79	39	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Isophorone	ND		390	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2-Methylnaphthalene	ND		79	19	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1

Client Sample ID: SSHS-IRM5A2-SCV126-0-0.17
Lab Sample ID: 180-202505-7
Date Collected: 03/03/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	120	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Naphthalene	ND		79	15	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Nitrobenzene	ND		790	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2-Nitrophenol	ND		390	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Phenanthrene	**24**	**J**	79	21	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Phenol	ND		390	120	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
Pyrene	**62**	**J**	79	28	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
1,2,4,5-Tetrachlorobenzene	ND		390	160	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*44 - 105*	*03/05/26 12:19*	*03/09/26 18:00*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*03/05/26 12:19*	*03/09/26 18:00*	*1*
Nitrobenzene-d5 (Surr)	*69*		*46 - 105*	*03/05/26 12:19*	*03/09/26 18:00*	*1*
Phenol-d5 (Surr)	*66*		*46 - 105*	*03/05/26 12:19*	*03/09/26 18:00*	*1*
Terphenyl-d14 (Surr)	*64*		*39 - 105*	*03/05/26 12:19*	*03/09/26 18:00*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*34 - 108*	*03/05/26 12:19*	*03/09/26 18:00*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	03/05/26 12:40	03/10/26 03:51	1
PCB-1221	ND		20	7.0	ug/Kg	☼	03/05/26 12:40	03/10/26 03:51	1
PCB-1232	ND		20	4.8	ug/Kg	☼	03/05/26 12:40	03/10/26 03:51	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/05/26 12:40	03/10/26 03:51	1
PCB-1248	ND		20	4.7	ug/Kg	☼	03/05/26 12:40	03/10/26 03:51	1
PCB-1254	ND		20	5.9	ug/Kg	☼	03/05/26 12:40	03/10/26 03:51	1
PCB-1260	ND		20	5.6	ug/Kg	☼	03/05/26 12:40	03/10/26 03:51	1
PCB-1262	ND		20	7.0	ug/Kg	☼	03/05/26 12:40	03/10/26 03:51	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/05/26 12:40	03/10/26 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*86*		*26 - 142*	*03/05/26 12:40*	*03/10/26 03:51*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*26 - 142*	*03/05/26 12:40*	*03/10/26 03:51*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/05/26 12:40*	*03/10/26 03:51*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*17 - 144*	*03/05/26 12:40*	*03/10/26 03:51*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		35	11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Antimony	ND		5.8	2.0	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV126-0-0.17
Lab Sample ID: 180-202505-7
Date Collected: 03/03/26 08:35
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.8

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		5.8	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Barium	71		0.58	0.18	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Beryllium	0.52	J	0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Cadmium	ND		0.58	0.12	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Calcium	28000		58	25	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Chromium	15		1.8	0.70	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Cobalt	8.3		0.58	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Copper	25		2.3	0.90	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Iron	22000		23	9.4	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Lead	17		1.8	0.70	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Magnesium	6400		23	4.7	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Manganese	440		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Nickel	20		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Potassium	1500		120	41	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Selenium	ND		5.8	1.8	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Silver	ND		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Sodium	69	J	120	47	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Vanadium	17		1.2	0.50	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1
Zinc	71		2.3	0.94	mg/Kg	☼	03/07/26 07:30	03/10/26 14:29	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054	J	0.070	0.023	mg/Kg	☼	03/09/26 10:45	03/09/26 19:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.2		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	83.8		0.1	0.1	%			03/09/26 10:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV126-0.17-1
Lab Sample ID: 180-202505-8
Date Collected: 03/03/26 08:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		73	21	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Acenaphthylene	ND		73	16	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Acetophenone	ND		730	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Anthracene	ND		73	19	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Atrazine	ND		730	160	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Benzaldehyde	ND		730	45	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Benzo[a]anthracene	**110**		73	33	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Benzo[a]pyrene	**120**		73	32	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Benzo[b]fluoranthene	**180**		73	18	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Benzo[g,h,i]perylene	**88**		73	16	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Benzo[k]fluoranthene	**51**	**J**	73	22	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Bis(2-chloroethyl)ether	ND		73	23	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Carbazole	ND		73	17	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2-Chloronaphthalene	ND		73	17	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2-Chlorophenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Chrysene	**130**		73	41	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Dibenz(a,h)anthracene	ND		73	47	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Dibenzofuran	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2,4-Dichlorophenol	ND		73	28	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Dimethyl phthalate	ND		730	400	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Di-n-butyl phthalate	ND		3600	760	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
1,4-Dioxane	ND		730	230	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Fluoranthene	**260**		73	19	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Fluorene	ND		73	14	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Hexachlorobenzene	ND		73	26	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Hexachlorobutadiene	ND		73	21	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Hexachlorocyclopentadiene	ND		360	99	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Hexachloroethane	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Indeno[1,2,3-cd]pyrene	**73**		73	36	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Isophorone	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2-Methylnaphthalene	ND		73	18	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2-Methylphenol	ND		360	100	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1

Client Sample ID: SSHS-IRM5A2-SCV126-0.17-1
Lab Sample ID: 180-202505-8
Date Collected: 03/03/26 08:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Naphthalene	ND		73	14	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
3-Nitroaniline	ND		1900	93	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Nitrobenzene	ND		730	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2-Nitrophenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
N-Nitrosodi-n-propylamine	ND		73	25	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2,2'-oxybis[1-chloropropane]	ND		73	27	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Phenanthrene	**98**		73	20	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Phenol	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
Pyrene	**190**		73	26	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
1,2,4,5-Tetrachlorobenzene	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*44 - 105*	*03/05/26 12:19*	*03/09/26 18:22*	*1*
2-Fluorophenol (Surr)	*64*		*48 - 105*	*03/05/26 12:19*	*03/09/26 18:22*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*03/05/26 12:19*	*03/09/26 18:22*	*1*
Phenol-d5 (Surr)	*67*		*46 - 105*	*03/05/26 12:19*	*03/09/26 18:22*	*1*
Terphenyl-d14 (Surr)	*64*		*39 - 105*	*03/05/26 12:19*	*03/09/26 18:22*	*1*
2,4,6-Tribromophenol (Surr)	*66*		*34 - 108*	*03/05/26 12:19*	*03/09/26 18:22*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/05/26 12:40	03/10/26 04:09	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/05/26 12:40	03/10/26 04:09	1
PCB-1232	ND		19	4.5	ug/Kg	☼	03/05/26 12:40	03/10/26 04:09	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/05/26 12:40	03/10/26 04:09	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 12:40	03/10/26 04:09	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/05/26 12:40	03/10/26 04:09	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/05/26 12:40	03/10/26 04:09	1
PCB-1262	ND		19	6.5	ug/Kg	☼	03/05/26 12:40	03/10/26 04:09	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 12:40	03/10/26 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*91*		*26 - 142*	*03/05/26 12:40*	*03/10/26 04:09*	*1*
DCB Decachlorobiphenyl (Surr)	*89*		*26 - 142*	*03/05/26 12:40*	*03/10/26 04:09*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*17 - 144*	*03/05/26 12:40*	*03/10/26 04:09*	*1*
Tetrachloro-m-xylene (Surr)	*97*		*17 - 144*	*03/05/26 12:40*	*03/10/26 04:09*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		31	9.3	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Antimony	ND		5.2	1.8	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV126-0.17-1
Lab Sample ID: 180-202505-8
Date Collected: 03/03/26 08:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 89.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		5.2	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Barium	73		0.52	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Beryllium	0.51	J	0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Cadmium	ND		0.52	0.10	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Calcium	25000		52	22	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Chromium	16		1.6	0.62	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Cobalt	8.0		0.52	0.15	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Copper	27		2.1	0.80	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Iron	22000		21	8.3	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Lead	17		1.6	0.62	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Magnesium	5800		21	4.1	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Manganese	450		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Nickel	20		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Potassium	1400		100	36	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Selenium	ND		5.2	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Silver	ND		1.0	0.41	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Sodium	65	J	100	41	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Thallium	ND		3.1	1.3	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Vanadium	17		1.0	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1
Zinc	73		2.1	0.83	mg/Kg	☼	03/07/26 07:30	03/10/26 14:32	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047	J	0.062	0.021	mg/Kg	☼	03/09/26 10:45	03/09/26 19:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.6		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	89.4		0.1	0.1	%			03/09/26 10:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV126-0.5-1
Lab Sample ID: 180-202505-9
Date Collected: 03/03/26 08:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**110**	**H H3**	24	7.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Acetone	ND		1600	470	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Benzene	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Benzene	ND		390	39	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Bromoform	ND	H H3	12	6.0	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Bromoform	ND		780	390	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Bromomethane	ND	H H3	6.0	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Bromomethane	ND		390	120	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
2-Butanone (MEK)	ND	H H3	12	2.4	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
2-Butanone (MEK)	ND		780	160	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Carbon disulfide	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Carbon disulfide	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Carbon tetrachloride	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Carbon tetrachloride	ND		390	160	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Chlorobenzene	ND	H H3	6.0	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Chlorobenzene	ND		390	39	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Chlorobromomethane	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Chlorobromomethane	ND		390	54	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Chlorodibromomethane	ND	H H3	6.0	0.60	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Chlorodibromomethane	ND		390	160	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Chloroethane	ND	H H3	6.0	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Chloroethane	ND		390	120	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Chloroform	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Chloroform	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Chloromethane	ND	H H3	6.0	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Chloromethane	ND		390	70	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
cis-1,2-Dichloroethene	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
cis-1,2-Dichloroethene	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
cis-1,3-Dichloropropene	ND	H H3	6.0	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
cis-1,3-Dichloropropene	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Cyclohexane	ND	H H3	6.0	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Cyclohexane	ND		390	39	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,2-Dibromo-3-Chloropropane	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,2-Dibromo-3-Chloropropane	ND		390	78	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,2-Dibromoethane	ND	H H3	6.0	0.84	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,2-Dibromoethane	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,2-Dichlorobenzene	ND	H H3	6.0	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,2-Dichlorobenzene	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,3-Dichlorobenzene	ND	H H3	6.0	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,3-Dichlorobenzene	ND		390	39	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,4-Dichlorobenzene	ND	H H3	6.0	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,4-Dichlorobenzene	ND		390	39	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Dichlorobromomethane	ND	H H3	6.0	0.84	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Dichlorobromomethane	ND		390	54	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Dichlorodifluoromethane	ND	H H3	6.0	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Dichlorodifluoromethane	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,1-Dichloroethane	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,1-Dichloroethane	ND		390	39	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,2-Dichloroethane	ND	H H3	6.0	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV126-0.5-1
Lab Sample ID: 180-202505-9
Date Collected: 03/03/26 08:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,1-Dichloroethene	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,1-Dichloroethene	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,2-Dichloroethene, Total	ND	H H3	12	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,2-Dichloroethene, Total	ND		780	78	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,2-Dichloropropane	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,2-Dichloropropane	ND		390	39	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,4-Dioxane	ND	H H3	300	44	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,4-Dioxane	ND		19000	4300	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Ethylbenzene	ND	H H3	6.0	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Ethylbenzene	ND		390	31	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
2-Hexanone	ND	H H3	12	3.0	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
2-Hexanone	ND		780	120	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Isopropylbenzene	ND	H H3	6.0	1.8	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Isopropylbenzene	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Methyl acetate	**34**	**H H3**	6.0	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Methyl acetate	**970**		390	78	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Methylcyclohexane	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Methylcyclohexane	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Methylene Chloride	**8.2**	**H H3**	6.0	2.4	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Methylene Chloride	ND		390	160	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
4-Methyl-2-pentanone (MIBK)	ND	H H3	12	2.4	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
4-Methyl-2-pentanone (MIBK)	ND		780	120	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Methyl tert-butyl ether	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Methyl tert-butyl ether	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
m-Xylene & p-Xylene	ND	H H3	6.0	2.4	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
m-Xylene & p-Xylene	ND		390	78	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
o-Xylene	ND	H H3	6.0	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
o-Xylene	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Styrene	ND	H H3	6.0	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Styrene	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,1,2,2-Tetrachloroethane	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,1,2,2-Tetrachloroethane	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Tetrachloroethene	ND	H H3	6.0	1.8	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Tetrachloroethene	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Toluene	ND	H H3	6.0	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Toluene	**89**	**J**	390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
trans-1,2-Dichloroethene	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
trans-1,2-Dichloroethene	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
trans-1,3-Dichloropropene	ND	H H3	6.0	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
trans-1,3-Dichloropropene	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,2,3-Trichlorobenzene	ND	H H3	12	6.0	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,2,3-Trichlorobenzene	ND		780	390	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,2,4-Trichlorobenzene	ND	H H3	12	6.0	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,2,4-Trichlorobenzene	ND		780	390	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,1,1-Trichloroethane	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,1,1-Trichloroethane	ND		390	54	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,1,2-Trichloroethane	ND	H H3	6.0	0.84	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,1,2-Trichloroethane	ND		390	39	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV126-0.5-1
Lab Sample ID: 180-202505-9
Date Collected: 03/03/26 08:40
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Trichloroethene	ND		390	47	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Trichlorofluoromethane	ND	H H3	6.0	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Trichlorofluoromethane	ND		390	62	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	12	1.1	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		780	54	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Vinyl chloride	ND	H H3	6.0	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Vinyl chloride	ND		390	62	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50
Xylenes, Total	ND	H H3	12	0.84	ug/Kg	☼	03/05/26 09:41	03/16/26 12:28	1
Xylenes, Total	ND		390	110	ug/Kg	☼	03/13/26 23:58	03/17/26 00:14	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*50 - 131*	*03/05/26 09:41*	*03/16/26 12:28*	*1*
Dibromofluoromethane (Surr)	*82*		*50 - 141*	*03/13/26 23:58*	*03/17/26 00:14*	*50*
1,2-Dichloroethane-d4 (Surr)	*83*		*54 - 135*	*03/13/26 23:58*	*03/17/26 00:14*	*50*
Dibromofluoromethane (Surr)	*103*		*50 - 141*	*03/05/26 09:41*	*03/16/26 12:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*54 - 135*	*03/05/26 09:41*	*03/16/26 12:28*	*1*
Toluene-d8 (Surr)	*82*		*52 - 141*	*03/13/26 23:58*	*03/17/26 00:14*	*50*
4-Bromofluorobenzene (Surr)	*82*		*50 - 131*	*03/13/26 23:58*	*03/17/26 00:14*	*50*
Toluene-d8 (Surr)	*97*		*52 - 141*	*03/05/26 09:41*	*03/16/26 12:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.6**		1.0	1.0	%			03/06/26 10:08	1

Client Sample ID: SSHS-IRM5A2-SCV127-0-0.17
Lab Sample ID: 180-202505-10
Date Collected: 03/03/26 08:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		81	23	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Acenaphthylene	ND		81	18	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Acetophenone	ND		810	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Anthracene	ND		81	21	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Atrazine	ND		810	180	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Benzaldehyde	ND		810	50	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Benzo[a]anthracene	**42**	**J**	81	36	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Benzo[a]pyrene	**46**	**J**	81	35	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Benzo[b]fluoranthene	**64**	**J**	81	20	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Benzo[g,h,i]perylene	**33**	**J**	81	17	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Benzo[k]fluoranthene	ND		81	24	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
1,1'-Biphenyl	ND		400	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Bis(2-chloroethoxy)methane	ND		400	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Bis(2-chloroethyl)ether	ND		81	25	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Bis(2-ethylhexyl) phthalate	ND		4000	430	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
4-Bromophenyl phenyl ether	ND		400	170	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Butyl benzyl phthalate	ND		2000	280	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Caprolactam	ND		2000	260	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Carbazole	ND		81	19	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
4-Chloroaniline	ND		400	110	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
4-Chloro-3-methylphenol	ND		400	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2-Chloronaphthalene	ND		81	18	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2-Chlorophenol	ND		400	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
4-Chlorophenyl phenyl ether	ND		400	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Chrysene	**47**	**J**	81	44	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Dibenz(a,h)anthracene	ND		81	51	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Dibenzofuran	ND		400	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
3,3'-Dichlorobenzidine	ND		400	370	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2,4-Dichlorophenol	ND		81	31	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Diethyl phthalate	ND		400	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2,4-Dimethylphenol	ND		400	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Dimethyl phthalate	ND		810	440	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Di-n-butyl phthalate	ND		4000	830	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
4,6-Dinitro-2-methylphenol	ND		2000	690	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2,4-Dinitrophenol	ND		4000	2500	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2,4-Dinitrotoluene	ND		400	240	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2,6-Dinitrotoluene	ND		400	160	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Di-n-octyl phthalate	ND		400	230	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
1,4-Dioxane	ND		810	250	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Fluoranthene	**87**		81	21	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Fluorene	ND		81	16	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Hexachlorobenzene	ND		81	29	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Hexachlorobutadiene	ND		81	23	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Hexachlorocyclopentadiene	ND		400	110	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Hexachloroethane	ND		400	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Indeno[1,2,3-cd]pyrene	ND		81	40	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Isophorone	ND		400	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2-Methylnaphthalene	ND		81	19	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2-Methylphenol	ND		400	110	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1

Client Sample ID: SSHS-IRM5A2-SCV127-0-0.17
Lab Sample ID: 180-202505-10
Date Collected: 03/03/26 08:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.7

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		400	120	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Naphthalene	ND		81	16	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Nitrobenzene	ND		810	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2-Nitrophenol	ND		400	150	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
4-Nitrophenol	ND		2000	280	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
N-Nitrosodi-n-propylamine	ND		81	27	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
N-Nitrosodiphenylamine	ND		400	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2,2'-oxybis[1-chloropropane]	ND		81	30	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Pentachlorophenol	ND		2000	640	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Phenanthrene	**33**	**J**	81	22	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Phenol	ND		400	120	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
Pyrene	**72**	**J**	81	28	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
1,2,4,5-Tetrachlorobenzene	ND		400	160	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2,3,4,6-Tetrachlorophenol	ND		400	170	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2,4,5-Trichlorophenol	ND		400	140	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1
2,4,6-Trichlorophenol	ND		400	130	ug/Kg	☼	03/05/26 12:19	03/09/26 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*57*		*44 - 105*	*03/05/26 12:19*	*03/09/26 18:45*	*1*
2-Fluorophenol (Surr)	*62*		*48 - 105*	*03/05/26 12:19*	*03/09/26 18:45*	*1*
Nitrobenzene-d5 (Surr)	*63*		*46 - 105*	*03/05/26 12:19*	*03/09/26 18:45*	*1*
Phenol-d5 (Surr)	*62*		*46 - 105*	*03/05/26 12:19*	*03/09/26 18:45*	*1*
Terphenyl-d14 (Surr)	*58*		*39 - 105*	*03/05/26 12:19*	*03/09/26 18:45*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*34 - 108*	*03/05/26 12:19*	*03/09/26 18:45*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	03/05/26 12:40	03/10/26 04:27	1
PCB-1221	ND		20	7.1	ug/Kg	☼	03/05/26 12:40	03/10/26 04:27	1
PCB-1232	ND		20	4.9	ug/Kg	☼	03/05/26 12:40	03/10/26 04:27	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/05/26 12:40	03/10/26 04:27	1
PCB-1248	ND		20	4.8	ug/Kg	☼	03/05/26 12:40	03/10/26 04:27	1
PCB-1254	ND		20	6.0	ug/Kg	☼	03/05/26 12:40	03/10/26 04:27	1
PCB-1260	ND		20	5.7	ug/Kg	☼	03/05/26 12:40	03/10/26 04:27	1
PCB-1262	ND		20	7.0	ug/Kg	☼	03/05/26 12:40	03/10/26 04:27	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/05/26 12:40	03/10/26 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*26 - 142*	*03/05/26 12:40*	*03/10/26 04:27*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*26 - 142*	*03/05/26 12:40*	*03/10/26 04:27*	*1*
Tetrachloro-m-xylene (Surr)	*96*		*17 - 144*	*03/05/26 12:40*	*03/10/26 04:27*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/05/26 12:40*	*03/10/26 04:27*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		33	10	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Antimony	ND		5.6	1.9	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV127-0-0.17
Lab Sample ID: 180-202505-10
Date Collected: 03/03/26 08:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 81.7

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		5.6	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Barium	66		0.56	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Beryllium	0.48	J	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Cadmium	ND		0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Calcium	32000		56	23	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Chromium	14		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Cobalt	7.6		0.56	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Copper	22		2.2	0.86	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Iron	20000		22	8.9	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Lead	15		1.7	0.67	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Magnesium	6900		22	4.5	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Manganese	400		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Nickel	19		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Potassium	1400		110	39	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Selenium	ND		5.6	1.7	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Sodium	84	J	110	45	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Vanadium	16		1.1	0.48	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1
Zinc	68		2.2	0.89	mg/Kg	☼	03/07/26 07:30	03/10/26 14:36	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050	J	0.070	0.023	mg/Kg	☼	03/09/26 10:45	03/09/26 19:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	18.3		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	81.7		0.1	0.1	%			03/09/26 10:59	1

Client Sample ID: SSHS-IRM5A2-SCV127-0.17-1
Lab Sample ID: 180-202505-11
Date Collected: 03/03/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		74	21	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Acenaphthylene	ND		74	16	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Acetophenone	ND		740	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Anthracene	**51**	**J**	74	19	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Atrazine	ND		740	160	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Benzaldehyde	ND		740	46	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Benzo[a]anthracene	**220**		74	33	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Benzo[a]pyrene	**220**		74	32	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Benzo[b]fluoranthene	**310**		74	18	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Benzo[g,h,i]perylene	**150**		74	16	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Benzo[k]fluoranthene	**110**		74	22	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
1,1'-Biphenyl	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Bis(2-chloroethoxy)methane	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Bis(2-chloroethyl)ether	ND		74	23	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Bis(2-ethylhexyl) phthalate	ND		3600	390	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
4-Bromophenyl phenyl ether	ND		360	160	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Butyl benzyl phthalate	ND		1800	250	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Caprolactam	ND		1900	240	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Carbazole	**24**	**J**	74	17	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
4-Chloroaniline	ND		360	96	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
4-Chloro-3-methylphenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2-Chloronaphthalene	ND		74	17	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2-Chlorophenol	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
4-Chlorophenyl phenyl ether	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Chrysene	**240**		74	41	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Dibenz(a,h)anthracene	ND		74	47	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Dibenzofuran	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
3,3'-Dichlorobenzidine	ND		360	340	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2,4-Dichlorophenol	ND		74	28	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Diethyl phthalate	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2,4-Dimethylphenol	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Dimethyl phthalate	ND		740	410	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Di-n-butyl phthalate	ND		3600	770	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
4,6-Dinitro-2-methylphenol	ND		1900	630	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2,4-Dinitrophenol	ND		3600	2300	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2,4-Dinitrotoluene	ND		360	220	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2,6-Dinitrotoluene	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Di-n-octyl phthalate	ND		360	210	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
1,4-Dioxane	ND		740	230	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Fluoranthene	**550**		74	19	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Fluorene	ND		74	14	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Hexachlorobenzene	ND		74	26	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Hexachlorobutadiene	ND		74	21	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Hexachlorocyclopentadiene	ND		360	100	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Hexachloroethane	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Indeno[1,2,3-cd]pyrene	**130**		74	37	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Isophorone	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2-Methylnaphthalene	ND		74	18	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2-Methylphenol	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1

Client Sample ID: SSHS-IRM5A2-SCV127-0.17-1
Lab Sample ID: 180-202505-11
Date Collected: 03/03/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.2

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Naphthalene	ND		74	14	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
3-Nitroaniline	ND		1900	93	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Nitrobenzene	ND		740	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2-Nitrophenol	ND		360	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
4-Nitrophenol	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
N-Nitrosodi-n-propylamine	ND		74	25	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
N-Nitrosodiphenylamine	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2,2'-oxybis[1-chloropropane]	ND		74	27	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Pentachlorophenol	ND		1900	590	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Phenanthrene	**310**		74	20	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Phenol	ND		360	110	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
Pyrene	**430**		74	26	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
1,2,4,5-Tetrachlorobenzene	ND		360	150	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2,3,4,6-Tetrachlorophenol	ND		360	150	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2,4,5-Trichlorophenol	ND		360	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1
2,4,6-Trichlorophenol	ND		360	120	ug/Kg	☼	03/05/26 12:19	03/09/26 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*44 - 105*	*03/05/26 12:19*	*03/09/26 19:08*	*1*
2-Fluorophenol (Surr)	*62*		*48 - 105*	*03/05/26 12:19*	*03/09/26 19:08*	*1*
Nitrobenzene-d5 (Surr)	*66*		*46 - 105*	*03/05/26 12:19*	*03/09/26 19:08*	*1*
Phenol-d5 (Surr)	*63*		*46 - 105*	*03/05/26 12:19*	*03/09/26 19:08*	*1*
Terphenyl-d14 (Surr)	*60*		*39 - 105*	*03/05/26 12:19*	*03/09/26 19:08*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*34 - 108*	*03/05/26 12:19*	*03/09/26 19:08*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/05/26 12:40	03/10/26 04:45	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/05/26 12:40	03/10/26 04:45	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 12:40	03/10/26 04:45	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/05/26 12:40	03/10/26 04:45	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 12:40	03/10/26 04:45	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/05/26 12:40	03/10/26 04:45	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/05/26 12:40	03/10/26 04:45	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/05/26 12:40	03/10/26 04:45	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 12:40	03/10/26 04:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*89*		*26 - 142*	*03/05/26 12:40*	*03/10/26 04:45*	*1*
DCB Decachlorobiphenyl (Surr)	*89*		*26 - 142*	*03/05/26 12:40*	*03/10/26 04:45*	*1*
Tetrachloro-m-xylene (Surr)	*101*		*17 - 144*	*03/05/26 12:40*	*03/10/26 04:45*	*1*
Tetrachloro-m-xylene (Surr)	*100*		*17 - 144*	*03/05/26 12:40*	*03/10/26 04:45*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		34	10	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Antimony	ND		5.7	1.9	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1

Client Sample ID: SSHS-IRM5A2-SCV127-0.17-1
Lab Sample ID: 180-202505-11

Date Collected: 03/03/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 88.2

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		5.7	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Barium	78		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Beryllium	0.56	J	0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Cadmium	ND		0.57	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Calcium	19000		57	24	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Chromium	16		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Cobalt	8.4		0.57	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Copper	22		2.3	0.87	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Iron	22000		23	9.1	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Lead	19		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Magnesium	5700		23	4.5	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Manganese	440		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Nickel	20		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Potassium	1500		110	40	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Selenium	ND		5.7	1.7	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Sodium	66	J	110	45	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Vanadium	18		1.1	0.49	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1
Zinc	77		2.3	0.91	mg/Kg	☼	03/07/26 07:30	03/10/26 14:42	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040	J	0.063	0.021	mg/Kg	☼	03/09/26 10:45	03/09/26 19:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	11.8		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	88.2		0.1	0.1	%			03/09/26 10:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV127-0.5-1
Lab Sample ID: 180-202505-12
Date Collected: 03/03/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**46**	**H H3**	17	5.1	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Benzene	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Bromoform	ND	H H3	8.5	4.3	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Bromomethane	ND	H H3	4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
2-Butanone (MEK)	ND	H H3	8.5	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Carbon disulfide	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Carbon tetrachloride	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Chlorobenzene	ND	H H3	4.3	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Chlorobromomethane	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Chlorodibromomethane	ND	H H3	4.3	0.43	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Chloroethane	ND	H H3	4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Chloroform	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Chloromethane	ND	H H3	4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
cis-1,2-Dichloroethene	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
cis-1,3-Dichloropropene	ND	H H3	4.3	0.51	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Cyclohexane	ND	H H3	4.3	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,2-Dibromo-3-Chloropropane	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,2-Dibromoethane	ND	H H3	4.3	0.60	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,2-Dichlorobenzene	ND	H H3	4.3	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,3-Dichlorobenzene	ND	H H3	4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,4-Dichlorobenzene	ND	H H3	4.3	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Dichlorobromomethane	ND	H H3	4.3	0.60	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Dichlorodifluoromethane	ND	H H3	4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,1-Dichloroethane	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,2-Dichloroethane	ND	H H3	4.3	0.51	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,1-Dichloroethene	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,2-Dichloroethene, Total	ND	H H3	8.5	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,2-Dichloropropane	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,4-Dioxane	ND	H H3	210	32	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Ethylbenzene	ND	H H3	4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
2-Hexanone	ND	H H3	8.5	2.1	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Isopropylbenzene	ND	H H3	4.3	1.3	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Methyl acetate	**4.7**	**H H3**	4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Methylcyclohexane	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Methylene Chloride	**4.6**	**H H3**	4.3	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	8.5	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Methyl tert-butyl ether	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
m-Xylene & p-Xylene	ND	H H3	4.3	1.7	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
o-Xylene	ND	H H3	4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Styrene	ND	H H3	4.3	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,1,2,2-Tetrachloroethane	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Tetrachloroethene	ND	H H3	4.3	1.3	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Toluene	ND	H H3	4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
trans-1,2-Dichloroethene	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
trans-1,3-Dichloropropene	ND	H H3	4.3	0.51	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,2,3-Trichlorobenzene	ND	H H3	8.5	4.3	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,2,4-Trichlorobenzene	ND	H H3	8.5	4.3	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,1,1-Trichloroethane	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,1,2-Trichloroethane	ND	H H3	4.3	0.60	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV127-0.5-1
Lab Sample ID: 180-202505-12
Date Collected: 03/03/26 08:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.2

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Trichlorofluoromethane	ND	H H3	4.3	0.85	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	8.5	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Vinyl chloride	ND	H H3	4.3	0.68	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1
Xylenes, Total	ND	H H3	8.5	0.60	ug/Kg	☼	03/05/26 09:41	03/16/26 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*50 - 131*	*03/05/26 09:41*	*03/16/26 12:52*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 141*	*03/05/26 09:41*	*03/16/26 12:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*54 - 135*	*03/05/26 09:41*	*03/16/26 12:52*	*1*
Toluene-d8 (Surr)	*98*		*52 - 141*	*03/05/26 09:41*	*03/16/26 12:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	12.8		1.0	1.0	%			03/06/26 10:08	1

Client Sample ID: SSHS-IRM5A2-SCV128-0-0.17
Lab Sample ID: 180-202505-13

Date Collected: 03/03/26 08:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 82.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	23	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Acenaphthylene	ND		79	17	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Acetophenone	ND		790	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Anthracene	ND		79	20	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Atrazine	ND		790	170	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Benzaldehyde	ND		790	49	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Benzo[a]anthracene	ND		79	35	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Benzo[a]pyrene	ND		79	34	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Benzo[b]fluoranthene	**22**	**J**	79	19	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Benzo[g,h,i]perylene	ND		79	17	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Benzo[k]fluoranthene	ND		79	23	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Bis(2-chloroethyl)ether	ND		79	24	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Carbazole	ND		79	18	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2-Chloronaphthalene	ND		79	18	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2-Chlorophenol	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Chrysene	ND		79	43	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Dibenz(a,h)anthracene	ND		79	50	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Dibenzofuran	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
3,3'-Dichlorobenzidine	ND		390	370	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2,4-Dichlorophenol	ND		79	30	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Dimethyl phthalate	ND		790	430	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Di-n-butyl phthalate	ND		3900	810	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
1,4-Dioxane	ND		790	250	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Fluoranthene	**30**	**J**	79	21	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Fluorene	ND		79	15	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Hexachlorobenzene	ND		79	28	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Hexachlorobutadiene	ND		79	23	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Indeno[1,2,3-cd]pyrene	ND		79	39	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Isophorone	ND		390	150	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2-Methylnaphthalene	ND		79	19	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1

Client Sample ID: SSHS-IRM5A2-SCV128-0-0.17
Lab Sample ID: 180-202505-13
Date Collected: 03/03/26 08:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 82.5

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	110	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Naphthalene	ND		79	15	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
3-Nitroaniline	ND		2000	100	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Nitrobenzene	ND		790	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2-Nitrophenol	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
N-Nitrosodi-n-propylamine	ND		79	27	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2,2'-oxybis[1-chloropropane]	ND		79	29	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Phenanthrene	ND		79	21	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Phenol	ND		390	120	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
Pyrene	ND		79	28	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
1,2,4,5-Tetrachlorobenzene	ND		390	150	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*56*		*44 - 105*	*03/05/26 12:19*	*03/09/26 19:30*	*1*
2-Fluorophenol (Surr)	*58*		*48 - 105*	*03/05/26 12:19*	*03/09/26 19:30*	*1*
Nitrobenzene-d5 (Surr)	*62*		*46 - 105*	*03/05/26 12:19*	*03/09/26 19:30*	*1*
Phenol-d5 (Surr)	*60*		*46 - 105*	*03/05/26 12:19*	*03/09/26 19:30*	*1*
Terphenyl-d14 (Surr)	*56*		*39 - 105*	*03/05/26 12:19*	*03/09/26 19:30*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*34 - 108*	*03/05/26 12:19*	*03/09/26 19:30*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.5	ug/Kg	☼	03/05/26 12:40	03/10/26 05:03	1
PCB-1221	ND		20	7.1	ug/Kg	☼	03/05/26 12:40	03/10/26 05:03	1
PCB-1232	ND		20	4.9	ug/Kg	☼	03/05/26 12:40	03/10/26 05:03	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/05/26 12:40	03/10/26 05:03	1
PCB-1248	ND		20	4.8	ug/Kg	☼	03/05/26 12:40	03/10/26 05:03	1
PCB-1254	ND		20	6.0	ug/Kg	☼	03/05/26 12:40	03/10/26 05:03	1
PCB-1260	ND		20	5.7	ug/Kg	☼	03/05/26 12:40	03/10/26 05:03	1
PCB-1262	ND		20	7.1	ug/Kg	☼	03/05/26 12:40	03/10/26 05:03	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/05/26 12:40	03/10/26 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*26 - 142*	*03/05/26 12:40*	*03/10/26 05:03*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*26 - 142*	*03/05/26 12:40*	*03/10/26 05:03*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/05/26 12:40*	*03/10/26 05:03*	*1*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*	*03/05/26 12:40*	*03/10/26 05:03*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		36	11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Antimony	ND		5.9	2.0	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1

Client Sample ID: SSHS-IRM5A2-SCV128-0-0.17
Lab Sample ID: 180-202505-13

Date Collected: 03/03/26 08:55
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 82.5

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		5.9	1.7	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Barium	73		0.59	0.18	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Beryllium	0.51	J	0.59	0.12	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Cadmium	ND		0.59	0.12	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Calcium	32000		59	25	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Chromium	14		1.8	0.71	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Cobalt	7.6		0.59	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Copper	22		2.4	0.91	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Iron	21000		24	9.5	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Lead	14		1.8	0.71	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Magnesium	11000		24	4.8	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Manganese	410		1.2	0.48	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Nickel	19		1.2	0.48	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Potassium	1500		120	42	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Selenium	ND		5.9	1.8	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Silver	ND		1.2	0.48	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Sodium	86	J	120	48	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Thallium	ND		3.6	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Vanadium	17		1.2	0.51	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1
Zinc	64		2.4	0.95	mg/Kg	☼	03/07/26 07:30	03/10/26 14:46	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035	J	0.068	0.023	mg/Kg	☼	03/09/26 10:45	03/09/26 19:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.5		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	82.5		0.1	0.1	%			03/09/26 10:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV128-0.17-1
Lab Sample ID: 180-202505-14
Date Collected: 03/03/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		76	22	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Acenaphthylene	ND		76	17	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Acetophenone	ND		760	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Anthracene	ND		76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Atrazine	ND		760	170	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Benzaldehyde	ND		760	47	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Benzo[a]anthracene	**97**		76	34	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Benzo[a]pyrene	**100**		76	33	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Benzo[b]fluoranthene	**150**		76	19	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Benzo[g,h,i]perylene	**76**		76	16	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Benzo[k]fluoranthene	**47**	**J**	76	23	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
1,1'-Biphenyl	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Bis(2-chloroethoxy)methane	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Bis(2-chloroethyl)ether	ND		76	23	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Bis(2-ethylhexyl) phthalate	ND		3700	400	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
4-Bromophenyl phenyl ether	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Caprolactam	ND		1900	250	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Carbazole	ND		76	18	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
4-Chloroaniline	ND		370	99	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
4-Chloro-3-methylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2-Chloronaphthalene	ND		76	17	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2-Chlorophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
4-Chlorophenyl phenyl ether	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Chrysene	**100**		76	42	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Dibenz(a,h)anthracene	ND		76	48	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Dibenzofuran	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
3,3'-Dichlorobenzidine	ND		370	350	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2,4-Dichlorophenol	ND		76	29	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Diethyl phthalate	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2,4-Dimethylphenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Dimethyl phthalate	ND		760	420	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Di-n-butyl phthalate	ND		3700	790	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
4,6-Dinitro-2-methylphenol	ND		1900	650	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2,4-Dinitrophenol	ND		3700	2300	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2,4-Dinitrotoluene	ND		370	230	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2,6-Dinitrotoluene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Di-n-octyl phthalate	ND		370	220	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
1,4-Dioxane	ND		760	240	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Fluoranthene	**210**		76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Fluorene	ND		76	15	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Hexachlorobenzene	ND		76	27	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Hexachlorobutadiene	ND		76	22	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Hexachlorocyclopentadiene	ND		370	100	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Hexachloroethane	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Indeno[1,2,3-cd]pyrene	**66**	**J**	76	38	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Isophorone	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2-Methylnaphthalene	ND		76	18	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2-Methylphenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1

Client Sample ID: SSHS-IRM5A2-SCV128-0.17-1
Lab Sample ID: 180-202505-14
Date Collected: 03/03/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Naphthalene	ND		76	15	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2-Nitroaniline	ND		1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
3-Nitroaniline	ND		1900	96	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Nitrobenzene	ND		760	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2-Nitrophenol	ND		370	140	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
N-Nitrosodi-n-propylamine	ND		76	26	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
N-Nitrosodiphenylamine	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2,2'-oxybis[1-chloropropane]	ND		76	28	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Phenanthrene	**94**		76	20	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Phenol	ND		370	110	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
Pyrene	**170**		76	27	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
1,2,4,5-Tetrachlorobenzene	ND		370	150	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2,3,4,6-Tetrachlorophenol	ND		370	160	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2,4,5-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1
2,4,6-Trichlorophenol	ND		370	130	ug/Kg	☼	03/05/26 12:19	03/09/26 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*67*		*44 - 105*	*03/05/26 12:19*	*03/09/26 19:52*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*03/05/26 12:19*	*03/09/26 19:52*	*1*
Nitrobenzene-d5 (Surr)	*73*		*46 - 105*	*03/05/26 12:19*	*03/09/26 19:52*	*1*
Phenol-d5 (Surr)	*69*		*46 - 105*	*03/05/26 12:19*	*03/09/26 19:52*	*1*
Terphenyl-d14 (Surr)	*66*		*39 - 105*	*03/05/26 12:19*	*03/09/26 19:52*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*34 - 108*	*03/05/26 12:19*	*03/09/26 19:52*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.1	ug/Kg	☼	03/05/26 12:40	03/10/26 05:21	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/05/26 12:40	03/10/26 05:21	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 12:40	03/10/26 05:21	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 12:40	03/10/26 05:21	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/05/26 12:40	03/10/26 05:21	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 12:40	03/10/26 05:21	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 12:40	03/10/26 05:21	1
PCB-1262	ND		19	6.6	ug/Kg	☼	03/05/26 12:40	03/10/26 05:21	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/05/26 12:40	03/10/26 05:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*85*		*26 - 142*	*03/05/26 12:40*	*03/10/26 05:21*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*26 - 142*	*03/05/26 12:40*	*03/10/26 05:21*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/05/26 12:40*	*03/10/26 05:21*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/05/26 12:40*	*03/10/26 05:21*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9900**		32	9.6	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Antimony	ND		5.4	1.8	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1

Client Sample ID: SSHS-IRM5A2-SCV128-0.17-1
Lab Sample ID: 180-202505-14
Date Collected: 03/03/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.4

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		5.4	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Barium	67		0.54	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Beryllium	0.46	J	0.54	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Cadmium	ND		0.54	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Calcium	24000		54	23	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Chromium	14		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Cobalt	7.3		0.54	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Copper	23		2.1	0.83	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Iron	20000		21	8.6	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Lead	15		1.6	0.64	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Magnesium	5500		21	4.3	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Manganese	370		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Nickel	18		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Potassium	1300		110	38	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Selenium	ND		5.4	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Silver	ND		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Sodium	60	J	110	43	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Thallium	ND		3.2	1.4	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Vanadium	16		1.1	0.46	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1
Zinc	67		2.1	0.86	mg/Kg	☼	03/07/26 07:30	03/10/26 14:49	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055	J	0.066	0.022	mg/Kg	☼	03/09/26 10:45	03/09/26 19:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	13.6		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	86.4		0.1	0.1	%			03/09/26 10:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-05
Lab Sample ID: 180-202505-15
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	22	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Acenaphthylene	ND		78	17	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Acetophenone	ND		780	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Anthracene	ND		78	20	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Atrazine	ND		780	170	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Benzaldehyde	ND		780	48	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Benzo[a]anthracene	**61**	**J**	78	35	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Benzo[a]pyrene	**68**	**J**	78	34	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Benzo[b]fluoranthene	**99**		78	19	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Benzo[g,h,i]perylene	**49**	**J**	78	17	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Benzo[k]fluoranthene	**34**	**J**	78	23	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
1,1'-Biphenyl	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Bis(2-chloroethoxy)methane	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Bis(2-chloroethyl)ether	ND		78	24	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Bis(2-ethylhexyl) phthalate	ND		3900	420	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
4-Bromophenyl phenyl ether	ND		390	170	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Butyl benzyl phthalate	ND		2000	270	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Carbazole	ND		78	18	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
4-Chloroaniline	ND		390	100	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
4-Chloro-3-methylphenol	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2-Chloronaphthalene	ND		78	18	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2-Chlorophenol	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
4-Chlorophenyl phenyl ether	ND		390	130	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Chrysene	**72**	**J**	78	43	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Dibenz(a,h)anthracene	ND		78	50	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Dibenzofuran	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
3,3'-Dichlorobenzidine	ND		390	360	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2,4-Dichlorophenol	ND		78	30	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Diethyl phthalate	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2,4-Dimethylphenol	ND		390	130	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Dimethyl phthalate	ND		780	430	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Di-n-butyl phthalate	ND		3900	810	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
4,6-Dinitro-2-methylphenol	ND		2000	670	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2,4-Dinitrophenol	ND		3900	2400	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2,4-Dinitrotoluene	ND		390	230	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2,6-Dinitrotoluene	ND		390	150	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Di-n-octyl phthalate	ND		390	230	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
1,4-Dioxane	ND		780	240	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Fluoranthene	**140**		78	21	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Fluorene	ND		78	15	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Hexachlorobenzene	ND		78	28	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Hexachlorobutadiene	ND		78	23	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Hexachlorocyclopentadiene	ND		390	110	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Hexachloroethane	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Indeno[1,2,3-cd]pyrene	**42**	**J**	78	39	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Isophorone	ND		390	150	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2-Methylnaphthalene	ND		78	19	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2-Methylphenol	ND		390	110	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-05
Lab Sample ID: 180-202505-15

Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 83.9

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		390	110	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Naphthalene	ND		78	15	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
3-Nitroaniline	ND		2000	99	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
4-Nitroaniline	ND		2000	150	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Nitrobenzene	ND		780	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2-Nitrophenol	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
N-Nitrosodi-n-propylamine	ND		78	26	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
N-Nitrosodiphenylamine	ND		390	130	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2,2'-oxybis[1-chloropropane]	ND		78	29	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Pentachlorophenol	ND		2000	630	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Phenanthrene	**60**	**J**	78	21	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Phenol	ND		390	120	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
Pyrene	**110**		78	27	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
1,2,4,5-Tetrachlorobenzene	ND		390	150	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2,3,4,6-Tetrachlorophenol	ND		390	160	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2,4,5-Trichlorophenol	ND		390	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1
2,4,6-Trichlorophenol	ND		390	130	ug/Kg	☼	03/05/26 12:19	03/09/26 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*44 - 105*	*03/05/26 12:19*	*03/09/26 20:15*	*1*
2-Fluorophenol (Surr)	*66*		*48 - 105*	*03/05/26 12:19*	*03/09/26 20:15*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*03/05/26 12:19*	*03/09/26 20:15*	*1*
Phenol-d5 (Surr)	*68*		*46 - 105*	*03/05/26 12:19*	*03/09/26 20:15*	*1*
Terphenyl-d14 (Surr)	*62*		*39 - 105*	*03/05/26 12:19*	*03/09/26 20:15*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*34 - 108*	*03/05/26 12:19*	*03/09/26 20:15*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	6.4	ug/Kg	☼	03/05/26 12:40	03/10/26 05:39	1
PCB-1221	ND		20	7.0	ug/Kg	☼	03/05/26 12:40	03/10/26 05:39	1
PCB-1232	ND		20	4.8	ug/Kg	☼	03/05/26 12:40	03/10/26 05:39	1
PCB-1242	ND		20	2.9	ug/Kg	☼	03/05/26 12:40	03/10/26 05:39	1
PCB-1248	ND		20	4.7	ug/Kg	☼	03/05/26 12:40	03/10/26 05:39	1
PCB-1254	ND		20	5.9	ug/Kg	☼	03/05/26 12:40	03/10/26 05:39	1
PCB-1260	ND		20	5.6	ug/Kg	☼	03/05/26 12:40	03/10/26 05:39	1
PCB-1262	ND		20	6.9	ug/Kg	☼	03/05/26 12:40	03/10/26 05:39	1
PCB-1268	ND		20	2.7	ug/Kg	☼	03/05/26 12:40	03/10/26 05:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*84*		*26 - 142*	*03/05/26 12:40*	*03/10/26 05:39*	*1*
DCB Decachlorobiphenyl (Surr)	*84*		*26 - 142*	*03/05/26 12:40*	*03/10/26 05:39*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*17 - 144*	*03/05/26 12:40*	*03/10/26 05:39*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*17 - 144*	*03/05/26 12:40*	*03/10/26 05:39*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		33	9.8	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Antimony	ND		5.4	1.8	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1

Client Sample ID: SSHS-IRM5A2-SCV-DUP-05
Lab Sample ID: 180-202505-15

Date Collected: 03/03/26 00:00
Matrix: Solid

Date Received: 03/05/26 09:30
Percent Solids: 83.9

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		5.4	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Barium	71		0.54	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Beryllium	0.51	J	0.54	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Cadmium	ND		0.54	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Calcium	33000		54	23	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Chromium	14		1.6	0.65	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Cobalt	8.2		0.54	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Copper	22		2.2	0.83	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Iron	22000		22	8.7	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Lead	16		1.6	0.65	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Magnesium	5800		22	4.3	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Manganese	450		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Nickel	20		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Potassium	1300		110	38	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Selenium	ND		5.4	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Silver	ND		1.1	0.43	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Sodium	73	J	110	43	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Thallium	ND		3.3	1.4	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Vanadium	17		1.1	0.47	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1
Zinc	69		2.2	0.87	mg/Kg	☼	03/07/26 07:30	03/10/26 16:14	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048	J	0.072	0.024	mg/Kg	☼	03/09/26 10:45	03/09/26 19:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	16.1		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	83.9		0.1	0.1	%			03/09/26 10:59	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV128-0.5-1
Lab Sample ID: 180-202505-16
Date Collected: 03/03/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**5.6**	**J H H3**	16	4.8	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Acetone	ND		1200	370	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Benzene	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Benzene	ND		310	31	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Bromoform	ND	H H3	8.0	4.0	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Bromoform	ND		620	310	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Bromomethane	ND	H H3	4.0	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Bromomethane	ND		310	100	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
2-Butanone (MEK)	ND	H H3	8.0	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
2-Butanone (MEK)	ND		620	120	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Carbon disulfide	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Carbon disulfide	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Carbon tetrachloride	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Carbon tetrachloride	ND		310	120	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Chlorobenzene	ND	H H3	4.0	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Chlorobenzene	ND		310	31	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Chlorobromomethane	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Chlorobromomethane	ND		310	44	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Chlorodibromomethane	ND	H H3	4.0	0.40	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Chlorodibromomethane	ND		310	120	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Chloroethane	ND	H H3	4.0	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Chloroethane	ND		310	93	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Chloroform	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Chloroform	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Chloromethane	ND	H H3	4.0	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Chloromethane	ND		310	56	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
cis-1,2-Dichloroethene	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
cis-1,2-Dichloroethene	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
cis-1,3-Dichloropropene	ND	H H3	4.0	0.48	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
cis-1,3-Dichloropropene	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Cyclohexane	ND	H H3	4.0	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Cyclohexane	ND		310	31	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,2-Dibromo-3-Chloropropane	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,2-Dibromo-3-Chloropropane	ND		310	62	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,2-Dibromoethane	ND	H H3	4.0	0.56	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,2-Dibromoethane	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,2-Dichlorobenzene	ND	H H3	4.0	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,2-Dichlorobenzene	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,3-Dichlorobenzene	ND	H H3	4.0	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,3-Dichlorobenzene	ND		310	31	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,4-Dichlorobenzene	ND	H H3	4.0	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,4-Dichlorobenzene	ND		310	31	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Dichlorobromomethane	ND	H H3	4.0	0.56	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Dichlorobromomethane	ND		310	44	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Dichlorodifluoromethane	ND	H H3	4.0	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Dichlorodifluoromethane	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,1-Dichloroethane	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,1-Dichloroethane	ND		310	31	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,2-Dichloroethane	ND	H H3	4.0	0.48	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1

Client Sample ID: SSHS-IRM5A2-SCV128-0.5-1
Lab Sample ID: 180-202505-16
Date Collected: 03/03/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,1-Dichloroethene	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,1-Dichloroethene	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,2-Dichloroethene, Total	ND	H H3	8.0	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,2-Dichloroethene, Total	ND		620	62	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,2-Dichloropropane	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,2-Dichloropropane	ND		310	31	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,4-Dioxane	ND	H H3	200	30	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,4-Dioxane	ND		16000	3400	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Ethylbenzene	ND	H H3	4.0	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Ethylbenzene	ND		310	25	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
2-Hexanone	ND	H H3	8.0	2.0	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
2-Hexanone	ND		620	93	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Isopropylbenzene	ND	H H3	4.0	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Isopropylbenzene	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Methyl acetate	ND	H H3	4.0	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Methyl acetate	**510**		310	62	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Methylcyclohexane	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Methylcyclohexane	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Methylene Chloride	**3.1**	**J H H3**	4.0	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Methylene Chloride	ND		310	120	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
4-Methyl-2-pentanone (MIBK)	ND	H H3	8.0	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
4-Methyl-2-pentanone (MIBK)	ND		620	93	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Methyl tert-butyl ether	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Methyl tert-butyl ether	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
m-Xylene & p-Xylene	ND	H H3	4.0	1.6	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
m-Xylene & p-Xylene	ND		310	62	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
o-Xylene	ND	H H3	4.0	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
o-Xylene	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Styrene	ND	H H3	4.0	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Styrene	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,1,2,2-Tetrachloroethane	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,1,2,2-Tetrachloroethane	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Tetrachloroethene	ND	H H3	4.0	1.2	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Tetrachloroethene	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Toluene	ND	H H3	4.0	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Toluene	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
trans-1,2-Dichloroethene	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
trans-1,2-Dichloroethene	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
trans-1,3-Dichloropropene	ND	H H3	4.0	0.48	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
trans-1,3-Dichloropropene	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,2,3-Trichlorobenzene	ND	H H3	8.0	4.0	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,2,3-Trichlorobenzene	ND		620	310	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,2,4-Trichlorobenzene	ND	H H3	8.0	4.0	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,2,4-Trichlorobenzene	ND		620	310	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,1,1-Trichloroethane	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,1,1-Trichloroethane	ND		310	44	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,1,2-Trichloroethane	ND	H H3	4.0	0.56	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,1,2-Trichloroethane	ND		310	31	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV128-0.5-1
Lab Sample ID: 180-202505-16
Date Collected: 03/03/26 09:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.9

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Trichloroethene	ND		310	37	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Trichlorofluoromethane	ND	H H3	4.0	0.80	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Trichlorofluoromethane	ND		310	50	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	8.0	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		620	44	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Vinyl chloride	ND	H H3	4.0	0.64	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Vinyl chloride	ND		310	50	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50
Xylenes, Total	ND	H H3	8.0	0.56	ug/Kg	☼	03/05/26 09:41	03/16/26 17:37	1
Xylenes, Total	ND		310	87	ug/Kg	☼	03/13/26 23:58	03/17/26 00:35	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*50 - 131*	*03/05/26 09:41*	*03/16/26 17:37*	*1*
Dibromofluoromethane (Surr)	*52*		*50 - 141*	*03/13/26 23:58*	*03/17/26 00:35*	*50*
1,2-Dichloroethane-d4 (Surr)	*54*		*54 - 135*	*03/13/26 23:58*	*03/17/26 00:35*	*50*
Dibromofluoromethane (Surr)	*97*		*50 - 141*	*03/05/26 09:41*	*03/16/26 17:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*54 - 135*	*03/05/26 09:41*	*03/16/26 17:37*	*1*
Toluene-d8 (Surr)	*52*		*52 - 141*	*03/13/26 23:58*	*03/17/26 00:35*	*50*
4-Bromofluorobenzene (Surr)	*56*		*50 - 131*	*03/13/26 23:58*	*03/17/26 00:35*	*50*
Toluene-d8 (Surr)	*92*		*52 - 141*	*03/05/26 09:41*	*03/16/26 17:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.1**		1.0	1.0	%			03/06/26 10:08	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-14
Lab Sample ID: 180-202505-17
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	19	5.8	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Acetone	ND		1200	360	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Benzene	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Benzene	ND		300	30	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Bromoform	ND	H H3	9.6	4.8	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Bromoform	ND		600	300	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Bromomethane	ND	H H3	4.8	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Bromomethane	ND		300	96	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
2-Butanone (MEK)	ND	H H3	9.6	1.9	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
2-Butanone (MEK)	ND		600	120	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Carbon disulfide	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Carbon disulfide	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Carbon tetrachloride	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Carbon tetrachloride	ND		300	120	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Chlorobenzene	ND	H H3	4.8	0.86	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Chlorobenzene	ND		300	30	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Chlorobromomethane	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Chlorobromomethane	ND		300	42	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Chlorodibromomethane	ND	H H3	4.8	0.48	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Chlorodibromomethane	ND		300	120	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Chloroethane	ND	H H3	4.8	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Chloroethane	ND		300	90	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Chloroform	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Chloroform	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Chloromethane	ND	H H3	4.8	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Chloromethane	ND		300	54	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
cis-1,2-Dichloroethene	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
cis-1,2-Dichloroethene	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
cis-1,3-Dichloropropene	ND	H H3	4.8	0.58	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
cis-1,3-Dichloropropene	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Cyclohexane	ND	H H3	4.8	0.86	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Cyclohexane	ND		300	30	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,2-Dibromo-3-Chloropropane	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,2-Dibromo-3-Chloropropane	ND		300	60	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,2-Dibromoethane	ND	H H3	4.8	0.67	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,2-Dibromoethane	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,2-Dichlorobenzene	ND	H H3	4.8	0.86	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,2-Dichlorobenzene	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,3-Dichlorobenzene	ND	H H3	4.8	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,3-Dichlorobenzene	ND		300	30	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,4-Dichlorobenzene	ND	H H3	4.8	0.86	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,4-Dichlorobenzene	ND		300	30	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Dichlorobromomethane	ND	H H3	4.8	0.67	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Dichlorobromomethane	ND		300	42	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Dichlorodifluoromethane	ND	H H3	4.8	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Dichlorodifluoromethane	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,1-Dichloroethane	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,1-Dichloroethane	ND		300	30	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,2-Dichloroethane	ND	H H3	4.8	0.58	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-14
Lab Sample ID: 180-202505-17
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,1-Dichloroethene	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,1-Dichloroethene	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,2-Dichloroethene, Total	ND	H H3	9.6	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,2-Dichloroethene, Total	ND		600	60	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,2-Dichloropropane	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,2-Dichloropropane	ND		300	30	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,4-Dioxane	ND	H H3	240	36	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,4-Dioxane	ND		15000	3300	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Ethylbenzene	ND	H H3	4.8	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Ethylbenzene	ND		300	24	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
2-Hexanone	ND	H H3	9.6	2.4	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
2-Hexanone	ND		600	90	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Isopropylbenzene	ND	H H3	4.8	1.4	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Isopropylbenzene	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Methyl acetate	ND	H H3	4.8	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Methyl acetate	**450**		300	60	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Methylcyclohexane	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Methylcyclohexane	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Methylene Chloride	**5.9**	**H H3**	4.8	1.9	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Methylene Chloride	ND		300	120	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
4-Methyl-2-pentanone (MIBK)	ND	H H3	9.6	1.9	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
4-Methyl-2-pentanone (MIBK)	ND		600	90	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Methyl tert-butyl ether	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Methyl tert-butyl ether	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
m-Xylene & p-Xylene	ND	H H3	4.8	1.9	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
m-Xylene & p-Xylene	ND		300	60	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
o-Xylene	ND	H H3	4.8	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
o-Xylene	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Styrene	ND	H H3	4.8	0.86	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Styrene	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,1,2,2-Tetrachloroethane	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,1,2,2-Tetrachloroethane	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Tetrachloroethene	ND	H H3	4.8	1.4	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Tetrachloroethene	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Toluene	ND	H H3	4.8	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Toluene	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
trans-1,2-Dichloroethene	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
trans-1,2-Dichloroethene	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
trans-1,3-Dichloropropene	ND	H H3	4.8	0.58	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
trans-1,3-Dichloropropene	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,2,3-Trichlorobenzene	ND	H H3	9.6	4.8	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,2,3-Trichlorobenzene	ND		600	300	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,2,4-Trichlorobenzene	ND	H H3	9.6	4.8	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,2,4-Trichlorobenzene	ND		600	300	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,1,1-Trichloroethane	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,1,1-Trichloroethane	ND		300	42	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,1,2-Trichloroethane	ND	H H3	4.8	0.67	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,1,2-Trichloroethane	ND		300	30	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-14
Lab Sample ID: 180-202505-17
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Trichloroethene	ND		300	36	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Trichlorofluoromethane	ND	H H3	4.8	0.96	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Trichlorofluoromethane	ND		300	48	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	9.6	0.86	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		600	42	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Vinyl chloride	ND	H H3	4.8	0.77	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Vinyl chloride	ND		300	48	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50
Xylenes, Total	ND	H H3	9.6	0.67	ug/Kg	☼	03/05/26 09:41	03/16/26 13:39	1
Xylenes, Total	ND		300	84	ug/Kg	☼	03/13/26 23:58	03/17/26 00:56	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*50 - 131*	*03/05/26 09:41*	*03/16/26 13:39*	*1*
Dibromofluoromethane (Surr)	*52*		*50 - 141*	*03/13/26 23:58*	*03/17/26 00:56*	*50*
1,2-Dichloroethane-d4 (Surr)	*56*		*54 - 135*	*03/13/26 23:58*	*03/17/26 00:56*	*50*
Dibromofluoromethane (Surr)	*97*		*50 - 141*	*03/05/26 09:41*	*03/16/26 13:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*	*03/05/26 09:41*	*03/16/26 13:39*	*1*
Toluene-d8 (Surr)	*51*	*S1-*	*52 - 141*	*03/13/26 23:58*	*03/17/26 00:56*	*50*
4-Bromofluorobenzene (Surr)	*51*		*50 - 131*	*03/13/26 23:58*	*03/17/26 00:56*	*50*
Toluene-d8 (Surr)	*94*		*52 - 141*	*03/05/26 09:41*	*03/16/26 13:39*	*1*

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H	1200	360	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Benzene	ND	H	300	30	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Bromoform	ND	H	600	300	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Bromomethane	ND	H	300	96	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
2-Butanone (MEK)	ND	H	600	120	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Carbon disulfide	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Carbon tetrachloride	ND	H	300	120	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Chlorobenzene	ND	H	300	30	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Chlorobromomethane	ND	H	300	42	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Chlorodibromomethane	ND	H	300	120	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Chloroethane	ND	H	300	90	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Chloroform	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Chloromethane	ND	H	300	54	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
cis-1,2-Dichloroethene	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
cis-1,3-Dichloropropene	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Cyclohexane	ND	H	300	30	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,2-Dibromo-3-Chloropropane	ND	H	300	60	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,2-Dibromoethane	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,2-Dichlorobenzene	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,3-Dichlorobenzene	ND	H	300	30	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,4-Dichlorobenzene	ND	H	300	30	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Dichlorobromomethane	ND	H	300	42	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Dichlorodifluoromethane	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,1-Dichloroethane	ND	H	300	30	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,2-Dichloroethane	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,1-Dichloroethene	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,2-Dichloroethene, Total	ND	H	600	60	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV-DUP-14
Lab Sample ID: 180-202505-17
Date Collected: 03/03/26 00:00
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 84.6

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND	H	300	30	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,4-Dioxane	ND	H	15000	3300	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Ethylbenzene	ND	H	300	24	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
2-Hexanone	ND	H	600	90	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Isopropylbenzene	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Methyl acetate	**460**	**H**	300	60	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Methylcyclohexane	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Methylene Chloride	ND	H	300	120	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
4-Methyl-2-pentanone (MIBK)	ND	H	600	90	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Methyl tert-butyl ether	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
m-Xylene & p-Xylene	ND	H	300	60	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
o-Xylene	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Styrene	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,1,2,2-Tetrachloroethane	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Tetrachloroethene	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Toluene	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
trans-1,2-Dichloroethene	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
trans-1,3-Dichloropropene	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,2,3-Trichlorobenzene	ND	H	600	300	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,2,4-Trichlorobenzene	ND	H	600	300	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,1,1-Trichloroethane	ND	H	300	42	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,1,2-Trichloroethane	ND	H	300	30	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Trichloroethene	ND	H	300	36	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Trichlorofluoromethane	ND	H	300	48	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	600	42	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50
Vinyl chloride	ND	H	300	48	ug/Kg	☼	03/13/26 23:58	03/18/26 12:02	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*57*		*50 - 141*	*03/13/26 23:58*	*03/18/26 12:02*	*50*
1,2-Dichloroethane-d4 (Surr)	*52*	*S1-*	*54 - 135*	*03/13/26 23:58*	*03/18/26 12:02*	*50*
Toluene-d8 (Surr)	*51*	*S1-*	*52 - 141*	*03/13/26 23:58*	*03/18/26 12:02*	*50*
4-Bromofluorobenzene (Surr)	*49*	*S1-*	*50 - 131*	*03/13/26 23:58*	*03/18/26 12:02*	*50*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**15.4**		1.0	1.0	%			03/06/26 10:08	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV129-0-0.17
Lab Sample ID: 180-202505-18
Date Collected: 03/03/26 09:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	22	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Acenaphthylene	ND		77	17	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Acetophenone	ND		770	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Anthracene	ND		77	20	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Atrazine	ND		770	170	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Benzaldehyde	ND		770	48	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Benzo[a]anthracene	**48**	**J**	77	35	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Benzo[a]pyrene	**54**	**J**	77	33	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Benzo[b]fluoranthene	**78**		77	19	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Benzo[g,h,i]perylene	**41**	**J**	77	17	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Benzo[k]fluoranthene	**28**	**J**	77	23	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
1,1'-Biphenyl	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Bis(2-chloroethoxy)methane	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Bis(2-chloroethyl)ether	ND		77	24	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Bis(2-ethylhexyl) phthalate	ND		3800	410	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
4-Bromophenyl phenyl ether	ND		380	160	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Butyl benzyl phthalate	ND		1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Caprolactam	ND		2000	250	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Carbazole	ND		77	18	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
4-Chloro-3-methylphenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2-Chloronaphthalene	ND		77	18	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2-Chlorophenol	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
4-Chlorophenyl phenyl ether	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Chrysene	**59**	**J**	77	43	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Dibenz(a,h)anthracene	ND		77	49	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Dibenzofuran	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2,4-Dichlorophenol	ND		77	30	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Diethyl phthalate	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Dimethyl phthalate	ND		770	430	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Di-n-butyl phthalate	ND		3800	800	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
4,6-Dinitro-2-methylphenol	ND		2000	660	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2,4-Dinitrotoluene	ND		380	230	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2,6-Dinitrotoluene	ND		380	150	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Di-n-octyl phthalate	ND		380	220	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Fluoranthene	**120**		77	20	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Fluorene	ND		77	15	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Hexachlorobenzene	ND		77	28	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Hexachloroethane	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Indeno[1,2,3-cd]pyrene	ND		77	38	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Isophorone	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2-Methylnaphthalene	ND		77	18	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2-Methylphenol	ND		380	110	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1

Client Sample ID: SSHS-IRM5A2-SCV129-0-0.17
Lab Sample ID: 180-202505-18
Date Collected: 03/03/26 09:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.3

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND		380	110	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Naphthalene	ND		77	15	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2-Nitroaniline	ND		2000	180	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
3-Nitroaniline	ND		2000	98	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
4-Nitroaniline	ND		2000	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Nitrobenzene	ND		770	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2-Nitrophenol	ND		380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
4-Nitrophenol	ND		2000	270	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
N-Nitrosodi-n-propylamine	ND		77	26	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
N-Nitrosodiphenylamine	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Pentachlorophenol	ND		2000	620	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Phenanthrene	**53**	**J**	77	21	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Phenol	ND		380	120	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
Pyrene	**91**		77	27	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
1,2,4,5-Tetrachlorobenzene	ND		380	150	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2,3,4,6-Tetrachlorophenol	ND		380	160	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2,4,5-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1
2,4,6-Trichlorophenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*59*		*44 - 105*	*03/05/26 12:19*	*03/09/26 20:37*	*1*
2-Fluorophenol (Surr)	*62*		*48 - 105*	*03/05/26 12:19*	*03/09/26 20:37*	*1*
Nitrobenzene-d5 (Surr)	*65*		*46 - 105*	*03/05/26 12:19*	*03/09/26 20:37*	*1*
Phenol-d5 (Surr)	*63*		*46 - 105*	*03/05/26 12:19*	*03/09/26 20:37*	*1*
Terphenyl-d14 (Surr)	*59*		*39 - 105*	*03/05/26 12:19*	*03/09/26 20:37*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*34 - 108*	*03/05/26 12:19*	*03/09/26 20:37*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.2	ug/Kg	☼	03/05/26 12:40	03/10/26 05:56	1
PCB-1221	ND		19	6.7	ug/Kg	☼	03/05/26 12:40	03/10/26 05:56	1
PCB-1232	ND		19	4.6	ug/Kg	☼	03/05/26 12:40	03/10/26 05:56	1
PCB-1242	ND		19	2.8	ug/Kg	☼	03/05/26 12:40	03/10/26 05:56	1
PCB-1248	ND		19	4.6	ug/Kg	☼	03/05/26 12:40	03/10/26 05:56	1
PCB-1254	ND		19	5.7	ug/Kg	☼	03/05/26 12:40	03/10/26 05:56	1
PCB-1260	ND		19	5.4	ug/Kg	☼	03/05/26 12:40	03/10/26 05:56	1
PCB-1262	ND		19	6.7	ug/Kg	☼	03/05/26 12:40	03/10/26 05:56	1
PCB-1268	ND		19	2.6	ug/Kg	☼	03/05/26 12:40	03/10/26 05:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*86*		*26 - 142*	*03/05/26 12:40*	*03/10/26 05:56*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*26 - 142*	*03/05/26 12:40*	*03/10/26 05:56*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*17 - 144*	*03/05/26 12:40*	*03/10/26 05:56*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 144*	*03/05/26 12:40*	*03/10/26 05:56*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV129-0-0.17
Lab Sample ID: 180-202505-18
Date Collected: 03/03/26 09:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorooctanoic acid (PFOA)	**0.20**		0.20	0.059	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.059	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorooctanesulfonic acid (PFOS)	**0.38**		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.49	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.49	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1

Client Sample ID: SSHS-IRM5A2-SCV129-0-0.17
Lab Sample ID: 180-202505-18
Date Collected: 03/03/26 09:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.3

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		0.99	0.49	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*95.3*		*8 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C5-PFPeA	*92.7*		*35 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C5-PFHxA	*87.3*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C4-PFHpA	*89.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C8-PFOA	*94.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C9-PFNA	*92.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C6-PFDA	*96.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C7-PFUnA	*98.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C2 PFDoA	*97.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C2-PFTeDA	*82.6*		*20 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C3-PFBS	*81.6*		*40 - 135*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C3-PFHxS	*89.6*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C8-PFOS	*92.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C8-PFOSA	*93.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
d3-NMeFOSAA	*94.8*		*40 - 135*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
d5-NEtFOSAA	*116*		*40 - 150*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C2 4:2 FTS	*329*	*5+	*40 - 165*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C2 6:2 FTS	*168*		*40 - 215*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C2 8:2 FTS	*178*		*40 - 275*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
13C3-HFPO-DA	*82.8*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
D7-NMeFOSE	*49.9*		*20 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
D9-NEtFOSE	*33.0*		*15 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
d5-NEtPFOSA	*67.8*		*10 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*
d3-NMePFOSA	*77.9*		*10 - 130*	*03/10/26 14:32*	*03/12/26 09:06*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9800**		35	11	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Antimony	ND		5.9	2.0	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Arsenic	**6.4**		5.9	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Barium	**55**		0.59	0.18	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Beryllium	**0.43**	**J**	0.59	0.12	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Cadmium	ND		0.59	0.12	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Calcium	**30000**		59	25	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Chromium	**13**		1.8	0.70	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Cobalt	**7.6**		0.59	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Copper	**20**		2.3	0.90	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Iron	**21000**		23	9.4	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Lead	**11**		1.8	0.70	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Magnesium	**5000**		23	4.7	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Manganese	**750**		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Nickel	**20**		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV129-0-0.17
Lab Sample ID: 180-202505-18
Date Collected: 03/03/26 09:45
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 85.3

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1100		120	41	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Selenium	ND		5.9	1.8	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Silver	ND		1.2	0.47	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Sodium	120		120	47	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Thallium	ND		3.5	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Vanadium	14		1.2	0.50	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1
Zinc	68		2.3	0.94	mg/Kg	☼	03/07/26 07:30	03/10/26 16:17	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.068	0.023	mg/Kg	☼	03/09/26 10:45	03/09/26 20:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	14.7		0.1	0.1	%			03/09/26 10:59	1
Percent Solids (EPA Moisture)	85.3		0.1	0.1	%			03/09/26 10:59	1

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Lab Sample ID: 180-202505-19
Date Collected: 03/03/26 09:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	F1	77	22	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Acenaphthylene	ND	F1	77	17	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Acetophenone	ND	F1	770	140	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Anthracene	ND	F1	77	20	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Atrazine	ND	F1	770	170	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Benzaldehyde	ND	F1	770	47	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Benzo[a]anthracene	**45**	**J F1**	77	34	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Benzo[a]pyrene	**46**	**J F1**	77	33	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Benzo[b]fluoranthene	**66**	**J F1**	77	19	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Benzo[g,h,i]perylene	**32**	**J F1**	77	16	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Benzo[k]fluoranthene	**24**	**J F1**	77	23	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
1,1'-Biphenyl	ND	F1	380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Bis(2-chloroethoxy)methane	ND	F1	380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Bis(2-chloroethyl)ether	ND	F1	77	24	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Bis(2-ethylhexyl) phthalate	ND	F1	3800	410	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
4-Bromophenyl phenyl ether	ND	F1	380	160	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Butyl benzyl phthalate	ND	F1	1900	260	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Caprolactam	ND	F1	1900	250	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Carbazole	ND	F1	77	18	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
4-Chloroaniline	ND		380	100	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
4-Chloro-3-methylphenol	ND	F1	380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2-Chloronaphthalene	ND	F1	77	18	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2-Chlorophenol	ND	F1	380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
4-Chlorophenyl phenyl ether	ND	F1	380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Chrysene	**58**	**J F1**	77	42	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Dibenz(a,h)anthracene	ND	F1	77	49	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Dibenzofuran	ND	F1	380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
3,3'-Dichlorobenzidine	ND		380	360	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2,4-Dichlorophenol	ND	F1	77	29	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Diethyl phthalate	ND	F1	380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2,4-Dimethylphenol	ND		380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Dimethyl phthalate	ND	F1	770	420	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Di-n-butyl phthalate	ND	F1	3800	790	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
4,6-Dinitro-2-methylphenol	ND		1900	660	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2,4-Dinitrophenol	ND		3800	2400	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2,4-Dinitrotoluene	ND	F1	380	230	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2,6-Dinitrotoluene	ND	F1	380	150	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Di-n-octyl phthalate	ND	F1	380	220	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
1,4-Dioxane	ND		770	240	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Fluoranthene	**100**	**F1**	77	20	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Fluorene	ND	F1	77	15	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Hexachlorobenzene	ND	F1	77	27	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Hexachlorobutadiene	ND		77	22	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Hexachlorocyclopentadiene	ND		380	100	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Hexachloroethane	ND	F1	380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Indeno[1,2,3-cd]pyrene	ND	F1	77	38	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Isophorone	ND	F1	380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2-Methylnaphthalene	ND	F1	77	18	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2-Methylphenol	ND	F1	380	110	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Lab Sample ID: 180-202505-19
Date Collected: 03/03/26 09:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.8

Method: SW846 EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylphenol, 3 & 4	ND	F1	380	110	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Naphthalene	ND	F1	77	15	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2-Nitroaniline	ND	F1	1900	170	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
3-Nitroaniline	ND		1900	97	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
4-Nitroaniline	ND		1900	140	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Nitrobenzene	ND	F1	770	140	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2-Nitrophenol	ND	F1	380	140	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
4-Nitrophenol	ND		1900	270	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
N-Nitrosodi-n-propylamine	ND	F1	77	26	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
N-Nitrosodiphenylamine	ND	F1	380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2,2'-oxybis[1-chloropropane]	ND		77	28	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Pentachlorophenol	ND		1900	610	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Phenanthrene	**47**	**J F1**	77	21	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Phenol	ND	F1	380	120	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
Pyrene	**88**	**F1**	77	27	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
1,2,4,5-Tetrachlorobenzene	ND	F1	380	150	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2,3,4,6-Tetrachlorophenol	ND	F1	380	160	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2,4,5-Trichlorophenol	ND	F1	380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1
2,4,6-Trichlorophenol	ND	F1	380	130	ug/Kg	☼	03/05/26 12:19	03/09/26 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*44 - 105*	*03/05/26 12:19*	*03/09/26 12:45*	*1*
2-Fluorophenol (Surr)	*67*		*48 - 105*	*03/05/26 12:19*	*03/09/26 12:45*	*1*
Nitrobenzene-d5 (Surr)	*71*		*46 - 105*	*03/05/26 12:19*	*03/09/26 12:45*	*1*
Phenol-d5 (Surr)	*68*		*46 - 105*	*03/05/26 12:19*	*03/09/26 12:45*	*1*
Terphenyl-d14 (Surr)	*66*		*39 - 105*	*03/05/26 12:19*	*03/09/26 12:45*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*34 - 108*	*03/05/26 12:19*	*03/09/26 12:45*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		19	6.0	ug/Kg	☼	03/06/26 12:40	03/09/26 23:04	1
PCB-1221	ND		19	6.6	ug/Kg	☼	03/06/26 12:40	03/09/26 23:04	1
PCB-1232	ND		19	4.5	ug/Kg	☼	03/06/26 12:40	03/09/26 23:04	1
PCB-1242	ND		19	2.7	ug/Kg	☼	03/06/26 12:40	03/09/26 23:04	1
PCB-1248	ND		19	4.5	ug/Kg	☼	03/06/26 12:40	03/09/26 23:04	1
PCB-1254	ND		19	5.6	ug/Kg	☼	03/06/26 12:40	03/09/26 23:04	1
PCB-1260	ND		19	5.3	ug/Kg	☼	03/06/26 12:40	03/09/26 23:04	1
PCB-1262	ND		19	6.5	ug/Kg	☼	03/06/26 12:40	03/09/26 23:04	1
PCB-1268	ND		19	2.5	ug/Kg	☼	03/06/26 12:40	03/09/26 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*26 - 142*	*03/06/26 12:40*	*03/09/26 23:04*	*1*
DCB Decachlorobiphenyl (Surr)	*91*		*26 - 142*	*03/06/26 12:40*	*03/09/26 23:04*	*1*
Tetrachloro-m-xylene (Surr)	*106*		*17 - 144*	*03/06/26 12:40*	*03/09/26 23:04*	*1*
Tetrachloro-m-xylene (Surr)	*102*		*17 - 144*	*03/06/26 12:40*	*03/09/26 23:04*	*1*

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluoropentanoic acid (PFPeA)	**0.11**	**J**	0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Lab Sample ID: 180-202505-19
Date Collected: 03/03/26 09:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**0.11**	**J**	0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorooctanoic acid (PFOA)	**0.20**		0.20	0.060	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorooctanesulfonic acid (PFOS)	**0.35**		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Lab Sample ID: 180-202505-19
Date Collected: 03/03/26 09:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.8

Method: EPA 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND	F2	0.99	0.50	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.099	ng/g	☼	03/10/26 14:32	03/12/26 09:20	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*95.3*		*8 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C5-PFPeA	*92.5*		*35 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C5-PFHxA	*89.6*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C4-PFHpA	*92.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C8-PFOA	*94.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C9-PFNA	*94.1*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C6-PFDA	*95.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C7-PFUnA	*100*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C2 PFDoA	*92.8*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C2-PFTeDA	*66.1*		*20 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C3-PFBS	*84.9*		*40 - 135*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C3-PFHxS	*89.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C8-PFOS	*101*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C8-PFOSA	*92.6*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
d3-NMeFOSAA	*88.7*		*40 - 135*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
d5-NEtFOSAA	*112*		*40 - 150*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C2 4:2 FTS	*230*	*5+	*40 - 165*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C2 6:2 FTS	*135*		*40 - 215*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C2 8:2 FTS	*131*		*40 - 275*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
13C3-HFPO-DA	*82.8*		*40 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
D7-NMeFOSE	*35.7*		*20 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
D9-NEtFOSE	*19.6*		*15 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
d5-NEtPFOSA	*79.9*		*10 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*
d3-NMePFOSA	*86.8*		*10 - 130*	*03/10/26 14:32*	*03/12/26 09:20*	*1*

Method: SW846 EPA 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		34	10	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Antimony	ND	F1 F2	5.6	1.9	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Arsenic	**7.0**		5.6	1.6	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Barium	**69**	**F1**	0.56	0.17	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Beryllium	**0.49**	**J**	0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Cadmium	ND		0.56	0.11	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Calcium	**26000**		56	24	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Chromium	**15**		1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Cobalt	**7.8**		0.56	0.16	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Copper	**23**		2.3	0.87	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Iron	**21000**		23	9.0	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Lead	**15**	**F1**	1.7	0.68	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Magnesium	**5800**		23	4.5	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Manganese	**410**		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Nickel	**19**		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Lab Sample ID: 180-202505-19
Date Collected: 03/03/26 09:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 86.8

Method: SW846 EPA 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**1400**	**F1**	110	40	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Selenium	ND		5.6	1.7	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Silver	ND		1.1	0.45	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Sodium	**68**	**J**	110	45	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Thallium	ND		3.4	1.5	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Vanadium	**16**		1.1	0.49	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1
Zinc	**69**		2.3	0.90	mg/Kg	☼	03/07/26 07:30	03/10/26 13:45	1

Method: SW846 EPA 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.045**	**J**	0.069	0.023	mg/Kg	☼	03/09/26 10:45	03/09/26 19:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**13.2**		0.1	0.1	%			03/09/26 11:21	1
Percent Solids (EPA Moisture)	**86.8**		0.1	0.1	%			03/09/26 11:21	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV129-0.5-1
Lab Sample ID: 180-202505-20
Date Collected: 03/03/26 09:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	6.2	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Benzene	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Bromoform	ND		10	5.1	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Bromomethane	ND		5.1	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
2-Butanone (MEK)	ND		10	2.1	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Carbon disulfide	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Carbon tetrachloride	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Chlorobenzene	ND		5.1	0.93	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Chlorobromomethane	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Chlorodibromomethane	ND		5.1	0.51	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Chloroethane	ND		5.1	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Chloroform	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Chloromethane	ND		5.1	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
cis-1,2-Dichloroethene	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
cis-1,3-Dichloropropene	ND		5.1	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Cyclohexane	ND		5.1	0.93	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,2-Dibromo-3-Chloropropane	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,2-Dibromoethane	ND		5.1	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,2-Dichlorobenzene	ND		5.1	0.93	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,3-Dichlorobenzene	ND		5.1	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,4-Dichlorobenzene	ND		5.1	0.93	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Dichlorobromomethane	ND		5.1	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Dichlorodifluoromethane	ND		5.1	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,1-Dichloroethane	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,2-Dichloroethane	ND		5.1	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,1-Dichloroethene	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,2-Dichloropropane	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,4-Dioxane	ND		260	38	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Ethylbenzene	ND		5.1	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
2-Hexanone	ND		10	2.6	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Isopropylbenzene	ND		5.1	1.5	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Methyl acetate	ND		5.1	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Methylcyclohexane	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Methylene Chloride	**5.0**	**J**	5.1	2.1	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Methyl tert-butyl ether	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
m-Xylene & p-Xylene	ND		5.1	2.1	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
o-Xylene	ND		5.1	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Styrene	ND		5.1	0.93	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,1,2,2-Tetrachloroethane	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Tetrachloroethene	ND		5.1	1.5	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Toluene	ND		5.1	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
trans-1,2-Dichloroethene	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
trans-1,3-Dichloropropene	ND		5.1	0.62	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,2,3-Trichlorobenzene	ND		10	5.1	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,2,4-Trichlorobenzene	ND		10	5.1	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,1,1-Trichloroethane	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,1,2-Trichloroethane	ND		5.1	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Client Sample ID: SSHS-IRM5A2-SCV129-0.5-1
Lab Sample ID: 180-202505-20
Date Collected: 03/03/26 09:50
Matrix: Solid
Date Received: 03/05/26 09:30
Percent Solids: 87.5

Method: SW846 EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Trichlorofluoromethane	ND		5.1	1.0	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.93	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Vinyl chloride	ND		5.1	0.82	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1
Xylenes, Total	ND		10	0.72	ug/Kg	☼	03/05/26 09:41	03/16/26 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*50 - 131*	*03/05/26 09:41*	*03/16/26 14:03*	*1*
Dibromofluoromethane (Surr)	*94*		*50 - 141*	*03/05/26 09:41*	*03/16/26 14:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*54 - 135*	*03/05/26 09:41*	*03/16/26 14:03*	*1*
Toluene-d8 (Surr)	*100*		*52 - 141*	*03/05/26 09:41*	*03/16/26 14:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**12.5**		1.0	1.0	%			03/06/26 10:08	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-783208/7
Matrix: Solid
Analysis Batch: 783208

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/Kg			03/16/26 10:29	1
Benzene	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
Bromoform	ND		10	5.0	ug/Kg			03/16/26 10:29	1
Bromomethane	ND		5.0	1.0	ug/Kg			03/16/26 10:29	1
2-Butanone (MEK)	ND		10	2.0	ug/Kg			03/16/26 10:29	1
Carbon disulfide	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
Carbon tetrachloride	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
Chlorobenzene	ND		5.0	0.90	ug/Kg			03/16/26 10:29	1
Chlorobromomethane	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
Chlorodibromomethane	ND		5.0	0.50	ug/Kg			03/16/26 10:29	1
Chloroethane	ND		5.0	1.0	ug/Kg			03/16/26 10:29	1
Chloroform	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
Chloromethane	ND		5.0	1.0	ug/Kg			03/16/26 10:29	1
cis-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
cis-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/16/26 10:29	1
Cyclohexane	ND		5.0	0.90	ug/Kg			03/16/26 10:29	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
1,2-Dibromoethane	ND		5.0	0.70	ug/Kg			03/16/26 10:29	1
1,2-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/16/26 10:29	1
1,3-Dichlorobenzene	ND		5.0	1.0	ug/Kg			03/16/26 10:29	1
1,4-Dichlorobenzene	ND		5.0	0.90	ug/Kg			03/16/26 10:29	1
Dichlorobromomethane	ND		5.0	0.70	ug/Kg			03/16/26 10:29	1
Dichlorodifluoromethane	ND		5.0	1.0	ug/Kg			03/16/26 10:29	1
1,1-Dichloroethane	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
1,2-Dichloroethane	ND		5.0	0.60	ug/Kg			03/16/26 10:29	1
1,1-Dichloroethene	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
1,2-Dichloroethene, Total	ND		10	1.0	ug/Kg			03/16/26 10:29	1
1,2-Dichloropropane	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
1,4-Dioxane	ND		250	37	ug/Kg			03/16/26 10:29	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			03/16/26 10:29	1
2-Hexanone	ND		10	2.5	ug/Kg			03/16/26 10:29	1
Isopropylbenzene	ND		5.0	1.5	ug/Kg			03/16/26 10:29	1
Methyl acetate	ND		5.0	1.0	ug/Kg			03/16/26 10:29	1
Methylcyclohexane	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
Methylene Chloride	ND		5.0	2.0	ug/Kg			03/16/26 10:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/Kg			03/16/26 10:29	1
Methyl tert-butyl ether	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
m-Xylene & p-Xylene	ND		5.0	2.0	ug/Kg			03/16/26 10:29	1
o-Xylene	ND		5.0	1.0	ug/Kg			03/16/26 10:29	1
Styrene	ND		5.0	0.90	ug/Kg			03/16/26 10:29	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
Tetrachloroethene	ND		5.0	1.5	ug/Kg			03/16/26 10:29	1
Toluene	ND		5.0	1.0	ug/Kg			03/16/26 10:29	1
trans-1,2-Dichloroethene	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
trans-1,3-Dichloropropene	ND		5.0	0.60	ug/Kg			03/16/26 10:29	1
1,2,3-Trichlorobenzene	ND		10	5.0	ug/Kg			03/16/26 10:29	1
1,2,4-Trichlorobenzene	ND		10	5.0	ug/Kg			03/16/26 10:29	1
1,1,1-Trichloroethane	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-783208/7
Matrix: Solid
Analysis Batch: 783208

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			03/16/26 10:29	1
Trichloroethene	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
Trichlorofluoromethane	ND		5.0	1.0	ug/Kg			03/16/26 10:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.90	ug/Kg			03/16/26 10:29	1
Vinyl chloride	ND		5.0	0.80	ug/Kg			03/16/26 10:29	1
Xylenes, Total	ND		10	0.70	ug/Kg			03/16/26 10:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*50 - 141*		*03/16/26 10:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*54 - 135*		*03/16/26 10:29*	*1*
4-Bromofluorobenzene (Surr)	*99*		*50 - 131*		*03/16/26 10:29*	*1*
Toluene-d8 (Surr)	*98*		*52 - 141*		*03/16/26 10:29*	*1*

Lab Sample ID: LCS 410-783208/4
Matrix: Solid
Analysis Batch: 783208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	339		ug/Kg		135	52 - 142
Benzene	20.0	20.4		ug/Kg		102	80 - 120
Bromoform	20.0	15.9		ug/Kg		79	66 - 127
Bromomethane	20.0	17.9		ug/Kg		90	60 - 126
2-Butanone (MEK)	250	220		ug/Kg		88	62 - 132
Carbon disulfide	20.0	15.5		ug/Kg		78	56 - 125
Carbon tetrachloride	20.0	16.8		ug/Kg		84	70 - 120
Chlorobenzene	20.0	17.7		ug/Kg		89	74 - 120
Chlorobromomethane	20.0	19.0		ug/Kg		95	79 - 124
Chlorodibromomethane	20.0	16.9		ug/Kg		85	77 - 125
Chloroethane	20.0	18.7		ug/Kg		94	55 - 127
Chloroform	20.0	19.4		ug/Kg		97	73 - 120
Chloromethane	20.0	17.5		ug/Kg		87	50 - 120
cis-1,2-Dichloroethene	20.0	19.7		ug/Kg		98	80 - 125
cis-1,3-Dichloropropene	20.0	19.3		ug/Kg		97	73 - 120
Cyclohexane	20.0	18.4		ug/Kg		92	58 - 120
1,2-Dibromo-3-Chloropropane	20.0	14.5		ug/Kg		72	61 - 120
1,2-Dibromoethane	20.0	18.2		ug/Kg		91	76 - 120
1,2-Dichlorobenzene	20.0	17.3		ug/Kg		87	74 - 120
1,3-Dichlorobenzene	20.0	17.1		ug/Kg		85	75 - 120
1,4-Dichlorobenzene	20.0	17.7		ug/Kg		88	76 - 122
Dichlorobromomethane	20.0	19.6		ug/Kg		98	77 - 120
Dichlorodifluoromethane	20.0	13.0		ug/Kg		65	44 - 120
1,1-Dichloroethane	20.0	20.6		ug/Kg		103	76 - 120
1,2-Dichloroethane	20.0	19.2		ug/Kg		96	72 - 124
1,1-Dichloroethene	20.0	21.2		ug/Kg		106	73 - 129
1,2-Dichloroethene, Total	40.0	39.6		ug/Kg		99	74 - 120
1,2-Dichloropropane	20.0	20.6		ug/Kg		103	70 - 124
1,4-Dioxane	500	432		ug/Kg		86	41 - 177
Ethylbenzene	20.0	18.1		ug/Kg		91	72 - 118

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-783208/4
Matrix: Solid
Analysis Batch: 783208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Hexanone	250	220		ug/Kg		88	64 - 140
Isopropylbenzene	20.0	17.7		ug/Kg		88	77 - 134
Methyl acetate	20.0	18.6		ug/Kg		93	59 - 137
Methylcyclohexane	20.0	17.2		ug/Kg		86	61 - 124
Methylene Chloride	20.0	20.7		ug/Kg		103	76 - 122
4-Methyl-2-pentanone (MIBK)	250	246		ug/Kg		99	67 - 138
Methyl tert-butyl ether	20.0	17.6		ug/Kg		88	63 - 120
m-Xylene & p-Xylene	40.0	35.4		ug/Kg		89	80 - 120
o-Xylene	20.0	17.6		ug/Kg		88	75 - 120
Styrene	20.0	17.8		ug/Kg		89	76 - 120
1,1,2,2-Tetrachloroethane	20.0	19.2		ug/Kg		96	69 - 125
Tetrachloroethene	20.0	16.1		ug/Kg		81	73 - 120
Toluene	20.0	18.6		ug/Kg		93	71 - 120
trans-1,2-Dichloroethene	20.0	19.9		ug/Kg		99	71 - 126
trans-1,3-Dichloropropene	20.0	18.3		ug/Kg		92	76 - 122
1,2,3-Trichlorobenzene	20.0	15.6		ug/Kg		78	64 - 123
1,2,4-Trichlorobenzene	20.0	16.1		ug/Kg		80	69 - 124
1,1,1-Trichloroethane	20.0	17.4		ug/Kg		87	69 - 123
1,1,2-Trichloroethane	20.0	19.4		ug/Kg		97	76 - 120
Trichloroethene	20.0	19.0		ug/Kg		95	72 - 120
Trichlorofluoromethane	20.0	12.9		ug/Kg		64	58 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.9		ug/Kg		85	53 - 126
Vinyl chloride	20.0	16.5		ug/Kg		83	52 - 120
Xylenes, Total	60.0	53.0		ug/Kg		88	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*103*		*54 - 135*
4-Bromofluorobenzene (Surr)	*103*		*50 - 131*
Toluene-d8 (Surr)	*96*		*52 - 141*

Lab Sample ID: LCSD 410-783208/5
Matrix: Solid
Analysis Batch: 783208

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	250	284		ug/Kg		114	52 - 142	17	30
Benzene	20.0	19.9		ug/Kg		99	80 - 120	3	30
Bromoform	20.0	15.7		ug/Kg		78	66 - 127	1	30
Bromomethane	20.0	16.7		ug/Kg		83	60 - 126	7	30
2-Butanone (MEK)	250	219		ug/Kg		87	62 - 132	1	30
Carbon disulfide	20.0	15.1		ug/Kg		76	56 - 125	3	30
Carbon tetrachloride	20.0	16.3		ug/Kg		81	70 - 120	3	30
Chlorobenzene	20.0	17.4		ug/Kg		87	74 - 120	2	30
Chlorobromomethane	20.0	18.3		ug/Kg		91	79 - 124	4	30
Chlorodibromomethane	20.0	16.6		ug/Kg		83	77 - 125	2	30
Chloroethane	20.0	18.2		ug/Kg		91	55 - 127	3	30
Chloroform	20.0	18.4		ug/Kg		92	73 - 120	5	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783208/5
Matrix: Solid
Analysis Batch: 783208

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			20.0	16.8		ug/Kg		84	50 - 120	4	30
cis-1,2-Dichloroethene			20.0	19.0		ug/Kg		95	80 - 125	3	30
cis-1,3-Dichloropropene			20.0	18.4		ug/Kg		92	73 - 120	5	30
Cyclohexane			20.0	17.0		ug/Kg		85	58 - 120	8	30
1,2-Dibromo-3-Chloropropane			20.0	14.4		ug/Kg		72	61 - 120	0	30
1,2-Dibromoethane			20.0	18.2		ug/Kg		91	76 - 120	0	30
1,2-Dichlorobenzene			20.0	16.8		ug/Kg		84	74 - 120	3	30
1,3-Dichlorobenzene			20.0	16.7		ug/Kg		84	75 - 120	2	30
1,4-Dichlorobenzene			20.0	17.4		ug/Kg		87	76 - 122	2	30
Dichlorobromomethane			20.0	18.8		ug/Kg		94	77 - 120	4	30
Dichlorodifluoromethane			20.0	12.4		ug/Kg		62	44 - 120	4	30
1,1-Dichloroethane			20.0	19.9		ug/Kg		100	76 - 120	3	30
1,2-Dichloroethane			20.0	18.3		ug/Kg		91	72 - 124	5	30
1,1-Dichloroethene			20.0	19.9		ug/Kg		100	73 - 129	6	30
1,2-Dichloroethene, Total			40.0	38.2		ug/Kg		96	74 - 120	4	30
1,2-Dichloropropane			20.0	20.8		ug/Kg		104	70 - 124	1	30
1,4-Dioxane			500	397		ug/Kg		79	41 - 177	8	30
Ethylbenzene			20.0	17.8		ug/Kg		89	72 - 118	2	30
2-Hexanone			250	216		ug/Kg		86	64 - 140	2	30
Isopropylbenzene			20.0	17.5		ug/Kg		87	77 - 134	1	30
Methyl acetate			20.0	18.2		ug/Kg		91	59 - 137	2	30
Methylcyclohexane			20.0	17.2		ug/Kg		86	61 - 124	0	30
Methylene Chloride			20.0	19.9		ug/Kg		100	76 - 122	4	30
4-Methyl-2-pentanone (MIBK)			250	233		ug/Kg		93	67 - 138	5	30
Methyl tert-butyl ether			20.0	16.9		ug/Kg		84	63 - 120	4	30
m-Xylene & p-Xylene			40.0	34.6		ug/Kg		87	80 - 120	2	30
o-Xylene			20.0	17.1		ug/Kg		86	75 - 120	3	30
Styrene			20.0	17.3		ug/Kg		87	76 - 120	3	30
1,1,2,2-Tetrachloroethane			20.0	18.7		ug/Kg		93	69 - 125	3	30
Tetrachloroethene			20.0	15.9		ug/Kg		80	73 - 120	1	30
Toluene			20.0	17.7		ug/Kg		89	71 - 120	5	30
trans-1,2-Dichloroethene			20.0	19.2		ug/Kg		96	71 - 126	3	30
trans-1,3-Dichloropropene			20.0	17.9		ug/Kg		89	76 - 122	2	30
1,2,3-Trichlorobenzene			20.0	15.7		ug/Kg		79	64 - 123	0	30
1,2,4-Trichlorobenzene			20.0	16.0		ug/Kg		80	69 - 124	1	30
1,1,1-Trichloroethane			20.0	16.9		ug/Kg		84	69 - 123	3	30
1,1,2-Trichloroethane			20.0	19.0		ug/Kg		95	76 - 120	2	30
Trichloroethene			20.0	18.5		ug/Kg		93	72 - 120	3	30
Trichlorofluoromethane			20.0	12.5		ug/Kg		63	58 - 120	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	16.4		ug/Kg		82	53 - 126	3	30
Vinyl chloride			20.0	16.9		ug/Kg		85	52 - 120	3	30
Xylenes, Total			60.0	51.7		ug/Kg		86	75 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*92*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*
4-Bromofluorobenzene (Surr)	*100*		*50 - 131*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783208/5
Matrix: Solid
Analysis Batch: 783208

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	*92*		*52 - 141*

Lab Sample ID: MB 410-783714/5
Matrix: Solid
Analysis Batch: 783714

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		1000	300	ug/Kg			03/16/26 20:45	50
Benzene	ND		250	25	ug/Kg			03/16/26 20:45	50
Bromoform	ND		500	250	ug/Kg			03/16/26 20:45	50
Bromomethane	ND		250	80	ug/Kg			03/16/26 20:45	50
2-Butanone (MEK)	ND		500	100	ug/Kg			03/16/26 20:45	50
Carbon disulfide	ND		250	30	ug/Kg			03/16/26 20:45	50
Carbon tetrachloride	ND		250	100	ug/Kg			03/16/26 20:45	50
Chlorobenzene	ND		250	25	ug/Kg			03/16/26 20:45	50
Chlorobromomethane	ND		250	35	ug/Kg			03/16/26 20:45	50
Chlorodibromomethane	ND		250	100	ug/Kg			03/16/26 20:45	50
Chloroethane	ND		250	75	ug/Kg			03/16/26 20:45	50
Chloroform	ND		250	30	ug/Kg			03/16/26 20:45	50
Chloromethane	ND		250	45	ug/Kg			03/16/26 20:45	50
cis-1,2-Dichloroethene	ND		250	30	ug/Kg			03/16/26 20:45	50
cis-1,3-Dichloropropene	ND		250	30	ug/Kg			03/16/26 20:45	50
Cyclohexane	ND		250	25	ug/Kg			03/16/26 20:45	50
1,2-Dibromo-3-Chloropropane	ND		250	50	ug/Kg			03/16/26 20:45	50
1,2-Dibromoethane	ND		250	30	ug/Kg			03/16/26 20:45	50
1,2-Dichlorobenzene	ND		250	30	ug/Kg			03/16/26 20:45	50
1,3-Dichlorobenzene	ND		250	25	ug/Kg			03/16/26 20:45	50
1,4-Dichlorobenzene	ND		250	25	ug/Kg			03/16/26 20:45	50
Dichlorobromomethane	ND		250	35	ug/Kg			03/16/26 20:45	50
Dichlorodifluoromethane	ND		250	30	ug/Kg			03/16/26 20:45	50
1,1-Dichloroethane	ND		250	25	ug/Kg			03/16/26 20:45	50
1,2-Dichloroethane	ND		250	30	ug/Kg			03/16/26 20:45	50
1,1-Dichloroethene	ND		250	30	ug/Kg			03/16/26 20:45	50
1,2-Dichloroethene, Total	ND		500	50	ug/Kg			03/16/26 20:45	50
1,2-Dichloropropane	ND		250	25	ug/Kg			03/16/26 20:45	50
1,4-Dioxane	ND		13000	2800	ug/Kg			03/16/26 20:45	50
Ethylbenzene	ND		250	20	ug/Kg			03/16/26 20:45	50
2-Hexanone	ND		500	75	ug/Kg			03/16/26 20:45	50
Isopropylbenzene	ND		250	30	ug/Kg			03/16/26 20:45	50
Methyl acetate	ND		250	50	ug/Kg			03/16/26 20:45	50
Methylcyclohexane	ND		250	30	ug/Kg			03/16/26 20:45	50
Methylene Chloride	ND		250	100	ug/Kg			03/16/26 20:45	50
4-Methyl-2-pentanone (MIBK)	ND		500	75	ug/Kg			03/16/26 20:45	50
Methyl tert-butyl ether	ND		250	30	ug/Kg			03/16/26 20:45	50
m-Xylene & p-Xylene	ND		250	50	ug/Kg			03/16/26 20:45	50
o-Xylene	ND		250	30	ug/Kg			03/16/26 20:45	50
Styrene	ND		250	30	ug/Kg			03/16/26 20:45	50
1,1,2,2-Tetrachloroethane	ND		250	30	ug/Kg			03/16/26 20:45	50

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-783714/5
Matrix: Solid
Analysis Batch: 783714

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		250	30	ug/Kg			03/16/26 20:45	50
Toluene	ND		250	30	ug/Kg			03/16/26 20:45	50
trans-1,2-Dichloroethene	ND		250	30	ug/Kg			03/16/26 20:45	50
trans-1,3-Dichloropropene	ND		250	30	ug/Kg			03/16/26 20:45	50
1,2,3-Trichlorobenzene	ND		500	250	ug/Kg			03/16/26 20:45	50
1,2,4-Trichlorobenzene	ND		500	250	ug/Kg			03/16/26 20:45	50
1,1,1-Trichloroethane	ND		250	35	ug/Kg			03/16/26 20:45	50
1,1,2-Trichloroethane	ND		250	25	ug/Kg			03/16/26 20:45	50
Trichloroethene	ND		250	30	ug/Kg			03/16/26 20:45	50
Trichlorofluoromethane	ND		250	40	ug/Kg			03/16/26 20:45	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	35	ug/Kg			03/16/26 20:45	50
Vinyl chloride	ND		250	40	ug/Kg			03/16/26 20:45	50
Xylenes, Total	ND		250	70	ug/Kg			03/16/26 20:45	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*50 - 141*		*03/16/26 20:45*	*50*
1,2-Dichloroethane-d4 (Surr)	*98*		*54 - 135*		*03/16/26 20:45*	*50*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*		*03/16/26 20:45*	*50*
Toluene-d8 (Surr)	*97*		*52 - 141*		*03/16/26 20:45*	*50*

Lab Sample ID: LCS 410-783714/7
Matrix: Solid
Analysis Batch: 783714

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	12500	9170		ug/Kg		73	53 - 142
Benzene	1000	1040		ug/Kg		104	80 - 120
Bromoform	1000	930		ug/Kg		93	61 - 127
Bromomethane	1000	643		ug/Kg		64	33 - 158
2-Butanone (MEK)	12500	11000		ug/Kg		88	48 - 142
Carbon disulfide	1000	941		ug/Kg		94	64 - 133
Carbon tetrachloride	1000	1110		ug/Kg		111	64 - 127
Chlorobenzene	1000	1040		ug/Kg		104	80 - 120
Chlorobromomethane	1000	1020		ug/Kg		102	80 - 124
Chlorodibromomethane	1000	1000		ug/Kg		100	69 - 125
Chloroethane	1000	718		ug/Kg		72	29 - 169
Chloroform	1000	1050		ug/Kg		105	73 - 120
Chloromethane	1000	923		ug/Kg		92	43 - 125
cis-1,2-Dichloroethene	1000	1040		ug/Kg		104	80 - 120
cis-1,3-Dichloropropene	1000	1030		ug/Kg		103	71 - 120
Cyclohexane	1000	1040		ug/Kg		104	58 - 120
1,2-Dibromo-3-Chloropropane	1000	851		ug/Kg		85	47 - 120
1,2-Dibromoethane	1000	995		ug/Kg		99	76 - 120
1,2-Dichlorobenzene	1000	997		ug/Kg		100	74 - 120
1,3-Dichlorobenzene	1000	1020		ug/Kg		102	75 - 120
1,4-Dichlorobenzene	1000	1020		ug/Kg		102	76 - 122
Dichlorobromomethane	1000	1030		ug/Kg		103	70 - 120
Dichlorodifluoromethane	1000	639		ug/Kg		64	37 - 126

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-783714/7
Matrix: Solid
Analysis Batch: 783714

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	1000	1080		ug/Kg		108	77 - 120
1,2-Dichloroethane	1000	1040		ug/Kg		104	72 - 124
1,1-Dichloroethene	1000	1070		ug/Kg		107	73 - 129
1,2-Dichloroethene, Total	2000	2070		ug/Kg		104	74 - 120
1,2-Dichloropropane	1000	1020		ug/Kg		102	75 - 124
1,4-Dioxane	25000	23500		ug/Kg		94	62 - 151
Ethylbenzene	1000	1050		ug/Kg		105	78 - 120
2-Hexanone	12500	12700		ug/Kg		102	54 - 135
Isopropylbenzene	1000	1060		ug/Kg		106	80 - 130
Methyl acetate	1000	1190		ug/Kg		119	52 - 148
Methylcyclohexane	1000	1050		ug/Kg		105	61 - 124
Methylene Chloride	1000	1010		ug/Kg		101	76 - 122
4-Methyl-2-pentanone (MIBK)	12500	12300		ug/Kg		98	58 - 138
Methyl tert-butyl ether	1000	982		ug/Kg		98	69 - 120
m-Xylene & p-Xylene	2000	2070		ug/Kg		104	80 - 120
o-Xylene	1000	1010		ug/Kg		101	75 - 120
Styrene	1000	1020		ug/Kg		102	76 - 120
1,1,2,2-Tetrachloroethane	1000	962		ug/Kg		96	69 - 125
Tetrachloroethene	1000	1080		ug/Kg		108	73 - 120
Toluene	1000	1050		ug/Kg		105	78 - 120
trans-1,2-Dichloroethene	1000	1030		ug/Kg		103	79 - 126
trans-1,3-Dichloropropene	1000	1040		ug/Kg		104	73 - 120
1,2,3-Trichlorobenzene	1000	905		ug/Kg		90	70 - 123
1,2,4-Trichlorobenzene	1000	975		ug/Kg		98	63 - 123
1,1,1-Trichloroethane	1000	1130		ug/Kg		113	69 - 123
1,1,2-Trichloroethane	1000	1000		ug/Kg		100	79 - 120
Trichloroethene	1000	1050		ug/Kg		105	79 - 120
Trichlorofluoromethane	1000	724		ug/Kg		72	59 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	1080		ug/Kg		108	53 - 126
Vinyl chloride	1000	965		ug/Kg		97	52 - 126
Xylenes, Total	3000	3080		ug/Kg		103	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*99*		*54 - 135*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*
Toluene-d8 (Surr)	*97*		*52 - 141*

Lab Sample ID: LCSD 410-783714/8
Matrix: Solid
Analysis Batch: 783714

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	12500	9490		ug/Kg		76	53 - 142	3	30
Benzene	1000	1030		ug/Kg		103	80 - 120	1	30
Bromoform	1000	950		ug/Kg		95	61 - 127	2	30
Bromomethane	1000	565		ug/Kg		56	33 - 158	13	30
2-Butanone (MEK)	12500	11600		ug/Kg		93	48 - 142	6	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783714/8
Matrix: Solid
Analysis Batch: 783714

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon disulfide			1000	927		ug/Kg		93	64 - 133	2	30
Carbon tetrachloride			1000	1120		ug/Kg		112	64 - 127	1	30
Chlorobenzene			1000	1040		ug/Kg		104	80 - 120	0	30
Chlorobromomethane			1000	1020		ug/Kg		102	80 - 124	0	30
Chlorodibromomethane			1000	1030		ug/Kg		103	69 - 125	3	30
Chloroethane			1000	684		ug/Kg		68	29 - 169	5	30
Chloroform			1000	1050		ug/Kg		105	73 - 120	0	30
Chloromethane			1000	889		ug/Kg		89	43 - 125	4	30
cis-1,2-Dichloroethene			1000	1040		ug/Kg		104	80 - 120	0	30
cis-1,3-Dichloropropene			1000	1030		ug/Kg		103	71 - 120	0	30
Cyclohexane			1000	1040		ug/Kg		104	58 - 120	1	30
1,2-Dibromo-3-Chloropropane			1000	907		ug/Kg		91	47 - 120	6	30
1,2-Dibromoethane			1000	1020		ug/Kg		102	76 - 120	2	30
1,2-Dichlorobenzene			1000	1020		ug/Kg		102	74 - 120	2	30
1,3-Dichlorobenzene			1000	1030		ug/Kg		103	75 - 120	1	30
1,4-Dichlorobenzene			1000	1030		ug/Kg		103	76 - 122	1	30
Dichlorobromomethane			1000	1040		ug/Kg		104	70 - 120	0	30
Dichlorodifluoromethane			1000	623		ug/Kg		62	37 - 126	2	30
1,1-Dichloroethane			1000	1070		ug/Kg		107	77 - 120	0	30
1,2-Dichloroethane			1000	1030		ug/Kg		103	72 - 124	1	30
1,1-Dichloroethene			1000	1030		ug/Kg		103	73 - 129	4	30
1,2-Dichloroethene, Total			2000	2060		ug/Kg		103	74 - 120	0	30
1,2-Dichloropropane			1000	1010		ug/Kg		101	75 - 124	1	30
1,4-Dioxane			25000	26100		ug/Kg		104	62 - 151	10	30
Ethylbenzene			1000	1040		ug/Kg		104	78 - 120	1	30
2-Hexanone			12500	13000		ug/Kg		104	54 - 135	2	30
Isopropylbenzene			1000	1060		ug/Kg		106	80 - 130	0	30
Methyl acetate			1000	1230		ug/Kg		123	52 - 148	3	30
Methylcyclohexane			1000	1050		ug/Kg		105	61 - 124	0	30
Methylene Chloride			1000	1000		ug/Kg		100	76 - 122	1	30
4-Methyl-2-pentanone (MIBK)			12500	12400		ug/Kg		100	58 - 138	1	30
Methyl tert-butyl ether			1000	976		ug/Kg		98	69 - 120	1	30
m-Xylene & p-Xylene			2000	2070		ug/Kg		103	80 - 120	0	30
o-Xylene			1000	1030		ug/Kg		103	75 - 120	2	30
Styrene			1000	1030		ug/Kg		103	76 - 120	1	30
1,1,2,2-Tetrachloroethane			1000	983		ug/Kg		98	69 - 125	2	30
Tetrachloroethene			1000	1090		ug/Kg		109	73 - 120	1	30
Toluene			1000	1060		ug/Kg		106	78 - 120	0	30
trans-1,2-Dichloroethene			1000	1020		ug/Kg		102	79 - 126	1	30
trans-1,3-Dichloropropene			1000	1080		ug/Kg		108	73 - 120	4	30
1,2,3-Trichlorobenzene			1000	957		ug/Kg		96	70 - 123	6	30
1,2,4-Trichlorobenzene			1000	1010		ug/Kg		101	63 - 123	4	30
1,1,1-Trichloroethane			1000	1130		ug/Kg		113	69 - 123	0	30
1,1,2-Trichloroethane			1000	1030		ug/Kg		103	79 - 120	2	30
Trichloroethene			1000	1040		ug/Kg		104	79 - 120	1	30
Trichlorofluoromethane			1000	710		ug/Kg		71	59 - 120	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane			1000	1050		ug/Kg		105	53 - 126	2	30
Vinyl chloride			1000	938		ug/Kg		94	52 - 126	3	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-783714/8
Matrix: Solid
Analysis Batch: 783714

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Xylenes, Total			3000	3100		ug/Kg		103	75 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*100*		*54 - 135*
4-Bromofluorobenzene (Surr)	*94*		*50 - 131*
Toluene-d8 (Surr)	*99*		*52 - 141*

Lab Sample ID: MB 410-784695/7
Matrix: Solid
Analysis Batch: 784695

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		1000	300	ug/Kg			03/18/26 10:04	50
Benzene	ND		250	25	ug/Kg			03/18/26 10:04	50
Bromoform	ND		500	250	ug/Kg			03/18/26 10:04	50
Bromomethane	ND		250	80	ug/Kg			03/18/26 10:04	50
2-Butanone (MEK)	ND		500	100	ug/Kg			03/18/26 10:04	50
Carbon disulfide	ND		250	30	ug/Kg			03/18/26 10:04	50
Carbon tetrachloride	ND		250	100	ug/Kg			03/18/26 10:04	50
Chlorobenzene	ND		250	25	ug/Kg			03/18/26 10:04	50
Chlorobromomethane	ND		250	35	ug/Kg			03/18/26 10:04	50
Chlorodibromomethane	ND		250	100	ug/Kg			03/18/26 10:04	50
Chloroethane	ND		250	75	ug/Kg			03/18/26 10:04	50
Chloroform	ND		250	30	ug/Kg			03/18/26 10:04	50
Chloromethane	ND		250	45	ug/Kg			03/18/26 10:04	50
cis-1,2-Dichloroethene	ND		250	30	ug/Kg			03/18/26 10:04	50
cis-1,3-Dichloropropene	ND		250	30	ug/Kg			03/18/26 10:04	50
Cyclohexane	ND		250	25	ug/Kg			03/18/26 10:04	50
1,2-Dibromo-3-Chloropropane	ND		250	50	ug/Kg			03/18/26 10:04	50
1,2-Dibromoethane	ND		250	30	ug/Kg			03/18/26 10:04	50
1,2-Dichlorobenzene	ND		250	30	ug/Kg			03/18/26 10:04	50
1,3-Dichlorobenzene	ND		250	25	ug/Kg			03/18/26 10:04	50
1,4-Dichlorobenzene	ND		250	25	ug/Kg			03/18/26 10:04	50
Dichlorobromomethane	ND		250	35	ug/Kg			03/18/26 10:04	50
Dichlorodifluoromethane	ND		250	30	ug/Kg			03/18/26 10:04	50
1,1-Dichloroethane	ND		250	25	ug/Kg			03/18/26 10:04	50
1,2-Dichloroethane	ND		250	30	ug/Kg			03/18/26 10:04	50
1,1-Dichloroethene	ND		250	30	ug/Kg			03/18/26 10:04	50
1,2-Dichloroethene, Total	ND		500	50	ug/Kg			03/18/26 10:04	50
1,2-Dichloropropane	ND		250	25	ug/Kg			03/18/26 10:04	50
1,4-Dioxane	ND		13000	2800	ug/Kg			03/18/26 10:04	50
Ethylbenzene	ND		250	20	ug/Kg			03/18/26 10:04	50
2-Hexanone	ND		500	75	ug/Kg			03/18/26 10:04	50
Isopropylbenzene	ND		250	30	ug/Kg			03/18/26 10:04	50
Methyl acetate	ND		250	50	ug/Kg			03/18/26 10:04	50
Methylcyclohexane	ND		250	30	ug/Kg			03/18/26 10:04	50
Methylene Chloride	ND		250	100	ug/Kg			03/18/26 10:04	50

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-784695/7
Matrix: Solid
Analysis Batch: 784695

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		500	75	ug/Kg			03/18/26 10:04	50
Methyl tert-butyl ether	ND		250	30	ug/Kg			03/18/26 10:04	50
m-Xylene & p-Xylene	ND		250	50	ug/Kg			03/18/26 10:04	50
o-Xylene	ND		250	30	ug/Kg			03/18/26 10:04	50
Styrene	ND		250	30	ug/Kg			03/18/26 10:04	50
1,1,2,2-Tetrachloroethane	ND		250	30	ug/Kg			03/18/26 10:04	50
Tetrachloroethene	ND		250	30	ug/Kg			03/18/26 10:04	50
Toluene	ND		250	30	ug/Kg			03/18/26 10:04	50
trans-1,2-Dichloroethene	ND		250	30	ug/Kg			03/18/26 10:04	50
trans-1,3-Dichloropropene	ND		250	30	ug/Kg			03/18/26 10:04	50
1,2,3-Trichlorobenzene	ND		500	250	ug/Kg			03/18/26 10:04	50
1,2,4-Trichlorobenzene	ND		500	250	ug/Kg			03/18/26 10:04	50
1,1,1-Trichloroethane	ND		250	35	ug/Kg			03/18/26 10:04	50
1,1,2-Trichloroethane	ND		250	25	ug/Kg			03/18/26 10:04	50
Trichloroethene	ND		250	30	ug/Kg			03/18/26 10:04	50
Trichlorofluoromethane	ND		250	40	ug/Kg			03/18/26 10:04	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	35	ug/Kg			03/18/26 10:04	50
Vinyl chloride	ND		250	40	ug/Kg			03/18/26 10:04	50
Xylenes, Total	ND		250	70	ug/Kg			03/18/26 10:04	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*50 - 141*		*03/18/26 10:04*	*50*
1,2-Dichloroethane-d4 (Surr)	*95*		*54 - 135*		*03/18/26 10:04*	*50*
4-Bromofluorobenzene (Surr)	*89*		*50 - 131*		*03/18/26 10:04*	*50*
Toluene-d8 (Surr)	*99*		*52 - 141*		*03/18/26 10:04*	*50*

Lab Sample ID: LCS 410-784695/4
Matrix: Solid
Analysis Batch: 784695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	12500	11300		ug/Kg		90	53 - 142
Benzene	1000	999		ug/Kg		100	80 - 120
Bromoform	1000	970		ug/Kg		97	61 - 127
Bromomethane	1000	961		ug/Kg		96	33 - 158
2-Butanone (MEK)	12500	9810		ug/Kg		78	48 - 142
Carbon disulfide	1000	921		ug/Kg		92	64 - 133
Carbon tetrachloride	1000	1090		ug/Kg		109	64 - 127
Chlorobenzene	1000	978		ug/Kg		98	80 - 120
Chlorobromomethane	1000	941		ug/Kg		94	80 - 124
Chlorodibromomethane	1000	936		ug/Kg		94	69 - 125
Chloroethane	1000	1040		ug/Kg		104	29 - 169
Chloroform	1000	1030		ug/Kg		103	73 - 120
Chloromethane	1000	787		ug/Kg		79	43 - 125
cis-1,2-Dichloroethene	1000	1030		ug/Kg		103	80 - 120
cis-1,3-Dichloropropene	1000	945		ug/Kg		95	71 - 120
Cyclohexane	1000	917		ug/Kg		92	58 - 120
1,2-Dibromo-3-Chloropropane	1000	854		ug/Kg		85	47 - 120

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-784695/4
Matrix: Solid
Analysis Batch: 784695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	1000	935		ug/Kg		93	76 - 120
1,2-Dichlorobenzene	1000	961		ug/Kg		96	74 - 120
1,3-Dichlorobenzene	1000	973		ug/Kg		97	75 - 120
1,4-Dichlorobenzene	1000	972		ug/Kg		97	76 - 122
Dichlorobromomethane	1000	990		ug/Kg		99	70 - 120
Dichlorodifluoromethane	1000	619		ug/Kg		62	37 - 126
1,1-Dichloroethane	1000	1050		ug/Kg		105	77 - 120
1,2-Dichloroethane	1000	1020		ug/Kg		102	72 - 124
1,1-Dichloroethene	1000	1010		ug/Kg		101	73 - 129
1,2-Dichloroethene, Total	2000	2040		ug/Kg		102	74 - 120
1,2-Dichloropropane	1000	978		ug/Kg		98	75 - 124
1,4-Dioxane	25000	25500		ug/Kg		102	62 - 151
Ethylbenzene	1000	984		ug/Kg		98	78 - 120
2-Hexanone	12500	10900		ug/Kg		87	54 - 135
Isopropylbenzene	1000	992		ug/Kg		99	80 - 130
Methyl acetate	1000	770		ug/Kg		77	52 - 148
Methylcyclohexane	1000	925		ug/Kg		93	61 - 124
Methylene Chloride	1000	967		ug/Kg		97	76 - 122
4-Methyl-2-pentanone (MIBK)	12500	11500		ug/Kg		92	58 - 138
Methyl tert-butyl ether	1000	923		ug/Kg		92	69 - 120
m-Xylene & p-Xylene	2000	1990		ug/Kg		99	80 - 120
o-Xylene	1000	975		ug/Kg		97	75 - 120
Styrene	1000	969		ug/Kg		97	76 - 120
1,1,2,2-Tetrachloroethane	1000	897		ug/Kg		90	69 - 125
Tetrachloroethene	1000	1020		ug/Kg		102	73 - 120
Toluene	1000	973		ug/Kg		97	78 - 120
trans-1,2-Dichloroethene	1000	1010		ug/Kg		101	79 - 126
trans-1,3-Dichloropropene	1000	972		ug/Kg		97	73 - 120
1,2,3-Trichlorobenzene	1000	914		ug/Kg		91	70 - 123
1,2,4-Trichlorobenzene	1000	954		ug/Kg		95	63 - 123
1,1,1-Trichloroethane	1000	1080		ug/Kg		108	69 - 123
1,1,2-Trichloroethane	1000	967		ug/Kg		97	79 - 120
Trichloroethene	1000	996		ug/Kg		100	79 - 120
Trichlorofluoromethane	1000	703		ug/Kg		70	59 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	967		ug/Kg		97	53 - 126
Vinyl chloride	1000	880		ug/Kg		88	52 - 126
Xylenes, Total	3000	2970		ug/Kg		99	75 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*103*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*94*		*54 - 135*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*
Toluene-d8 (Surr)	*99*		*52 - 141*

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-784695/5
Matrix: Solid
Analysis Batch: 784695

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			12500	11400		ug/Kg		91	53 - 142	1	30
Benzene			1000	999		ug/Kg		100	80 - 120	0	30
Bromoform			1000	953		ug/Kg		95	61 - 127	2	30
Bromomethane			1000	960		ug/Kg		96	33 - 158	0	30
2-Butanone (MEK)			12500	9810		ug/Kg		78	48 - 142	0	30
Carbon disulfide			1000	914		ug/Kg		91	64 - 133	1	30
Carbon tetrachloride			1000	1070		ug/Kg		107	64 - 127	1	30
Chlorobenzene			1000	987		ug/Kg		99	80 - 120	1	30
Chlorobromomethane			1000	950		ug/Kg		95	80 - 124	1	30
Chlorodibromomethane			1000	931		ug/Kg		93	69 - 125	1	30
Chloroethane			1000	1010		ug/Kg		101	29 - 169	2	30
Chloroform			1000	1030		ug/Kg		103	73 - 120	1	30
Chloromethane			1000	788		ug/Kg		79	43 - 125	0	30
cis-1,2-Dichloroethene			1000	1040		ug/Kg		104	80 - 120	1	30
cis-1,3-Dichloropropene			1000	951		ug/Kg		95	71 - 120	1	30
Cyclohexane			1000	924		ug/Kg		92	58 - 120	1	30
1,2-Dibromo-3-Chloropropane			1000	830		ug/Kg		83	47 - 120	3	30
1,2-Dibromoethane			1000	933		ug/Kg		93	76 - 120	0	30
1,2-Dichlorobenzene			1000	980		ug/Kg		98	74 - 120	2	30
1,3-Dichlorobenzene			1000	982		ug/Kg		98	75 - 120	1	30
1,4-Dichlorobenzene			1000	976		ug/Kg		98	76 - 122	0	30
Dichlorobromomethane			1000	990		ug/Kg		99	70 - 120	0	30
Dichlorodifluoromethane			1000	615		ug/Kg		61	37 - 126	1	30
1,1-Dichloroethane			1000	1040		ug/Kg		104	77 - 120	1	30
1,2-Dichloroethane			1000	1020		ug/Kg		102	72 - 124	0	30
1,1-Dichloroethene			1000	1010		ug/Kg		101	73 - 129	0	30
1,2-Dichloroethene, Total			2000	2050		ug/Kg		103	74 - 120	0	30
1,2-Dichloropropane			1000	979		ug/Kg		98	75 - 124	0	30
1,4-Dioxane			25000	25600		ug/Kg		103	62 - 151	0	30
Ethylbenzene			1000	986		ug/Kg		99	78 - 120	0	30
2-Hexanone			12500	10900		ug/Kg		87	54 - 135	0	30
Isopropylbenzene			1000	1010		ug/Kg		101	80 - 130	2	30
Methyl acetate			1000	802		ug/Kg		80	52 - 148	4	30
Methylcyclohexane			1000	934		ug/Kg		93	61 - 124	1	30
Methylene Chloride			1000	976		ug/Kg		98	76 - 122	1	30
4-Methyl-2-pentanone (MIBK)			12500	11500		ug/Kg		92	58 - 138	0	30
Methyl tert-butyl ether			1000	934		ug/Kg		93	69 - 120	1	30
m-Xylene & p-Xylene			2000	1980		ug/Kg		99	80 - 120	0	30
o-Xylene			1000	968		ug/Kg		97	75 - 120	1	30
Styrene			1000	973		ug/Kg		97	76 - 120	0	30
1,1,2,2-Tetrachloroethane			1000	889		ug/Kg		89	69 - 125	1	30
Tetrachloroethene			1000	1030		ug/Kg		103	73 - 120	1	30
Toluene			1000	984		ug/Kg		98	78 - 120	1	30
trans-1,2-Dichloroethene			1000	1010		ug/Kg		101	79 - 126	0	30
trans-1,3-Dichloropropene			1000	966		ug/Kg		97	73 - 120	1	30
1,2,3-Trichlorobenzene			1000	912		ug/Kg		91	70 - 123	0	30
1,2,4-Trichlorobenzene			1000	963		ug/Kg		96	63 - 123	1	30
1,1,1-Trichloroethane			1000	1080		ug/Kg		108	69 - 123	0	30

Method: EPA 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-784695/5
Matrix: Solid
Analysis Batch: 784695

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane			1000	951		ug/Kg		95	79 - 120	2	30
Trichloroethene			1000	1000		ug/Kg		100	79 - 120	0	30
Trichlorofluoromethane			1000	695		ug/Kg		69	59 - 120	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane			1000	973		ug/Kg		97	53 - 126	1	30
Vinyl chloride			1000	872		ug/Kg		87	52 - 126	1	30
Xylenes, Total			3000	2950		ug/Kg		98	75 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*104*		*50 - 141*
1,2-Dichloroethane-d4 (Surr)	*94*		*54 - 135*
4-Bromofluorobenzene (Surr)	*90*		*50 - 131*
Toluene-d8 (Surr)	*99*		*52 - 141*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-510879/1-A
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	19	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Acenaphthylene	ND		67	15	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Acetophenone	ND		670	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Anthracene	ND		67	17	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Atrazine	ND		670	150	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Benzaldehyde	ND		670	41	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Benzo[a]anthracene	ND		67	30	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Benzo[a]pyrene	ND		67	29	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Benzo[b]fluoranthene	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Benzo[g,h,i]perylene	ND		67	14	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Benzo[k]fluoranthene	ND		67	20	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
1,1'-Biphenyl	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Bis(2-chloroethoxy)methane	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Bis(2-chloroethyl)ether	ND		67	21	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Bis(2-ethylhexyl) phthalate	ND		3300	360	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4-Bromophenyl phenyl ether	ND		330	140	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Butyl benzyl phthalate	ND		1700	230	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Caprolactam	ND		1700	220	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Carbazole	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4-Chloroaniline	ND		330	88	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4-Chloro-3-methylphenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2-Chloronaphthalene	ND		67	15	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2-Chlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4-Chlorophenyl phenyl ether	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Chrysene	ND		67	37	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Dibenz(a,h)anthracene	ND		67	43	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Dibenzofuran	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
3,3'-Dichlorobenzidine	ND		330	310	ug/Kg		03/04/26 05:24	03/09/26 09:47	1

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-510879/1-A
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		67	26	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Diethyl phthalate	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,4-Dimethylphenol	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Dimethyl phthalate	ND		670	370	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Di-n-butyl phthalate	ND		3300	690	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4,6-Dinitro-2-methylphenol	ND		1700	580	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,4-Dinitrophenol	ND		3300	2100	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,4-Dinitrotoluene	ND		330	200	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,6-Dinitrotoluene	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Di-n-octyl phthalate	ND		330	190	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
1,4-Dioxane	ND		670	210	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Fluoranthene	ND		67	18	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Fluorene	ND		67	13	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Hexachlorobenzene	ND		67	24	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Hexachlorobutadiene	ND		67	20	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Hexachlorocyclopentadiene	ND		330	90	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Hexachloroethane	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Indeno[1,2,3-cd]pyrene	ND		67	33	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Isophorone	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2-Methylnaphthalene	ND		67	16	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2-Methylphenol	ND		330	96	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Methylphenol, 3 & 4	ND		330	98	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Naphthalene	ND		67	13	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2-Nitroaniline	ND		1700	150	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
3-Nitroaniline	ND		1700	85	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4-Nitroaniline	ND		1700	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Nitrobenzene	ND		670	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2-Nitrophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
4-Nitrophenol	ND		1700	230	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
N-Nitrosodi-n-propylamine	ND		67	23	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
N-Nitrosodiphenylamine	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,2'-oxybis[1-chloropropane]	ND		67	25	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Pentachlorophenol	ND		1700	540	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Phenanthrene	ND		67	18	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Phenol	ND		330	100	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
Pyrene	ND		67	24	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
1,2,4,5-Tetrachlorobenzene	ND		330	130	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,3,4,6-Tetrachlorophenol	ND		330	140	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,4,5-Trichlorophenol	ND		330	120	ug/Kg		03/04/26 05:24	03/09/26 09:47	1
2,4,6-Trichlorophenol	ND		330	110	ug/Kg		03/04/26 05:24	03/09/26 09:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*44 - 105*	*03/04/26 05:24*	*03/09/26 09:47*	*1*
2-Fluorophenol (Surr)	*83*		*48 - 105*	*03/04/26 05:24*	*03/09/26 09:47*	*1*
Nitrobenzene-d5 (Surr)	*86*		*46 - 105*	*03/04/26 05:24*	*03/09/26 09:47*	*1*
Phenol-d5 (Surr)	*82*		*46 - 105*	*03/04/26 05:24*	*03/09/26 09:47*	*1*
Terphenyl-d14 (Surr)	*76*		*39 - 105*	*03/04/26 05:24*	*03/09/26 09:47*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*34 - 108*	*03/04/26 05:24*	*03/09/26 09:47*	*1*

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510879/2-A
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	6670	5100		ug/Kg		76	50 - 100
Acenaphthylene	6670	5200		ug/Kg		78	52 - 100
Acetophenone	6670	5480		ug/Kg		82	48 - 100
Anthracene	6670	5120		ug/Kg		77	53 - 100
Atrazine	6670	5440		ug/Kg		82	49 - 103
Benzaldehyde	6670	5390		ug/Kg		81	23 - 105
Benzo[a]anthracene	6670	5020		ug/Kg		75	51 - 100
Benzo[a]pyrene	6670	5180		ug/Kg		78	51 - 100
Benzo[b]fluoranthene	6670	4980		ug/Kg		75	48 - 100
Benzo[g,h,i]perylene	6670	5090		ug/Kg		76	48 - 105
Benzo[k]fluoranthene	6670	5160		ug/Kg		77	19 - 100
1,1'-Biphenyl	6670	5260		ug/Kg		79	50 - 100
Bis(2-chloroethoxy)methane	6670	5300		ug/Kg		79	49 - 100
Bis(2-chloroethyl)ether	6670	5520		ug/Kg		83	48 - 100
Bis(2-ethylhexyl) phthalate	6670	6000		ug/Kg		90	53 - 107
4-Bromophenyl phenyl ether	6670	4940		ug/Kg		74	52 - 101
Butyl benzyl phthalate	6670	6040		ug/Kg		91	52 - 107
Caprolactam	6670	5320		ug/Kg		80	48 - 111
Carbazole	6670	5180		ug/Kg		78	53 - 100
4-Chloroaniline	6670	5280		ug/Kg		79	47 - 100
4-Chloro-3-methylphenol	6670	5610		ug/Kg		84	49 - 106
2-Chloronaphthalene	6670	5160		ug/Kg		77	51 - 100
2-Chlorophenol	6670	5690		ug/Kg		85	51 - 100
4-Chlorophenyl phenyl ether	6670	5090		ug/Kg		76	52 - 100
Chrysene	6670	4840		ug/Kg		73	50 - 100
Dibenz(a,h)anthracene	6670	5700		ug/Kg		86	50 - 107
Dibenzofuran	6670	5040		ug/Kg		76	52 - 100
3,3'-Dichlorobenzidine	6670	5750		ug/Kg		86	43 - 100
2,4-Dichlorophenol	6670	5490		ug/Kg		82	53 - 101
Diethyl phthalate	6670	5350		ug/Kg		80	48 - 104
2,4-Dimethylphenol	6670	5580		ug/Kg		84	51 - 101
Dimethyl phthalate	6670	5210		ug/Kg		78	53 - 100
Di-n-butyl phthalate	6670	5660		ug/Kg		85	57 - 102
4,6-Dinitro-2-methylphenol	13300	9800		ug/Kg		74	51 - 100
2,4-Dinitrophenol	13300	11000		ug/Kg		82	33 - 101
2,4-Dinitrotoluene	6670	5700		ug/Kg		85	54 - 104
2,6-Dinitrotoluene	6670	5530		ug/Kg		83	51 - 106
Di-n-octyl phthalate	6670	5310		ug/Kg		80	41 - 106
1,4-Dioxane	6670	5070		ug/Kg		76	25 - 125
Fluoranthene	6670	5190		ug/Kg		78	55 - 100
Fluorene	6670	5090		ug/Kg		76	52 - 100
Hexachlorobenzene	6670	4810		ug/Kg		72	49 - 100
Hexachlorobutadiene	6670	5200		ug/Kg		78	38 - 107
Hexachlorocyclopentadiene	6670	5620		ug/Kg		84	33 - 117
Hexachloroethane	6670	5570		ug/Kg		84	47 - 100
Indeno[1,2,3-cd]pyrene	6670	5700		ug/Kg		85	51 - 103
Isophorone	6670	5600		ug/Kg		84	48 - 105
2-Methylnaphthalene	6670	5100		ug/Kg		76	53 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-510879/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510978
Prep Batch: 510879

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2-Methylphenol			6670	5720		ug/Kg		86	50 - 101		
Methylphenol, 3 & 4			6670	5710		ug/Kg		86	50 - 103		
Naphthalene			6670	5040		ug/Kg		76	51 - 100		
2-Nitroaniline			6670	6210		ug/Kg		93	42 - 123		
3-Nitroaniline			6670	6010		ug/Kg		90	50 - 103		
4-Nitroaniline			6670	5920		ug/Kg		89	52 - 103		
Nitrobenzene			6670	5670		ug/Kg		85	44 - 108		
2-Nitrophenol			6670	5930		ug/Kg		89	55 - 107		
4-Nitrophenol			13300	12600		ug/Kg		95	30 - 134		
N-Nitrosodi-n-propylamine			6670	5770		ug/Kg		86	45 - 107		
N-Nitrosodiphenylamine			6670	5080		ug/Kg		76	52 - 100		
2,2'-oxybis[1-chloropropane]			6670	5730		ug/Kg		86	30 - 113		
Pentachlorophenol			13300	10200		ug/Kg		77	42 - 110		
Phenanthrene			6670	4960		ug/Kg		74	53 - 100		
Phenol			6670	5770		ug/Kg		87	49 - 100		
Pyrene			6670	4930		ug/Kg		74	52 - 100		
1,2,4,5-Tetrachlorobenzene			6670	5240		ug/Kg		79	41 - 104		
2,3,4,6-Tetrachlorophenol			6670	5280		ug/Kg		79	47 - 104		
2,4,5-Trichlorophenol			6670	5590		ug/Kg		84	50 - 104		
2,4,6-Trichlorophenol			6670	5650		ug/Kg		85	50 - 105		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*78*		*44 - 105*
2-Fluorophenol (Surr)	*90*		*48 - 105*
Nitrobenzene-d5 (Surr)	*89*		*46 - 105*
Phenol-d5 (Surr)	*88*		*46 - 105*
Terphenyl-d14 (Surr)	*76*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*83*		*34 - 108*

Lab Sample ID: 180-202505-19 MS
Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510978
Prep Batch: 510879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene	ND	F1	11500	7840		ug/Kg	☼	68	50 - 100		
Acenaphthylene	ND	F1	11500	8040		ug/Kg	☼	70	52 - 100		
Acetophenone	ND	F1	11500	7920		ug/Kg	☼	69	48 - 100		
Anthracene	ND	F1	11500	7990		ug/Kg	☼	70	53 - 100		
Atrazine	ND	F1	11500	8140		ug/Kg	☼	71	49 - 103		
Benzaldehyde	ND	F1	11500	1890	F1	ug/Kg	☼	17	23 - 105		
Benzo[a]anthracene	45	J F1	11500	8290		ug/Kg	☼	72	51 - 100		
Benzo[a]pyrene	46	J F1	11500	8480		ug/Kg	☼	74	51 - 100		
Benzo[b]fluoranthene	66	J F1	11500	8340		ug/Kg	☼	72	48 - 100		
Benzo[g,h,i]perylene	32	J F1	11500	8460		ug/Kg	☼	74	48 - 105		
Benzo[k]fluoranthene	24	J F1	11500	7850		ug/Kg	☼	68	19 - 100		
1,1'-Biphenyl	ND	F1	11500	8040		ug/Kg	☼	70	50 - 100		
Bis(2-chloroethoxy)methane	ND	F1	11500	8090		ug/Kg	☼	71	49 - 100		
Bis(2-chloroethyl)ether	ND	F1	11500	8110		ug/Kg	☼	71	48 - 100		

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202505-19 MS
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Prep Type: Total/NA
Prep Batch: 510879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	ND	F1	11500	9940		ug/Kg	☼	87	53 - 107
4-Bromophenyl phenyl ether	ND	F1	11500	8040		ug/Kg	☼	70	52 - 101
Butyl benzyl phthalate	ND	F1	11500	10300		ug/Kg	☼	90	52 - 107
Caprolactam	ND	F1	11500	3850	F1	ug/Kg	☼	34	48 - 111
Carbazole	ND	F1	11500	8150		ug/Kg	☼	71	53 - 100
4-Chloroaniline	ND		11500	6400		ug/Kg	☼	56	47 - 100
4-Chloro-3-methylphenol	ND	F1	11500	8660		ug/Kg	☼	76	49 - 106
2-Chloronaphthalene	ND	F1	11500	8020		ug/Kg	☼	70	51 - 100
2-Chlorophenol	ND	F1	11500	8160		ug/Kg	☼	71	51 - 100
4-Chlorophenyl phenyl ether	ND	F1	11500	8000		ug/Kg	☼	70	52 - 100
Chrysene	58	J F1	11500	7960		ug/Kg	☼	69	50 - 100
Dibenz(a,h)anthracene	ND	F1	11500	9340		ug/Kg	☼	82	50 - 107
Dibenzofuran	ND	F1	11500	7860		ug/Kg	☼	69	52 - 100
3,3'-Dichlorobenzidine	ND		11500	6730		ug/Kg	☼	59	43 - 100
2,4-Dichlorophenol	ND	F1	11500	8340		ug/Kg	☼	73	53 - 101
Diethyl phthalate	ND	F1	11500	8370		ug/Kg	☼	73	48 - 104
2,4-Dimethylphenol	ND		11500	7700		ug/Kg	☼	67	51 - 101
Dimethyl phthalate	ND	F1	11500	8220		ug/Kg	☼	72	53 - 100
Di-n-butyl phthalate	ND	F1	11500	8860		ug/Kg	☼	77	57 - 102
4,6-Dinitro-2-methylphenol	ND		22900	15000		ug/Kg	☼	65	51 - 100
2,4-Dinitrophenol	ND		22900	13100		ug/Kg	☼	57	33 - 101
2,4-Dinitrotoluene	ND	F1	11500	9060		ug/Kg	☼	79	54 - 104
2,6-Dinitrotoluene	ND	F1	11500	8690		ug/Kg	☼	76	51 - 106
Di-n-octyl phthalate	ND	F1	11500	8880		ug/Kg	☼	78	41 - 106
1,4-Dioxane	ND		11500	6170		ug/Kg	☼	54	25 - 125
Fluoranthene	100	F1	11500	8210		ug/Kg	☼	71	55 - 100
Fluorene	ND	F1	11500	7910		ug/Kg	☼	69	52 - 100
Hexachlorobenzene	ND	F1	11500	7880		ug/Kg	☼	69	49 - 100
Hexachlorobutadiene	ND		11500	7920		ug/Kg	☼	69	38 - 107
Hexachlorocyclopentadiene	ND		11500	8300		ug/Kg	☼	72	33 - 117
Hexachloroethane	ND	F1	11500	8150		ug/Kg	☼	71	47 - 100
Indeno[1,2,3-cd]pyrene	ND	F1	11500	9400		ug/Kg	☼	82	51 - 103
Isophorone	ND	F1	11500	8490		ug/Kg	☼	74	48 - 105
2-Methylnaphthalene	ND	F1	11500	7800		ug/Kg	☼	68	53 - 100
2-Methylphenol	ND	F1	11500	8100		ug/Kg	☼	71	50 - 101
Methylphenol, 3 & 4	ND	F1	11500	8180		ug/Kg	☼	71	50 - 103
Naphthalene	ND	F1	11500	7680		ug/Kg	☼	67	51 - 100
2-Nitroaniline	ND	F1	11500	9770		ug/Kg	☼	85	42 - 123
3-Nitroaniline	ND		11500	7120		ug/Kg	☼	62	50 - 103
4-Nitroaniline	ND		11500	6420		ug/Kg	☼	56	52 - 103
Nitrobenzene	ND	F1	11500	8630		ug/Kg	☼	75	44 - 108
2-Nitrophenol	ND	F1	11500	9090		ug/Kg	☼	79	55 - 107
4-Nitrophenol	ND		22900	18300		ug/Kg	☼	80	30 - 134
N-Nitrosodi-n-propylamine	ND	F1	11500	8460		ug/Kg	☼	74	45 - 107
N-Nitrosodiphenylamine	ND	F1	11500	7930		ug/Kg	☼	69	52 - 100
2,2'-oxybis[1-chloropropane]	ND		11500	8220		ug/Kg	☼	72	30 - 113
Pentachlorophenol	ND		22900	15700		ug/Kg	☼	68	42 - 110
Phenanthrene	47	J F1	11500	7780		ug/Kg	☼	68	53 - 100
Phenol	ND	F1	11500	8160		ug/Kg	☼	71	49 - 100

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202505-19 MS
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Prep Type: Total/NA
Prep Batch: 510879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Pyrene	88	F1	11500	8210		ug/Kg	☼	71	52 - 100
1,2,4,5-Tetrachlorobenzene	ND	F1	11500	8050		ug/Kg	☼	70	41 - 104
2,3,4,6-Tetrachlorophenol	ND	F1	11500	8210		ug/Kg	☼	72	47 - 104
2,4,5-Trichlorophenol	ND	F1	11500	8690		ug/Kg	☼	76	50 - 104
2,4,6-Trichlorophenol	ND	F1	11500	8800		ug/Kg	☼	77	50 - 105

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*71*		*44 - 105*
2-Fluorophenol (Surr)	*75*		*48 - 105*
Nitrobenzene-d5 (Surr)	*80*		*46 - 105*
Phenol-d5 (Surr)	*75*		*46 - 105*
Terphenyl-d14 (Surr)	*73*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*79*		*34 - 108*

Lab Sample ID: 180-202505-19 MSD
Matrix: Solid
Analysis Batch: 510978

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Prep Type: Total/NA
Prep Batch: 510879

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND	F1	11500	7350		ug/Kg	☼	64	50 - 100	7	20
Acenaphthylene	ND	F1	11500	7610		ug/Kg	☼	66	52 - 100	6	20
Acetophenone	ND	F1	11500	7430		ug/Kg	☼	65	48 - 100	6	17
Anthracene	ND	F1	11500	7650		ug/Kg	☼	67	53 - 100	4	20
Atrazine	ND	F1	11500	7950		ug/Kg	☼	69	49 - 103	2	19
Benzaldehyde	ND	F1	11500	1800	F1	ug/Kg	☼	16	23 - 105	5	31
Benzo[a]anthracene	45	J F1	11500	7950		ug/Kg	☼	69	51 - 100	4	21
Benzo[a]pyrene	46	J F1	11500	8060		ug/Kg	☼	70	51 - 100	5	20
Benzo[b]fluoranthene	66	J F1	11500	8120		ug/Kg	☼	70	48 - 100	3	20
Benzo[g,h,i]perylene	32	J F1	11500	8050		ug/Kg	☼	70	48 - 105	5	19
Benzo[k]fluoranthene	24	J F1	11500	7470		ug/Kg	☼	65	19 - 100	5	20
1,1'-Biphenyl	ND	F1	11500	7640		ug/Kg	☼	67	50 - 100	5	19
Bis(2-chloroethoxy)methane	ND	F1	11500	7800		ug/Kg	☼	68	49 - 100	4	20
Bis(2-chloroethyl)ether	ND	F1	11500	7720		ug/Kg	☼	67	48 - 100	5	18
Bis(2-ethylhexyl) phthalate	ND	F1	11500	9500		ug/Kg	☼	83	53 - 107	5	20
4-Bromophenyl phenyl ether	ND	F1	11500	7680		ug/Kg	☼	67	52 - 101	5	20
Butyl benzyl phthalate	ND	F1	11500	9900		ug/Kg	☼	86	52 - 107	4	19
Caprolactam	ND	F1	11500	3780	F1	ug/Kg	☼	33	48 - 111	2	23
Carbazole	ND	F1	11500	7810		ug/Kg	☼	68	53 - 100	4	20
4-Chloroaniline	ND		11500	6080		ug/Kg	☼	53	47 - 100	5	20
4-Chloro-3-methylphenol	ND	F1	11500	8200		ug/Kg	☼	72	49 - 106	5	20
2-Chloronaphthalene	ND	F1	11500	7520		ug/Kg	☼	66	51 - 100	6	20
2-Chlorophenol	ND	F1	11500	7750		ug/Kg	☼	68	51 - 100	5	17
4-Chlorophenyl phenyl ether	ND	F1	11500	7460		ug/Kg	☼	65	52 - 100	7	19
Chrysene	58	J F1	11500	7690		ug/Kg	☼	67	50 - 100	3	20
Dibenz(a,h)anthracene	ND	F1	11500	8820		ug/Kg	☼	77	50 - 107	6	21
Dibenzofuran	ND	F1	11500	7410		ug/Kg	☼	65	52 - 100	6	19
3,3'-Dichlorobenzidine	ND		11500	6570		ug/Kg	☼	57	43 - 100	2	19
2,4-Dichlorophenol	ND	F1	11500	7970		ug/Kg	☼	70	53 - 101	5	22

Method: EPA 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 180-202505-19 MSD
Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510978
Prep Batch: 510879

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	ND	F1	11500	7880		ug/Kg	☼	69	48 - 104	6	20
2,4-Dimethylphenol	ND		11500	7240		ug/Kg	☼	63	51 - 101	6	32
Dimethyl phthalate	ND	F1	11500	7750		ug/Kg	☼	68	53 - 100	6	21
Di-n-butyl phthalate	ND	F1	11500	8400		ug/Kg	☼	73	57 - 102	5	20
4,6-Dinitro-2-methylphenol	ND		22900	14500		ug/Kg	☼	63	51 - 100	3	22
2,4-Dinitrophenol	ND		22900	12700		ug/Kg	☼	55	33 - 101	3	20
2,4-Dinitrotoluene	ND	F1	11500	8510		ug/Kg	☼	74	54 - 104	6	20
2,6-Dinitrotoluene	ND	F1	11500	8180		ug/Kg	☼	71	51 - 106	6	20
Di-n-octyl phthalate	ND	F1	11500	8490		ug/Kg	☼	74	41 - 106	4	18
1,4-Dioxane	ND		11500	5880		ug/Kg	☼	51	25 - 125	5	17
Fluoranthene	100	F1	11500	7820		ug/Kg	☼	67	55 - 100	5	20
Fluorene	ND	F1	11500	7370		ug/Kg	☼	64	52 - 100	7	19
Hexachlorobenzene	ND	F1	11500	7420		ug/Kg	☼	65	49 - 100	6	20
Hexachlorobutadiene	ND		11500	7460		ug/Kg	☼	65	38 - 107	6	22
Hexachlorocyclopentadiene	ND		11500	7850		ug/Kg	☼	69	33 - 117	6	19
Hexachloroethane	ND	F1	11500	7790		ug/Kg	☼	68	47 - 100	4	17
Indeno[1,2,3-cd]pyrene	ND	F1	11500	8980		ug/Kg	☼	78	51 - 103	5	19
Isophorone	ND	F1	11500	8160		ug/Kg	☼	71	48 - 105	4	20
2-Methylnaphthalene	ND	F1	11500	7460		ug/Kg	☼	65	53 - 100	4	21
2-Methylphenol	ND	F1	11500	7650		ug/Kg	☼	67	50 - 101	6	17
Methylphenol, 3 & 4	ND	F1	11500	7750		ug/Kg	☼	68	50 - 103	5	19
Naphthalene	ND	F1	11500	7330		ug/Kg	☼	64	51 - 100	5	20
2-Nitroaniline	ND	F1	11500	9220		ug/Kg	☼	81	42 - 123	6	19
3-Nitroaniline	ND		11500	6750		ug/Kg	☼	59	50 - 103	5	20
4-Nitroaniline	ND		11500	6080		ug/Kg	☼	53	52 - 103	5	18
Nitrobenzene	ND	F1	11500	8310		ug/Kg	☼	73	44 - 108	4	21
2-Nitrophenol	ND	F1	11500	8720		ug/Kg	☼	76	55 - 107	4	19
4-Nitrophenol	ND		22900	17300		ug/Kg	☼	75	30 - 134	6	18
N-Nitrosodi-n-propylamine	ND	F1	11500	8050		ug/Kg	☼	70	45 - 107	5	18
N-Nitrosodiphenylamine	ND	F1	11500	7500		ug/Kg	☼	65	52 - 100	6	20
2,2'-oxybis[1-chloropropane]	ND		11500	7970		ug/Kg	☼	70	30 - 113	3	17
Pentachlorophenol	ND		22900	14900		ug/Kg	☼	65	42 - 110	5	20
Phenanthrene	47	J F1	11500	7410		ug/Kg	☼	64	53 - 100	5	20
Phenol	ND	F1	11500	7780		ug/Kg	☼	68	49 - 100	5	16
Pyrene	88	F1	11500	7800		ug/Kg	☼	67	52 - 100	5	20
1,2,4,5-Tetrachlorobenzene	ND	F1	11500	7600		ug/Kg	☼	66	41 - 104	6	21
2,3,4,6-Tetrachlorophenol	ND	F1	11500	7750		ug/Kg	☼	68	47 - 104	6	18
2,4,5-Trichlorophenol	ND	F1	11500	8010		ug/Kg	☼	70	50 - 104	8	21
2,4,6-Trichlorophenol	ND	F1	11500	8360		ug/Kg	☼	73	50 - 105	5	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*66*		*44 - 105*
2-Fluorophenol (Surr)	*70*		*48 - 105*
Nitrobenzene-d5 (Surr)	*76*		*46 - 105*
Phenol-d5 (Surr)	*71*		*46 - 105*
Terphenyl-d14 (Surr)	*69*		*39 - 105*
2,4,6-Tribromophenol (Surr)	*75*		*34 - 108*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 180-510880/1-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		17	5.4	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1221	ND		17	5.9	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1232	ND		17	4.1	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1242	ND		17	2.4	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1248	ND		17	4.0	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1254	ND		17	5.0	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1260	ND		17	4.7	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1262	ND		17	5.9	ug/Kg		03/06/26 12:16	03/09/26 22:46	1
PCB-1268	ND		17	2.2	ug/Kg		03/06/26 12:16	03/09/26 22:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*94*		*26 - 142*	*03/06/26 12:16*	*03/09/26 22:46*	*1*
DCB Decachlorobiphenyl (Surr)	*89*		*26 - 142*	*03/06/26 12:16*	*03/09/26 22:46*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/06/26 12:16*	*03/09/26 22:46*	*1*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*	*03/06/26 12:16*	*03/09/26 22:46*	*1*

Lab Sample ID: LCS 180-510880/2-A
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510880

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1330	1130		ug/Kg		85	53 - 115		
PCB-1260			1330	1160		ug/Kg		87	45 - 108		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*101*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*95*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*106*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*103*		*17 - 144*

Lab Sample ID: 180-202505-19 MS
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Prep Type: Total/NA
Prep Batch: 510880

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		1490	1200		ug/Kg	☼	81	53 - 115		
PCB-1260	ND		1490	1160		ug/Kg	☼	78	45 - 108		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*87*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*82*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*95*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*97*		*17 - 144*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 180-202505-19 MSD
Matrix: Solid
Analysis Batch: 510964

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Prep Type: Total/NA
Prep Batch: 510880

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		1490	1190		ug/Kg	☼	80	53 - 115	1	25
PCB-1260	ND		1490	1180		ug/Kg	☼	80	45 - 108	2	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*87*		*26 - 142*
DCB Decachlorobiphenyl (Surr)	*84*		*26 - 142*
Tetrachloro-m-xylene (Surr)	*96*		*17 - 144*
Tetrachloro-m-xylene (Surr)	*94*		*17 - 144*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A

Lab Sample ID: MB 410-780529/1-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780529

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.40	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.060	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.060	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorononanesulfonic acid (PFNS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-780529/1-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780529

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.40	0.20	ng/g		03/10/26 14:32	03/12/26 05:42	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.0	0.50	ng/g		03/10/26 14:32	03/12/26 05:42	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.10	ng/g		03/10/26 14:32	03/12/26 05:42	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4-PFBA	*87.1*		*8 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C5-PFPeA	*96.4*		*35 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C5-PFHxA	*90.0*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C4-PFHpA	*88.7*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C8-PFOA	*83.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C9-PFNA	*81.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C6-PFDA	*76.2*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C7-PFUnA	*75.6*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C2 PFDoA	*75.9*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C2-PFTeDA	*54.9*		*20 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C3-PFBS	*87.6*		*40 - 135*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C3-PFHxS	*83.3*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C8-PFOS	*79.3*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C8-PFOSA	*110*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
d3-NMeFOSAA	*80.2*		*40 - 135*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
d5-NEtFOSAA	*108*		*40 - 150*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C2 4:2 FTS	*126*		*40 - 165*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C2 6:2 FTS	*122*		*40 - 215*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C2 8:2 FTS	*124*		*40 - 275*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
13C3-HFPO-DA	*83.4*		*40 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*
D7-NMeFOSE	*55.0*		*20 - 130*	*03/10/26 14:32*	*03/12/26 05:42*	*1*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: MB 410-780529/1-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 780529

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
D9-NEtFOSE	42.9		15 - 130	03/10/26 14:32	03/12/26 05:42	1
d5-NEtPFOSA	43.4		10 - 130	03/10/26 14:32	03/12/26 05:42	1
d3-NMePFOSA	54.5		10 - 130	03/10/26 14:32	03/12/26 05:42	1

Lab Sample ID: LCS 410-780529/2-A
Matrix: Solid
Analysis Batch: 781699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.00	4.65		ng/g		93	70 - 140
Perfluoropentanoic acid (PFPeA)	2.50	2.37		ng/g		95	60 - 150
Perfluorohexanoic acid (PFHxA)	2.50	2.42		ng/g		97	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.50	2.41		ng/g		96	65 - 145
Perfluorooctanoic acid (PFOA)	2.50	2.35		ng/g		94	70 - 150
Perfluorononanoic acid (PFNA)	2.50	2.21		ng/g		89	70 - 155
Perfluorodecanoic acid (PFDA)	2.50	2.51		ng/g		100	70 - 155
Perfluoroundecanoic acid (PFUnA)	2.50	2.04		ng/g		82	70 - 155
Perfluorododecanoic acid (PFDoA)	2.50	1.87		ng/g		75	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.50	2.21		ng/g		88	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.50	2.39		ng/g		96	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.22	2.24		ng/g		101	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.35	2.28		ng/g		97	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.28	2.29		ng/g		101	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.39	2.11		ng/g		89	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.33	2.10		ng/g		90	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.41	2.40		ng/g		100	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	2.43	1.97		ng/g		81	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.69	4.38		ng/g		93	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.76	4.44		ng/g		93	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.80	4.49		ng/g		94	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.50	2.28		ng/g		91	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.50	2.54		ng/g		101	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.50	2.61		ng/g		104	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.50	2.32		ng/g		93	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.50	2.25		ng/g		90	65 - 165

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-780529/2-A
Matrix: Solid
Analysis Batch: 781699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.5	11.8		ng/g		94	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.5	10.6		ng/g		85	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.88	1.96		ng/g		104	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.37	2.35		ng/g		99	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.50	2.18		ng/g		87	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.50	2.58		ng/g		103	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.50	2.66		ng/g		107	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.34	2.20		ng/g		94	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.36	2.20		ng/g		93	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.23	1.98		ng/g		89	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	5.00	4.84		ng/g		97	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.5	10.2		ng/g		81	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.5	9.43		ng/g		75	60 - 150
Perfluorodecanesulfonic acid (PFDS)	2.41	1.98		ng/g		82	40 - 155

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4-PFBA	*90.5*		*8 - 130*
13C5-PFPeA	*107*		*35 - 130*
13C5-PFHxA	*108*		*40 - 130*
13C4-PFHpA	*108*		*40 - 130*
13C8-PFOA	*85.4*		*40 - 130*
13C9-PFNA	*83.4*		*40 - 130*
13C6-PFDA	*81.1*		*40 - 130*
13C7-PFUnA	*77.9*		*40 - 130*
13C2 PFDoA	*75.6*		*40 - 130*
13C2-PFTeDA	*71.1*		*20 - 130*
13C3-PFBS	*90.8*		*40 - 135*
13C3-PFHxS	*89.6*		*40 - 130*
13C8-PFOS	*88.8*		*40 - 130*
13C8-PFOSA	*78.2*		*40 - 130*
d3-NMeFOSAA	*74.2*		*40 - 135*
d5-NEtFOSAA	*71.4*		*40 - 150*
13C2 4:2 FTS	*97.0*		*40 - 165*
13C2 6:2 FTS	*96.8*		*40 - 215*
13C2 8:2 FTS	*81.4*		*40 - 275*
13C3-HFPO-DA	*106*		*40 - 130*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LCS 410-780529/2-A
Matrix: Solid
Analysis Batch: 781699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
D7-NMeFOSE	*55.1*		*20 - 130*
D9-NEtFOSE	*58.6*		*15 - 130*
d5-NEtPFOSA	*67.2*		*10 - 130*
d3-NMePFOSA	*69.8*		*10 - 130*

Lab Sample ID: LLCS 410-780529/3-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.500	0.451		ng/g		90	70 - 140
Perfluoropentanoic acid (PFPeA)	0.250	0.222		ng/g		89	60 - 150
Perfluorohexanoic acid (PFHxA)	0.250	0.255		ng/g		102	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.250	0.219		ng/g		87	65 - 145
Perfluorooctanoic acid (PFOA)	0.250	0.227		ng/g		91	70 - 150
Perfluorononanoic acid (PFNA)	0.250	0.229		ng/g		92	70 - 155
Perfluorodecanoic acid (PFDA)	0.250	0.224		ng/g		90	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.250	0.221		ng/g		88	70 - 155
Perfluorododecanoic acid (PFDoA)	0.250	0.240		ng/g		96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	0.250	0.225		ng/g		90	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.250	0.213		ng/g		85	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.222	0.203		ng/g		91	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.235	0.205		ng/g		87	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.228	0.200		ng/g		88	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.239	0.225		ng/g		94	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.233	0.210		ng/g		90	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.241	0.212		ng/g		88	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	0.243	0.129	J	ng/g		53	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.469	0.421		ng/g		90	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.476	0.424		ng/g		89	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.480	0.470		ng/g		98	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.250	0.249		ng/g		100	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.250	0.263		ng/g		105	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.250	0.239		ng/g		96	70 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.250	0.247		ng/g		99	65 - 155

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-780529/3-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.250	0.240		ng/g		96	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.25	1.17		ng/g		93	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.25	1.22		ng/g		98	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.188	0.201		ng/g		107	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.237	0.233		ng/g		99	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.250	0.206		ng/g		82	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.250	0.252		ng/g		101	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.250	0.249		ng/g		100	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.234	0.191	J	ng/g		82	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.236	0.169	J	ng/g		72	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.223	0.235		ng/g		105	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.500	0.556		ng/g		111	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.25	1.02		ng/g		81	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.25	0.752	J	ng/g		60	60 - 150
Perfluorodecanesulfonic acid (PFDS)	0.241	0.201		ng/g		84	40 - 155

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4-PFBA	*92.9*		*8 - 130*
13C5-PFPeA	*95.6*		*35 - 130*
13C5-PFHxA	*91.4*		*40 - 130*
13C4-PFHpA	*93.6*		*40 - 130*
13C8-PFOA	*89.8*		*40 - 130*
13C9-PFNA	*90.4*		*40 - 130*
13C6-PFDA	*91.8*		*40 - 130*
13C7-PFUnA	*97.1*		*40 - 130*
13C2 PFDoA	*96.6*		*40 - 130*
13C2-PFTeDA	*77.7*		*20 - 130*
13C3-PFBS	*93.5*		*40 - 135*
13C3-PFHxS	*92.3*		*40 - 130*
13C8-PFOS	*103*		*40 - 130*
13C8-PFOSA	*114*		*40 - 130*
d3-NMeFOSAA	*83.9*		*40 - 135*
d5-NEtFOSAA	*115*		*40 - 150*
13C2 4:2 FTS	*122*		*40 - 165*
13C2 6:2 FTS	*120*		*40 - 215*
13C2 8:2 FTS	*118*		*40 - 275*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: LLCS 410-780529/3-A
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 780529

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C3-HFPO-DA	*85.6*		*40 - 130*
D7-NMeFOSE	*65.2*		*20 - 130*
D9-NEtFOSE	*45.9*		*15 - 130*
d5-NEtPFOSA	*63.1*		*10 - 130*
d3-NMePFOSA	*69.9*		*10 - 130*

Lab Sample ID: 180-202505-19 MS
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	ND		4.88	4.70		ng/g	☼	96	70 - 140
Perfluoropentanoic acid (PFPeA)	0.11	J	2.44	2.34		ng/g	☼	91	60 - 150
Perfluorohexanoic acid (PFHxA)	0.11	J	2.44	2.43		ng/g	☼	95	65 - 140
Perfluoroheptanoic acid (PFHpA)	ND		2.44	2.42		ng/g	☼	99	65 - 145
Perfluorooctanoic acid (PFOA)	0.20		2.44	2.36		ng/g	☼	89	70 - 150
Perfluorononanoic acid (PFNA)	ND		2.44	2.37		ng/g	☼	97	70 - 155
Perfluorodecanoic acid (PFDA)	ND		2.44	2.42		ng/g	☼	99	70 - 155
Perfluoroundecanoic acid (PFUnA)	ND		2.44	2.61		ng/g	☼	107	70 - 155
Perfluorododecanoic acid (PFDoA)	ND		2.44	2.63		ng/g	☼	108	70 - 150
Perfluorotridecanoic acid (PFTrDA)	ND		2.44	2.61		ng/g	☼	107	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	ND		2.44	2.63		ng/g	☼	108	65 - 150
Perfluorobutanesulfonic acid (PFBS)	ND		2.17	2.01		ng/g	☼	93	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	ND		2.29	2.21		ng/g	☼	96	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	ND		2.23	1.98		ng/g	☼	89	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.33	2.41		ng/g	☼	103	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.35		2.27	2.59		ng/g	☼	99	65 - 160
Perfluorononanesulfonic acid (PFNS)	ND		2.35	2.00		ng/g	☼	85	55 - 140
Perfluorododecanesulfonic acid (PFDoS)	ND		2.37	1.26		ng/g	☼	53	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.58	4.33		ng/g	☼	95	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.65	4.32		ng/g	☼	93	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.69	4.76		ng/g	☼	102	70 - 150
Perfluorooctanesulfonamide (PFOSA)	ND		2.44	2.55		ng/g	☼	104	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.44	2.60		ng/g	☼	107	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.44	2.92		ng/g	☼	120	70 - 140

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202505-19 MS
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.44	2.60		ng/g	☼	106	65 - 155
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.44	2.59		ng/g	☼	106	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.2	12.8		ng/g	☼	104	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.2	13.8		ng/g	☼	113	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.83	1.92		ng/g	☼	105	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.31	2.32		ng/g	☼	101	70 - 160
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.44	2.12		ng/g	☼	87	60 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.44	2.51		ng/g	☼	103	30 - 140
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.44	2.14		ng/g	☼	88	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.28	2.04		ng/g	☼	90	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.30	1.58		ng/g	☼	69	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.18	2.10		ng/g	☼	97	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.88	4.19		ng/g	☼	86	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.2	8.66		ng/g	☼	71	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND	F2	12.2	7.84		ng/g	☼	64	60 - 150
Perfluorodecanesulfonic acid (PFDS)	ND		2.35	1.87		ng/g	☼	80	40 - 155

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4-PFBA	*100*		*8 - 130*
13C5-PFPeA	*93.9*		*35 - 130*
13C5-PFHxA	*95.8*		*40 - 130*
13C4-PFHpA	*91.9*		*40 - 130*
13C8-PFOA	*95.7*		*40 - 130*
13C9-PFNA	*89.3*		*40 - 130*
13C6-PFDA	*79.6*		*40 - 130*
13C7-PFUnA	*75.6*		*40 - 130*
13C2 PFDoA	*68.8*		*40 - 130*
13C2-PFTeDA	*54.7*		*20 - 130*
13C3-PFBS	*93.6*		*40 - 135*
13C3-PFHxS	*91.8*		*40 - 130*
13C8-PFOS	*77.7*		*40 - 130*
13C8-PFOSA	*74.9*		*40 - 130*
d3-NMeFOSAA	*67.7*		*40 - 135*
d5-NEtFOSAA	*76.4*		*40 - 150*
13C2 4:2 FTS	*221*	*5+	*40 - 165*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202505-19 MS
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Prep Type: Total/NA
Prep Batch: 780529

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C2 6:2 FTS	*137*		*40 - 215*
13C2 8:2 FTS	*103*		*40 - 275*
13C3-HFPO-DA	*86.9*		*40 - 130*
D7-NMeFOSE	*23.7*		*20 - 130*
D9-NEtFOSE	*17.7*		*15 - 130*
d5-NEtPFOSA	*52.9*		*10 - 130*
d3-NMePFOSA	*61.0*		*10 - 130*

Lab Sample ID: 180-202505-19 MSD
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Prep Type: Total/NA
Prep Batch: 780529

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	ND		4.84	4.58		ng/g	☼	95	70 - 140	3	30
Perfluoropentanoic acid (PFPeA)	0.11	J	2.42	2.22		ng/g	☼	87	60 - 150	5	30
Perfluorohexanoic acid (PFHxA)	0.11	J	2.42	2.38		ng/g	☼	94	65 - 140	2	30
Perfluoroheptanoic acid (PFHpA)	ND		2.42	2.54		ng/g	☼	105	65 - 145	5	30
Perfluorooctanoic acid (PFOA)	0.20		2.42	2.39		ng/g	☼	91	70 - 150	1	30
Perfluorononanoic acid (PFNA)	ND		2.42	2.37		ng/g	☼	98	70 - 155	0	30
Perfluorodecanoic acid (PFDA)	ND		2.42	2.27		ng/g	☼	94	70 - 155	6	30
Perfluoroundecanoic acid (PFUnA)	ND		2.42	2.46		ng/g	☼	102	70 - 155	6	30
Perfluorododecanoic acid (PFDoA)	ND		2.42	2.49		ng/g	☼	103	70 - 150	6	30
Perfluorotridecanoic acid (PFTrDA)	ND		2.42	2.52		ng/g	☼	104	65 - 150	4	30
Perfluorotetradecanoic acid (PFTeDA)	ND		2.42	2.37		ng/g	☼	98	65 - 150	10	30
Perfluorobutanesulfonic acid (PFBS)	ND		2.15	2.03		ng/g	☼	94	65 - 145	1	30
Perfluoropentanesulfonic acid (PFPeS)	ND		2.28	2.13		ng/g	☼	94	55 - 160	4	30
Perfluorohexanesulfonic acid (PFHxS)	ND		2.21	2.07		ng/g	☼	94	60 - 150	4	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.31	2.25		ng/g	☼	98	65 - 155	7	30
Perfluorooctanesulfonic acid (PFOS)	0.35		2.25	2.37		ng/g	☼	90	65 - 160	9	30
Perfluorononanesulfonic acid (PFNS)	ND		2.33	2.05		ng/g	☼	88	55 - 140	3	30
Perfluorododecanesulfonic acid (PFDoS)	ND		2.35	1.30		ng/g	☼	55	25 - 160	3	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		4.54	4.36		ng/g	☼	96	60 - 150	1	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		4.61	4.29		ng/g	☼	93	55 - 200	1	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		4.65	4.12		ng/g	☼	89	70 - 150	14	30
Perfluorooctanesulfonamide (PFOSA)	ND		2.42	2.41		ng/g	☼	100	70 - 140	6	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		2.42	2.51		ng/g	☼	104	70 - 155	4	30

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202505-19 MSD
Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 781416
Prep Batch: 780529

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		2.42	2.50		ng/g	☼	103	70 - 140	15	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.42	2.46		ng/g	☼	102	65 - 155	5	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.42	2.42		ng/g	☼	100	65 - 165	7	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		12.1	11.5		ng/g	☼	95	70 - 140	11	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		12.1	11.9		ng/g	☼	98	70 - 135	15	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.82	2.01		ng/g	☼	111	70 - 145	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.29	2.34		ng/g	☼	102	70 - 160	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.42	2.17		ng/g	☼	89	60 - 150	2	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.42	2.42		ng/g	☼	100	30 - 140	4	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.42	2.32		ng/g	☼	96	60 - 155	8	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		2.26	1.97		ng/g	☼	87	70 - 150	4	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.29	1.55		ng/g	☼	68	45 - 160	2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.16	2.17		ng/g	☼	101	70 - 140	3	30
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		4.84	4.32		ng/g	☼	89	45 - 130	3	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		12.1	10.2		ng/g	☼	84	60 - 130	16	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND	F2	12.1	10.9	F2	ng/g	☼	90	60 - 150	33	30
Perfluorodecanesulfonic acid (PFDS)	ND		2.33	1.90		ng/g	☼	81	40 - 155	1	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4-PFBA	*95.8*		*8 - 130*
13C5-PFPeA	*101*		*35 - 130*
13C5-PFHxA	*94.0*		*40 - 130*
13C4-PFHpA	*92.7*		*40 - 130*
13C8-PFOA	*96.5*		*40 - 130*
13C9-PFNA	*88.5*		*40 - 130*
13C6-PFDA	*82.2*		*40 - 130*
13C7-PFUnA	*85.4*		*40 - 130*
13C2 PFDoA	*81.8*		*40 - 130*
13C2-PFTeDA	*70.9*		*20 - 130*
13C3-PFBS	*85.0*		*40 - 135*
13C3-PFHxS	*91.1*		*40 - 130*
13C8-PFOS	*87.1*		*40 - 130*
13C8-PFOSA	*78.7*		*40 - 130*
d3-NMeFOSAA	*70.1*		*40 - 135*

Method: 1633A - Per- and Polyfluoroalkyl Substances by LC/MS/MS, 1633A (Continued)

Lab Sample ID: 180-202505-19 MSD
Matrix: Solid
Analysis Batch: 781416

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Prep Type: Total/NA
Prep Batch: 780529

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
d5-NEtFOSAA	*82.4*		*40 - 150*
13C2 4:2 FTS	*265*	*5+	*40 - 165*
13C2 6:2 FTS	*140*		*40 - 215*
13C2 8:2 FTS	*121*		*40 - 275*
13C3-HFPO-DA	*88.6*		*40 - 130*
D7-NMeFOSE	*38.1*		*20 - 130*
D9-NEtFOSE	*28.0*		*15 - 130*
d5-NEtPFOSA	*60.6*		*10 - 130*
d3-NMePFOSA	*63.5*		*10 - 130*

Method: EPA 6010D - Metals (ICP)

Lab Sample ID: MB 410-778997/1-A
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 778997

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		30	9.0	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Antimony	ND		5.0	1.7	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Arsenic	ND		5.0	1.4	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Barium	ND		0.50	0.15	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Beryllium	ND		0.50	0.10	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Cadmium	ND		0.50	0.10	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Calcium	ND		50	21	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Chromium	ND		1.5	0.60	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Cobalt	ND		0.50	0.15	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Copper	ND		2.0	0.77	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Iron	ND		20	8.0	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Lead	ND		1.5	0.60	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Magnesium	ND		20	4.0	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Manganese	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Nickel	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Potassium	ND		100	35	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Selenium	ND		5.0	1.5	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Silver	ND		1.0	0.40	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Sodium	ND		100	40	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Thallium	ND		3.0	1.3	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Vanadium	ND		1.0	0.43	mg/Kg		03/07/26 07:30	03/10/26 13:39	1
Zinc	ND		2.0	0.80	mg/Kg		03/07/26 07:30	03/10/26 13:39	1

Lab Sample ID: LCS 410-778997/2-A
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778997

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	496		mg/Kg		99	88 - 110
Antimony	10.0	9.70		mg/Kg		97	80 - 120
Arsenic	50.0	48.9		mg/Kg		98	87 - 113
Barium	50.0	50.0		mg/Kg		100	90 - 111

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 410-778997/2-A
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 778997

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	5.00	5.23		mg/Kg		105	90 - 113
Cadmium	5.00	5.09		mg/Kg		102	90 - 110
Calcium	500	522		mg/Kg		104	90 - 111
Chromium	50.0	50.0		mg/Kg		100	90 - 113
Cobalt	50.0	50.5		mg/Kg		101	90 - 110
Copper	50.0	49.7		mg/Kg		99	90 - 110
Iron	500	498		mg/Kg		100	89 - 111
Lead	5.00	5.13		mg/Kg		103	85 - 117
Magnesium	500	484		mg/Kg		97	89 - 111
Manganese	50.0	50.5		mg/Kg		101	90 - 111
Nickel	50.0	50.7		mg/Kg		101	90 - 111
Potassium	500	496		mg/Kg		99	88 - 113
Selenium	10.0	9.83		mg/Kg		98	80 - 119
Silver	5.00	4.58		mg/Kg		92	85 - 112
Sodium	500	507		mg/Kg		101	88 - 114
Thallium	10.0	10.2		mg/Kg		102	80 - 120
Vanadium	50.0	50.3		mg/Kg		101	90 - 111
Zinc	50.0	49.9		mg/Kg		100	90 - 110

Lab Sample ID: 180-202505-19 MS
Matrix: Solid
Analysis Batch: 780728

Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Prep Type: Total/NA
Prep Batch: 778997

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	11000		565	15100	4	mg/Kg	☼	790	75 - 125
Antimony	ND	F1 F2	11.3	5.25	J F1	mg/Kg	☼	46	75 - 125
Arsenic	7.0		56.5	57.6		mg/Kg	☼	89	75 - 125
Barium	69	F1	56.5	128		mg/Kg	☼	106	75 - 125
Beryllium	0.49	J	5.65	5.90		mg/Kg	☼	96	75 - 125
Cadmium	ND		5.65	5.21		mg/Kg	☼	92	75 - 125
Calcium	26000		565	25000	4	mg/Kg	☼	-184	75 - 125
Chromium	15		56.5	68.8		mg/Kg	☼	96	75 - 125
Cobalt	7.8		56.5	59.8		mg/Kg	☼	92	75 - 125
Copper	23		56.5	72.7		mg/Kg	☼	88	75 - 125
Iron	21000		565	21800	4	mg/Kg	☼	157	75 - 125
Lead	15	F1	5.65	20.2		mg/Kg	☼	87	75 - 125
Magnesium	5800		565	7710	4	mg/Kg	☼	342	75 - 125
Manganese	410		56.5	431	4	mg/Kg	☼	32	75 - 125
Nickel	19		56.5	71.4		mg/Kg	☼	93	75 - 125
Potassium	1400	F1	565	3120	F1	mg/Kg	☼	300	75 - 125
Selenium	ND		11.3	10.1		mg/Kg	☼	90	75 - 125
Silver	ND		5.65	4.76		mg/Kg	☼	84	75 - 125
Sodium	68	J	565	646		mg/Kg	☼	102	75 - 125
Thallium	ND		11.3	8.98		mg/Kg	☼	79	75 - 125
Vanadium	16		56.5	73.2		mg/Kg	☼	100	75 - 125
Zinc	69		56.5	121		mg/Kg	☼	92	75 - 125

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-202505-19 MSD
Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 780728
Prep Batch: 778997

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	11000		576	15500	4	mg/Kg	☼	832	75 - 125	2	20
Antimony	ND	F1 F2	11.5	6.51	F1 F2	mg/Kg	☼	56	75 - 125	21	20
Arsenic	7.0		57.6	61.3		mg/Kg	☼	94	75 - 125	6	20
Barium	69	F1	57.6	150	F1	mg/Kg	☼	142	75 - 125	16	20
Beryllium	0.49	J	5.76	6.45		mg/Kg	☼	103	75 - 125	9	20
Cadmium	ND		5.76	5.47		mg/Kg	☼	95	75 - 125	5	20
Calcium	26000		576	21600	4	mg/Kg	☼	-762	75 - 125	14	20
Chromium	15		57.6	73.2		mg/Kg	☼	102	75 - 125	6	20
Cobalt	7.8		57.6	62.7		mg/Kg	☼	95	75 - 125	5	20
Copper	23		57.6	76.0		mg/Kg	☼	92	75 - 125	4	20
Iron	21000		576	22600	4	mg/Kg	☼	285	75 - 125	3	20
Lead	15	F1	5.76	18.5	F1	mg/Kg	☼	55	75 - 125	9	20
Magnesium	5800		576	6890	4	mg/Kg	☼	194	75 - 125	11	20
Manganese	410		57.6	416	4	mg/Kg	☼	6	75 - 125	3	20
Nickel	19		57.6	74.6		mg/Kg	☼	97	75 - 125	4	20
Potassium	1400	F1	576	3020	F1	mg/Kg	☼	277	75 - 125	3	20
Selenium	ND		11.5	10.6		mg/Kg	☼	92	75 - 125	5	20
Silver	ND		5.76	5.25		mg/Kg	☼	91	75 - 125	10	20
Sodium	68	J	576	658		mg/Kg	☼	102	75 - 125	2	20
Thallium	ND		11.5	10.0		mg/Kg	☼	87	75 - 125	11	20
Vanadium	16		57.6	79.3		mg/Kg	☼	109	75 - 125	8	20
Zinc	69		57.6	122		mg/Kg	☼	92	75 - 125	1	20

Lab Sample ID: 180-202505-19 DU
Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 780728
Prep Batch: 778997

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	11000		10300		mg/Kg	☼	4	20
Antimony	ND	F1 F2	ND		mg/Kg	☼	NC	20
Arsenic	7.0		6.09		mg/Kg	☼	15	20
Barium	69	F1	65.1		mg/Kg	☼	5	20
Beryllium	0.49	J	0.463	J	mg/Kg	☼	6	20
Cadmium	ND		ND		mg/Kg	☼	NC	20
Calcium	26000		19100	F3	mg/Kg	☼	31	20
Chromium	15		13.7		mg/Kg	☼	6	20
Cobalt	7.8		7.45		mg/Kg	☼	5	20
Copper	23		21.2		mg/Kg	☼	8	20
Iron	21000		19800		mg/Kg	☼	5	20
Lead	15	F1	14.3		mg/Kg	☼	7	20
Magnesium	5800		5650		mg/Kg	☼	2	20
Manganese	410		368		mg/Kg	☼	11	20
Nickel	19		18.1		mg/Kg	☼	3	20
Potassium	1400	F1	1300		mg/Kg	☼	10	20
Selenium	ND		ND		mg/Kg	☼	NC	20
Silver	ND		ND		mg/Kg	☼	NC	20
Sodium	68	J	60.9	J	mg/Kg	☼	12	20
Thallium	ND		ND		mg/Kg	☼	NC	20
Vanadium	16		15.3		mg/Kg	☼	7	20

Method: EPA 6010D - Metals (ICP) (Continued)

Lab Sample ID: 180-202505-19 DU — **Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780728 — **Prep Batch: 778997**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Zinc	69		74.0		mg/Kg	☼	7	20

Method: EPA 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-779061/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780087 — **Prep Batch: 779061**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.060	0.020	mg/Kg		03/09/26 10:45	03/09/26 19:07	1

Lab Sample ID: LCS 410-779061/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780087 — **Prep Batch: 779061**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.172		mg/Kg		103	80 - 120

Lab Sample ID: 180-202505-19 MS — **Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780087 — **Prep Batch: 779061**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.045	J	0.189	0.221		mg/Kg	☼	93	80 - 120

Lab Sample ID: 180-202505-19 MSD — **Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780087 — **Prep Batch: 779061**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.045	J	0.189	0.249		mg/Kg	☼	108	80 - 120	12	20

Lab Sample ID: 180-202505-19 DU — **Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 780087 — **Prep Batch: 779061**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.045	J	0.0392	J	mg/Kg	☼	13	20

Method: Moisture - Percent Moisture

Lab Sample ID: 180-202505-4 DU — **Client Sample ID: SSHS-IRM5A2-SCV125-0-0.17**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 511002

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	12.9		12.7		%		2	10
Percent Solids	87.1		87.3		%		0.2	10

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 180-202505-19 DU
Client Sample ID: SSHS-IRM5A2-SCV129-0.17-1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511003

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	13.2			13.5		%				2	10
Percent Solids	86.8			86.5		%				0.3	10

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 180-202505-1
Project/Site: Former Sperry Remington - NAF SCV

GC/MS VOA

Prep Batch: 782869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-6	SSHS-IRM5A2-SCV125-0.5-1	Total/NA	Solid	5035	
180-202505-9	SSHS-IRM5A2-SCV126-0.5-1	Total/NA	Solid	5035	
180-202505-16	SSHS-IRM5A2-SCV128-0.5-1	Total/NA	Solid	5035	
180-202505-17 - RA	SSHS-IRM5A2-SCV-DUP-14	Total/NA	Solid	5035	
180-202505-17	SSHS-IRM5A2-SCV-DUP-14	Total/NA	Solid	5035	

Prep Batch: 783020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-3	SSHS-IRM5A2-SCV124-0.5-1	Total/NA	Solid	5035	
180-202505-6	SSHS-IRM5A2-SCV125-0.5-1	Total/NA	Solid	5035	
180-202505-9	SSHS-IRM5A2-SCV126-0.5-1	Total/NA	Solid	5035	
180-202505-12	SSHS-IRM5A2-SCV127-0.5-1	Total/NA	Solid	5035	
180-202505-16	SSHS-IRM5A2-SCV128-0.5-1	Total/NA	Solid	5035	
180-202505-17	SSHS-IRM5A2-SCV-DUP-14	Total/NA	Solid	5035	
180-202505-20	SSHS-IRM5A2-SCV129-0.5-1	Total/NA	Solid	5035	

Analysis Batch: 783208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-3	SSHS-IRM5A2-SCV124-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202505-6	SSHS-IRM5A2-SCV125-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202505-9	SSHS-IRM5A2-SCV126-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202505-12	SSHS-IRM5A2-SCV127-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202505-16	SSHS-IRM5A2-SCV128-0.5-1	Total/NA	Solid	EPA 8260D	783020
180-202505-17	SSHS-IRM5A2-SCV-DUP-14	Total/NA	Solid	EPA 8260D	783020
180-202505-20	SSHS-IRM5A2-SCV129-0.5-1	Total/NA	Solid	EPA 8260D	783020
MB 410-783208/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-783208/4	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-783208/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

Analysis Batch: 783714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-6	SSHS-IRM5A2-SCV125-0.5-1	Total/NA	Solid	EPA 8260D	782869
180-202505-9	SSHS-IRM5A2-SCV126-0.5-1	Total/NA	Solid	EPA 8260D	782869
180-202505-16	SSHS-IRM5A2-SCV128-0.5-1	Total/NA	Solid	EPA 8260D	782869
180-202505-17	SSHS-IRM5A2-SCV-DUP-14	Total/NA	Solid	EPA 8260D	782869
MB 410-783714/5	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-783714/7	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-783714/8	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

Analysis Batch: 784695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-17 - RA	SSHS-IRM5A2-SCV-DUP-14	Total/NA	Solid	EPA 8260D	782869
MB 410-784695/7	Method Blank	Total/NA	Solid	EPA 8260D	
LCS 410-784695/4	Lab Control Sample	Total/NA	Solid	EPA 8260D	
LCSD 410-784695/5	Lab Control Sample Dup	Total/NA	Solid	EPA 8260D	

GC/MS Semi VOA

Prep Batch: 510879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-1	SSHS-IRM5A2-SCV124-0-0.17	Total/NA	Solid	3541	

GC/MS Semi VOA (Continued)

Prep Batch: 510879 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-2	SSHS-IRM5A2-SCV124-0.17-1	Total/NA	Solid	3541	
180-202505-4	SSHS-IRM5A2-SCV125-0-0.17	Total/NA	Solid	3541	
180-202505-5	SSHS-IRM5A2-SCV125-0.17-1	Total/NA	Solid	3541	
180-202505-7	SSHS-IRM5A2-SCV126-0-0.17	Total/NA	Solid	3541	
180-202505-8	SSHS-IRM5A2-SCV126-0.17-1	Total/NA	Solid	3541	
180-202505-10	SSHS-IRM5A2-SCV127-0-0.17	Total/NA	Solid	3541	
180-202505-11	SSHS-IRM5A2-SCV127-0.17-1	Total/NA	Solid	3541	
180-202505-13	SSHS-IRM5A2-SCV128-0-0.17	Total/NA	Solid	3541	
180-202505-14	SSHS-IRM5A2-SCV128-0.17-1	Total/NA	Solid	3541	
180-202505-15	SSHS-IRM5A2-SCV-DUP-05	Total/NA	Solid	3541	
180-202505-18	SSHS-IRM5A2-SCV129-0-0.17	Total/NA	Solid	3541	
180-202505-19	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	3541	
MB 180-510879/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510879/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202505-19 MS	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	3541	
180-202505-19 MSD	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	3541	

Analysis Batch: 510978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-1	SSHS-IRM5A2-SCV124-0-0.17	Total/NA	Solid	EPA 8270E	510879
180-202505-2	SSHS-IRM5A2-SCV124-0.17-1	Total/NA	Solid	EPA 8270E	510879
180-202505-4	SSHS-IRM5A2-SCV125-0-0.17	Total/NA	Solid	EPA 8270E	510879
180-202505-5	SSHS-IRM5A2-SCV125-0.17-1	Total/NA	Solid	EPA 8270E	510879
180-202505-7	SSHS-IRM5A2-SCV126-0-0.17	Total/NA	Solid	EPA 8270E	510879
180-202505-8	SSHS-IRM5A2-SCV126-0.17-1	Total/NA	Solid	EPA 8270E	510879
180-202505-10	SSHS-IRM5A2-SCV127-0-0.17	Total/NA	Solid	EPA 8270E	510879
180-202505-11	SSHS-IRM5A2-SCV127-0.17-1	Total/NA	Solid	EPA 8270E	510879
180-202505-13	SSHS-IRM5A2-SCV128-0-0.17	Total/NA	Solid	EPA 8270E	510879
180-202505-14	SSHS-IRM5A2-SCV128-0.17-1	Total/NA	Solid	EPA 8270E	510879
180-202505-15	SSHS-IRM5A2-SCV-DUP-05	Total/NA	Solid	EPA 8270E	510879
180-202505-18	SSHS-IRM5A2-SCV129-0-0.17	Total/NA	Solid	EPA 8270E	510879
180-202505-19	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 8270E	510879
MB 180-510879/1-A	Method Blank	Total/NA	Solid	EPA 8270E	510879
LCS 180-510879/2-A	Lab Control Sample	Total/NA	Solid	EPA 8270E	510879
180-202505-19 MS	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 8270E	510879
180-202505-19 MSD	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 8270E	510879

GC Semi VOA

Prep Batch: 510880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-1	SSHS-IRM5A2-SCV124-0-0.17	Total/NA	Solid	3541	
180-202505-2	SSHS-IRM5A2-SCV124-0.17-1	Total/NA	Solid	3541	
180-202505-4	SSHS-IRM5A2-SCV125-0-0.17	Total/NA	Solid	3541	
180-202505-5	SSHS-IRM5A2-SCV125-0.17-1	Total/NA	Solid	3541	
180-202505-7	SSHS-IRM5A2-SCV126-0-0.17	Total/NA	Solid	3541	
180-202505-8	SSHS-IRM5A2-SCV126-0.17-1	Total/NA	Solid	3541	
180-202505-10	SSHS-IRM5A2-SCV127-0-0.17	Total/NA	Solid	3541	
180-202505-11	SSHS-IRM5A2-SCV127-0.17-1	Total/NA	Solid	3541	
180-202505-13	SSHS-IRM5A2-SCV128-0-0.17	Total/NA	Solid	3541	
180-202505-14	SSHS-IRM5A2-SCV128-0.17-1	Total/NA	Solid	3541	

GC Semi VOA (Continued)

Prep Batch: 510880 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-15	SSHS-IRM5A2-SCV-DUP-05	Total/NA	Solid	3541	
180-202505-18	SSHS-IRM5A2-SCV129-0-0.17	Total/NA	Solid	3541	
180-202505-19	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	3541	
MB 180-510880/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-510880/2-A	Lab Control Sample	Total/NA	Solid	3541	
180-202505-19 MS	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	3541	
180-202505-19 MSD	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	3541	

Analysis Batch: 510964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-1	SSHS-IRM5A2-SCV124-0-0.17	Total/NA	Solid	EPA 8082A	510880
180-202505-2	SSHS-IRM5A2-SCV124-0.17-1	Total/NA	Solid	EPA 8082A	510880
180-202505-4	SSHS-IRM5A2-SCV125-0-0.17	Total/NA	Solid	EPA 8082A	510880
180-202505-5	SSHS-IRM5A2-SCV125-0.17-1	Total/NA	Solid	EPA 8082A	510880
180-202505-7	SSHS-IRM5A2-SCV126-0-0.17	Total/NA	Solid	EPA 8082A	510880
180-202505-8	SSHS-IRM5A2-SCV126-0.17-1	Total/NA	Solid	EPA 8082A	510880
180-202505-10	SSHS-IRM5A2-SCV127-0-0.17	Total/NA	Solid	EPA 8082A	510880
180-202505-11	SSHS-IRM5A2-SCV127-0.17-1	Total/NA	Solid	EPA 8082A	510880
180-202505-13	SSHS-IRM5A2-SCV128-0-0.17	Total/NA	Solid	EPA 8082A	510880
180-202505-14	SSHS-IRM5A2-SCV128-0.17-1	Total/NA	Solid	EPA 8082A	510880
180-202505-15	SSHS-IRM5A2-SCV-DUP-05	Total/NA	Solid	EPA 8082A	510880
180-202505-18	SSHS-IRM5A2-SCV129-0-0.17	Total/NA	Solid	EPA 8082A	510880
180-202505-19	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 8082A	510880
MB 180-510880/1-A	Method Blank	Total/NA	Solid	EPA 8082A	510880
LCS 180-510880/2-A	Lab Control Sample	Total/NA	Solid	EPA 8082A	510880
180-202505-19 MS	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 8082A	510880
180-202505-19 MSD	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 8082A	510880

LCMS

Prep Batch: 780529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-2	SSHS-IRM5A2-SCV124-0.17-1	Total/NA	Solid	1633A	
180-202505-4	SSHS-IRM5A2-SCV125-0-0.17	Total/NA	Solid	1633A	
180-202505-18	SSHS-IRM5A2-SCV129-0-0.17	Total/NA	Solid	1633A	
180-202505-19	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	1633A	
MB 410-780529/1-A	Method Blank	Total/NA	Solid	1633A	
LCS 410-780529/2-A	Lab Control Sample	Total/NA	Solid	1633A	
LLCS 410-780529/3-A	Lab Control Sample	Total/NA	Solid	1633A	
180-202505-19 MS	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	1633A	
180-202505-19 MSD	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	1633A	

Analysis Batch: 781416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-2	SSHS-IRM5A2-SCV124-0.17-1	Total/NA	Solid	1633A	780529
180-202505-4	SSHS-IRM5A2-SCV125-0-0.17	Total/NA	Solid	1633A	780529
180-202505-18	SSHS-IRM5A2-SCV129-0-0.17	Total/NA	Solid	1633A	780529
180-202505-19	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	1633A	780529
MB 410-780529/1-A	Method Blank	Total/NA	Solid	1633A	780529
LLCS 410-780529/3-A	Lab Control Sample	Total/NA	Solid	1633A	780529
180-202505-19 MS	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	1633A	780529

LCMS (Continued)

Analysis Batch: 781416 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-19 MSD	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	1633A	780529

Analysis Batch: 781699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-780529/2-A	Lab Control Sample	Total/NA	Solid	1633A	780529

Metals

Prep Batch: 778997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-1	SSHS-IRM5A2-SCV124-0-0.17	Total/NA	Solid	3050B	
180-202505-2	SSHS-IRM5A2-SCV124-0.17-1	Total/NA	Solid	3050B	
180-202505-4	SSHS-IRM5A2-SCV125-0-0.17	Total/NA	Solid	3050B	
180-202505-5	SSHS-IRM5A2-SCV125-0.17-1	Total/NA	Solid	3050B	
180-202505-7	SSHS-IRM5A2-SCV126-0-0.17	Total/NA	Solid	3050B	
180-202505-8	SSHS-IRM5A2-SCV126-0.17-1	Total/NA	Solid	3050B	
180-202505-10	SSHS-IRM5A2-SCV127-0-0.17	Total/NA	Solid	3050B	
180-202505-11	SSHS-IRM5A2-SCV127-0.17-1	Total/NA	Solid	3050B	
180-202505-13	SSHS-IRM5A2-SCV128-0-0.17	Total/NA	Solid	3050B	
180-202505-14	SSHS-IRM5A2-SCV128-0.17-1	Total/NA	Solid	3050B	
180-202505-15	SSHS-IRM5A2-SCV-DUP-05	Total/NA	Solid	3050B	
180-202505-18	SSHS-IRM5A2-SCV129-0-0.17	Total/NA	Solid	3050B	
180-202505-19	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	3050B	
MB 410-778997/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-778997/2-A	Lab Control Sample	Total/NA	Solid	3050B	
180-202505-19 MS	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	3050B	
180-202505-19 MSD	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	3050B	
180-202505-19 DU	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	3050B	

Prep Batch: 779061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-1	SSHS-IRM5A2-SCV124-0-0.17	Total/NA	Solid	7471B	
180-202505-2	SSHS-IRM5A2-SCV124-0.17-1	Total/NA	Solid	7471B	
180-202505-4	SSHS-IRM5A2-SCV125-0-0.17	Total/NA	Solid	7471B	
180-202505-5	SSHS-IRM5A2-SCV125-0.17-1	Total/NA	Solid	7471B	
180-202505-7	SSHS-IRM5A2-SCV126-0-0.17	Total/NA	Solid	7471B	
180-202505-8	SSHS-IRM5A2-SCV126-0.17-1	Total/NA	Solid	7471B	
180-202505-10	SSHS-IRM5A2-SCV127-0-0.17	Total/NA	Solid	7471B	
180-202505-11	SSHS-IRM5A2-SCV127-0.17-1	Total/NA	Solid	7471B	
180-202505-13	SSHS-IRM5A2-SCV128-0-0.17	Total/NA	Solid	7471B	
180-202505-14	SSHS-IRM5A2-SCV128-0.17-1	Total/NA	Solid	7471B	
180-202505-15	SSHS-IRM5A2-SCV-DUP-05	Total/NA	Solid	7471B	
180-202505-18	SSHS-IRM5A2-SCV129-0-0.17	Total/NA	Solid	7471B	
180-202505-19	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	7471B	
MB 410-779061/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-779061/2-A	Lab Control Sample	Total/NA	Solid	7471B	
180-202505-19 MS	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	7471B	
180-202505-19 MSD	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	7471B	
180-202505-19 DU	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	7471B	

Metals

Analysis Batch: 780087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-1	SSHS-IRM5A2-SCV124-0-0.17	Total/NA	Solid	EPA 7471B	779061
180-202505-2	SSHS-IRM5A2-SCV124-0.17-1	Total/NA	Solid	EPA 7471B	779061
180-202505-4	SSHS-IRM5A2-SCV125-0-0.17	Total/NA	Solid	EPA 7471B	779061
180-202505-5	SSHS-IRM5A2-SCV125-0.17-1	Total/NA	Solid	EPA 7471B	779061
180-202505-7	SSHS-IRM5A2-SCV126-0-0.17	Total/NA	Solid	EPA 7471B	779061
180-202505-8	SSHS-IRM5A2-SCV126-0.17-1	Total/NA	Solid	EPA 7471B	779061
180-202505-10	SSHS-IRM5A2-SCV127-0-0.17	Total/NA	Solid	EPA 7471B	779061
180-202505-11	SSHS-IRM5A2-SCV127-0.17-1	Total/NA	Solid	EPA 7471B	779061
180-202505-13	SSHS-IRM5A2-SCV128-0-0.17	Total/NA	Solid	EPA 7471B	779061
180-202505-14	SSHS-IRM5A2-SCV128-0.17-1	Total/NA	Solid	EPA 7471B	779061
180-202505-15	SSHS-IRM5A2-SCV-DUP-05	Total/NA	Solid	EPA 7471B	779061
180-202505-18	SSHS-IRM5A2-SCV129-0-0.17	Total/NA	Solid	EPA 7471B	779061
180-202505-19	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 7471B	779061
MB 410-779061/1-A	Method Blank	Total/NA	Solid	EPA 7471B	779061
LCS 410-779061/2-A	Lab Control Sample	Total/NA	Solid	EPA 7471B	779061
180-202505-19 MS	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 7471B	779061
180-202505-19 MSD	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 7471B	779061
180-202505-19 DU	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 7471B	779061

Analysis Batch: 780728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-1	SSHS-IRM5A2-SCV124-0-0.17	Total/NA	Solid	EPA 6010D	778997
180-202505-2	SSHS-IRM5A2-SCV124-0.17-1	Total/NA	Solid	EPA 6010D	778997
180-202505-4	SSHS-IRM5A2-SCV125-0-0.17	Total/NA	Solid	EPA 6010D	778997
180-202505-5	SSHS-IRM5A2-SCV125-0.17-1	Total/NA	Solid	EPA 6010D	778997
180-202505-7	SSHS-IRM5A2-SCV126-0-0.17	Total/NA	Solid	EPA 6010D	778997
180-202505-8	SSHS-IRM5A2-SCV126-0.17-1	Total/NA	Solid	EPA 6010D	778997
180-202505-10	SSHS-IRM5A2-SCV127-0-0.17	Total/NA	Solid	EPA 6010D	778997
180-202505-11	SSHS-IRM5A2-SCV127-0.17-1	Total/NA	Solid	EPA 6010D	778997
180-202505-13	SSHS-IRM5A2-SCV128-0-0.17	Total/NA	Solid	EPA 6010D	778997
180-202505-14	SSHS-IRM5A2-SCV128-0.17-1	Total/NA	Solid	EPA 6010D	778997
180-202505-15	SSHS-IRM5A2-SCV-DUP-05	Total/NA	Solid	EPA 6010D	778997
180-202505-18	SSHS-IRM5A2-SCV129-0-0.17	Total/NA	Solid	EPA 6010D	778997
180-202505-19	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 6010D	778997
MB 410-778997/1-A	Method Blank	Total/NA	Solid	EPA 6010D	778997
LCS 410-778997/2-A	Lab Control Sample	Total/NA	Solid	EPA 6010D	778997
180-202505-19 MS	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 6010D	778997
180-202505-19 MSD	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 6010D	778997
180-202505-19 DU	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	EPA 6010D	778997

General Chemistry

Analysis Batch: 511002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-1	SSHS-IRM5A2-SCV124-0-0.17	Total/NA	Solid	Moisture	
180-202505-2	SSHS-IRM5A2-SCV124-0.17-1	Total/NA	Solid	Moisture	
180-202505-4	SSHS-IRM5A2-SCV125-0-0.17	Total/NA	Solid	Moisture	
180-202505-5	SSHS-IRM5A2-SCV125-0.17-1	Total/NA	Solid	Moisture	
180-202505-7	SSHS-IRM5A2-SCV126-0-0.17	Total/NA	Solid	Moisture	
180-202505-8	SSHS-IRM5A2-SCV126-0.17-1	Total/NA	Solid	Moisture	
180-202505-10	SSHS-IRM5A2-SCV127-0-0.17	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 511002 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-11	SSHS-IRM5A2-SCV127-0.17-1	Total/NA	Solid	Moisture	
180-202505-13	SSHS-IRM5A2-SCV128-0-0.17	Total/NA	Solid	Moisture	
180-202505-14	SSHS-IRM5A2-SCV128-0.17-1	Total/NA	Solid	Moisture	
180-202505-15	SSHS-IRM5A2-SCV-DUP-05	Total/NA	Solid	Moisture	
180-202505-18	SSHS-IRM5A2-SCV129-0-0.17	Total/NA	Solid	Moisture	
180-202505-4 DU	SSHS-IRM5A2-SCV125-0-0.17	Total/NA	Solid	Moisture	

Analysis Batch: 511003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-19	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	Moisture	
180-202505-19 DU	SSHS-IRM5A2-SCV129-0.17-1	Total/NA	Solid	Moisture	

Analysis Batch: 778775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-202505-3	SSHS-IRM5A2-SCV124-0.5-1	Total/NA	Solid	Moisture	
180-202505-6	SSHS-IRM5A2-SCV125-0.5-1	Total/NA	Solid	Moisture	
180-202505-9	SSHS-IRM5A2-SCV126-0.5-1	Total/NA	Solid	Moisture	
180-202505-12	SSHS-IRM5A2-SCV127-0.5-1	Total/NA	Solid	Moisture	
180-202505-16	SSHS-IRM5A2-SCV128-0.5-1	Total/NA	Solid	Moisture	
180-202505-17	SSHS-IRM5A2-SCV-DUP-14	Total/NA	Solid	Moisture	
180-202505-20	SSHS-IRM5A2-SCV129-0.5-1	Total/NA	Solid	Moisture	

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC1

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 1 of 2
Company: Geosyntec Consultants, Inc.				Job #:

Address: Geosyntec Consultants, Inc.	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Minneapolis	TAT Requested (days): Standard		A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)
State, Zip: MN, 55401			
Phone: 920-676-4194	PO #: 26008081-17847		Other:
Email:	WO #:		
Project Name: Former Sperry Remington	Project #: 18013464		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N								
SSHS-IRM5A2-SCV124-0-0.17	3/3/26	0810	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV124-0 17-1	3/3/26	0815	C	S	N	N		X	X	X	X							3	
SSHS-IRM5A2-SCV124-0.5-1	3/3/26	0815	C	S	N	N	X											4	
SSHS-IRM5A2-SCV125-0-0.17	3/3/26	0820	C	S	N	N		X	X	X	X							3	
SSHS-IRM5A2-SCV125-0.17-1	3/3/26	0825	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV125-0.5-1	3/3/26	0825	C	S	N	N	X											4	
SSHS-IRM5A2-SCV126-0-0.17	3/3/26	0835	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV126-0.17-1	3/3/26	0840	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV126-0.5-1	3/3/26	0840	C	S	N	N	X											4	
SSHS-IRM5A2-SCV127-0-0.17	3/3/26	0845	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV127-0.17-1	3/3/26	0850	C	S	N	N		X	X	X								2	
SSHS-IRM5A2-SCV127-0.5-1	3/3/26	0850	C	S	N	N	X											4	

180-202505 Chain of Custody

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 3-3-26 1545	Company: Geosyntec	Received by:	Date/Time: 3/5/26 0930	Company: EATON
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks:

Ver: 01/16/2019

3/20/2026

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Chain of Custody Record

NAF SCV - COC1

Client Information	Sampler: M O'Neill and M Pearson	Lab PM: Lage, Gail	Carrier Tracking No(s):	COC No: 180-45857-9656.1
Client Contact: Miranda Stelmach	708-248-3888	E-Mail:		Page: Page 2 of 2
Company: Geosyntec Consultants, Inc.				Job #:
Address: Geosyntec Consultants, Inc.	Due Date Requested:			
City: Minneapolis	TAT Requested (days): Standard			
State, Zip: MN, 55401				
Phone: 920-676-4194	PO #: 26008081-17847			
Email	WO #:			
Project Name: Former Sperry Remington	Project #: 18013464			
Site	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - SOM01.2 TCL Volatiles	8270E - SOM01.2 TCL Semivolatiles & 1,4-Dioxane	8082A - SOM01.2 TCL PCBs	6010D/7471B - Metals and Hg	1633- PFAS								Total Number of containers	Special Instructions/Note:
			Preservation Code				N	N	N	N	N									
SSHS-IRM5A2-SCV128-0-0.17	3/3/26	0855	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV128-0.17-1	3/3/26	0900	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV-DUP-05	3/3/26	--	C	S	N	N		X	X	X									2	
SSHS-IRM5A2-SCV128-0.5-1	3/3/26	0900	C	S	N	N	X												4	
SSHS-IRM5A2-SCV-DUP-14	3/3/26	--	C	S	N	N	X												4	
SSHS-IRM5A2-SCV129-0-0.17	3/3/26	0945	C	S	N	N		X	X	X	X								3	
SSHS-IRM5A2-SCV129-0.17-1	3/3/26	0950	C	S	N	Y		X	X	X	X								5	ms/msd only for PCBs, metals and SVOCs No ms/msd for PFAS
SSHS-IRM5A2-SCV129-0.5-1	3/3/26	0950	C	S	N	N	X												4	

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time:	Company
[signature]	3-3-26 1545	Geosyntec	[signature]	3/5/26 0930	EPLNE
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks

Ver: 01/16/2019

3/20/2026

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO **EUROFINS - PITTSBURGH**
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV: 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx Express

FedEx
MPS# 0263 8892 0814 0444

WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PT

Uncorrected temp 4.1 °C
Thermometer ID 29
CF +0.1 Initials JC

PT-WI-SR-001 effective 11/8/18

EXP 11/26

#5201616-03/03 58KJ2/D126/484B

180-202505 Waybill

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO **EUROFINS - PITTSBURGH**
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF: 26008081
INV 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

Uncorrected temp 5.1 °C
Thermometer ID 29
CF +0.1 Initials JC

PT-WI-SR-001 effective 11/8/18

FedEx Express

FedEx
MPS# 0263 8892 0814 0433

10:30A
WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PT

EXP 11/26

#5201616 03/03 58KJ2/D126/484B

ORIGIN ID:ELMA (240) 938-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 252144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058 REF 26008081
INV 1751
PO: 001 DEPT: 003

58KJ2/D126/484B

FedEx
MPS# 8892 0814 0466
WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PIT

FedEx
MPS# 0263 8892 0814 0455
WED – 04 MAR AA
PRIORITY OVERNIGHT

NP AGCA

15238
PA – US PIT

Uncorrected temp 5.1 °C
Thermometer ID 129
CF +0.1 Initials JC

PT-WI-SR-001 effective 11/8/18

#5201616 03/03 58KJ2/D126/484B

Uncorrected temp 3.8 °C
Thermometer ID 29
CF +0.6 Initials JC

PT-WI-SR-001 effective 11/8/18

#5201616 03/03 58KJ2/D126/484B

THU 03/05 07:10 414963
ENVIRONMENT TESTING
15238-2907-01
NIGHT

ORIGIN ID:ELMA (240) 936-7056
CONSTRUCTION ENTRANCE - GEOSYNTEC
GEOSYNTEC CONSULTANTS
765 SOUTH MAIN STREET
4TH FLOOR
ELMIRA, NY 14904
UNITED STATES US

SHIP DATE: 03MAR26
ACTWGT: 50.00 LB
CAD: 144956/INET4535
DIMS: 30x18x12 IN

BILL SENDER

TO EUROFINS - PITTSBURGH
EUROFINS ENVIRONMENT TESTING
301 ALPHA DRIVE

PITTSBURGH PA 15238
(412) 963-7058
INV: 1751
PO: 001

REF: 26000.38

DEPT: 003

58KJ2/D126/484B

FedEx
TRK# 0201 8892 0814 0422

WED - 04 MAR
PRIORITY OVERNIGHT

15238
PA - US
PIT

NP AGCA

Uncorrected temp ___ °C
Thermometer ID ___
CF ___ Initials ___

PT-WI-SR-001 effective 11/8/18

05201616 03/03 58KJ2/D126/484B

05 07.08 414963
ONMENT TESTING E
15238-2907-01
OVERNIGHT
578
SP:PD:100:Y

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553809.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202505-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/18/2026			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SSHS-IRM5A2-SCV124-0-0.17 (180-202505-1)	3/3/26	08:10 Eastern	G	Solid			X	X					1	Tornado Temps
SSHS-IRM5A2-SCV124-0.17-1 (180-202505-2)	3/3/26	08:15 Eastern	G	Solid			X	X	X				2	-5.0 + -4.4
SSHS-IRM5A2-SCV124-0.5-1 (180-202505-3)	3/3/26	08:15 Eastern	G	Solid						X	X	X	4	CF +0.8 (20)
SSHS-IRM5A2-SCV125-0-0.17 (180-202505-4)	3/3/26	08:20 Eastern	G	Solid			X	X	X				2	-4.2 + -3.6
SSHS-IRM5A2-SCV125-0.17-1 (180-202505-5)	3/3/26	08:25 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SCV125-0.5-1 (180-202505-6)	3/3/26	08:25 Eastern	G	Solid						X	X	X	4	
SSHS-IRM5A2-SCV126-0-0.17 (180-202505-7)	3/3/26	08:35 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SCV126-0.17-1 (180-202505-8)	3/3/26	08:40 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SCV126-0.5-1 (180-202505-9)	3/3/26	08:40 Eastern	G	Solid						X	X	X	4	

Preservation Codes: -
Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	3/5/26 14:00	EPITHF		3-5-26 14:40	ECLS
2		3-5-26 19:10	ECLS			
3					3/5/26 1910	

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☐ Yes ☐ No		-6.0 -3.9 / -5.8 -4.1

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553809.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202505-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/18/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X								
SSHS-IRM5A2-SCV127-0-0.17 (180-202505-10)	3/3/26	08:45 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SCV127-0.17-1 (180-202505-11)	3/3/26	08:50 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SCV127-0.5-1 (180-202505-12)	3/3/26	08:50 Eastern	G	Solid						X	X	X	4	
SSHS-IRM5A2-SCV128-0-0.17 (180-202505-13)	3/3/26	08:55 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SCV128-0.17-1 (180-202505-14)	3/3/26	09:00 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SCV-DUP-05 (180-202505-15)	3/3/26	Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SCV128-0.5-1 (180-202505-16)	3/3/26	09:00 Eastern	G	Solid						X	X	X	4	
SSHS-IRM5A2-SCV-DUP-14 (180-202505-17)	3/3/26	Eastern	G	Solid						X	X	X	4	
SSHS-IRM5A2-SCV129-0-0.17 (180-202505-18)	3/3/26	09:45 Eastern	G	Solid			X	X	X				2	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	3/5/26 14:00	EurofinsE		3-5-26 14:40	ECLS
2		3-5-26 19:10	ECLS			
3					3/5/26 1910	ECLS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: -6.0 -3.9/-5.8 -4.1

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lage, Gail	Carrier Tracking No(s): N/A	COC No: 180-553809.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Gail.Lage@et.eurofinsus.com	State of Origin: New York	Page: Page 3 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 180-202505-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 3/18/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Former Sperry Remington-updated	Project #: 18031151			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D/3050BTAL Metals	7471B/7471B_PrepMercury	1633A/1633A_ShakeList of 40 based on EPA method	8260D/5035FW_Calc(MOD) SOM01.2 Volatiles List	8260D/5035FM_Calc(MOD) SOM01.2 Volatiles List	MoisturePercent Moisture	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19)	3/3/26	09:50 Eastern	G	Solid			X	X	X				2	
SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19MS)	3/3/26	09:50 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SCV129-0.17-1 (180-202505-19MSD)	3/3/26	09:50 Eastern	G	Solid			X	X					1	
SSHS-IRM5A2-SCV129-0.5-1 (180-202505-20)	3/3/26	09:50 Eastern	G	Solid						X	X	X	4	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	3/5/26 14:00	EAHE		3-5-26 14:40	ECC
2		3-5-26 19:10	ECC			
3					3/5/26 1910	

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☒ Yes ☐ No		-1.0-3.9/-5.9-4.1

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202505-1

Login Number: 202505
List Number: 1
Creator: Abernathy, Eric L

List Source: Eurofins Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	False	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 180-202505-1

Login Number: 202505
List Number: 2
Creator: Martin, Elizabeth

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/06/26 12:35 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	